IP Messages:
Volume 3 (EZY)

Version 1 Release 11
IP Messages:
Volume 3 (EZY)

Version 1 Release 11
## Contents

**About this document** .................................................. v
  - Who should read this document .................................... v
  - How this document is organized .................................... v
  - How to use this document .......................................... vi
    - Determining whether a publication is current .................. vi
    - How to contact IBM service ..................................... vi
  - Conventions and terminology that are used in this document ......... vii
  - Prerequisite and related information ................................ viii
  - How to send your comments ....................................... xii

**Summary of changes** .................................................. xiii

**Chapter 1. EZY0xxxx messages** ................................. 1

**Chapter 2. EZY1xxxx messages** ................................. 61

**Chapter 3. EZY2xxxx messages** ................................. 143

**Chapter 4. EZY3xxxx messages** ................................. 189

**Chapter 5. EZY4xxxx messages** ................................. 217

**Chapter 6. EZY5xxxx messages** ................................. 273

**Chapter 7. EZY6xxxx messages** ................................. 275

**Chapter 8. EZYFxxxx messages** ................................. 311

**Chapter 9. EZYPxxxx messages** ................................. 361

**Chapter 10. EZYRxxxx messages** ............................... 385

**Chapter 11. EZYTxxxx messages** ............................... 419

**Chapter 12. EZYXxxxx messages** ............................... 461

**Appendix A. Related protocol specifications** .................. 565
  - Internet drafts ......................................................... 580

**Appendix B. Accessibility** ........................................ 583

**Notices** .................................................................... 585
  - Policy for unsupported hardware ................................ 593
  - Trademarks .................................................................. 593

**Bibliography** ............................................................ 595

**Communicating Your Comments to IBM** ......................... 599
About this document

This document describes the Internet Protocol (IP) messages that occur in z/OS ® Communications Server. The information in this document supports both IPv6 and IPv4. Unless explicitly noted, information describes IPv4 networking protocol. IPv6 support is qualified within the text.

For information about how to set up, initialize, and customize your Transmission Control Protocol/Internet Protocol (TCP/IP) services system, see the z/OS Communications Server: IP Configuration Reference, the z/OS Communications Server: IP Configuration Guide, and the z/OS Communications Server: IP Programmer’s Guide and Reference. For information about how to use the applications on your TCP/IP system, see z/OS Communications Server: IP User’s Guide and Commands.

This document refers to Communications Server data sets by their default SMP/E distribution library name. Your installation might, however, have different names for these data sets where allowed by SMP/E, your installation personnel, or administration staff. For instance, this document refers to samples in SEZAINST library as simply in SEZAINST. Your installation might choose a data set name of SYS1.SEZAINST, CS390.SEZAINST or other high level qualifiers for the data set name.

Who should read this document

This document assists TCP/IP operators, system programmers, and users to:
• Analyze a problem
• Classify the problem as a specific type
• Describe the problem to the IBM® Software Support Center

Familiarity with TCP/IP concepts and terms is assumed.

How this document is organized

The messages are listed in alphanumeric order by message ID. For each message ID, the book contains the text and a description of the message. This book contains the following chapters:
• Chapter 1, “EZY0xxxx messages,” on page 1 contains messages in the EZY0xxxx range.
• Chapter 2, “EZY1xxxx messages,” on page 61 contains messages in the EZY1xxxx range.
• Chapter 3, “EZY2xxxx messages,” on page 143 contains messages in the EZY2xxxx range.
• Chapter 4, “EZY3xxxx messages,” on page 189 contains messages in the EZY3xxxx range.
• Chapter 5, “EZY4xxxx messages,” on page 217 contains messages in the EZY4xxxx range.
• Chapter 6, “EZY5xxxx messages,” on page 273 contains messages in the EZY5xxxx range.
• Chapter 7, “EZY6xxxx messages,” on page 275 contains messages in the EZY6xxxx range.
How to use this document

To use this document, you should be familiar with z/OS TCP/IP Services and the TCP/IP suite of protocols.

Determining whether a publication is current

As needed, IBM updates its publications with new and changed information. For a given publication, updates to the hardcopy and associated BookManager® softcopy are usually available at the same time. Sometimes, however, the updates to hardcopy and softcopy are available at different times. The following information describes how to determine if you are looking at the most current copy of a publication:

- At the end of a publication’s order number there is a dash followed by two digits, often referred to as the dash level. A publication with a higher dash level is more current than one with a lower dash level. For example, in the publication order number GC28-1747-07, the dash level 07 means that the publication is more current than previous levels, such as 05 or 04.
- If a hardcopy publication and a softcopy publication have the same dash level, it is possible that the softcopy publication is more current than the hardcopy publication. Check the dates shown in the Summary of Changes. The softcopy publication might have a more recently dated Summary of Changes than the hardcopy publication.
- To compare softcopy publications, you can check the last two characters of the publication’s file name (also called the book name). The higher the number, the more recent the publication. Also, next to the publication titles in the CD-ROM booklet and the readme files, there is an asterisk (*) that indicates whether a publication is new or changed.

How to contact IBM service

Most problems can be resolved at this Web site, where you can submit questions and problem reports electronically, as well as access a variety of diagnosis information.

For telephone assistance in problem diagnosis and resolution (in the United States or Puerto Rico), call the IBM Software Support Center anytime (1-800-IBM-SERV). You will receive a return call within 8 business hours (Monday – Friday, 8:00 a.m. – 5:00 p.m., local customer time).

Outside the United States or Puerto Rico, contact your local IBM representative or your authorized IBM supplier.

If you would like to provide feedback on this publication, see “Communicating Your Comments to IBM” on page 599.

Conventions and terminology that are used in this document

Commands in this book that can be used in both TSO and z/OS UNIX® environments use the following conventions:

- When describing how to use the command in a TSO environment, the command is presented in uppercase (for example, NETSTAT).
- When describing how to use the command in a z/OS UNIX environment, the command is presented in bold lowercase (for example, netstat).
- When referring to the command in a general way in text, the command is presented with an initial capital letter (for example, Netstat).

All of the exit routines described in this document are installation-wide exit routines. You will see the installation-wide exit routines also called installation-wide exits, exit routines, and exits throughout this document.

The TPF logon manager, although shipped with VTAM®, is an application program. Therefore, the logon manager is documented separately from VTAM.

Samples used in this book might not be updated for each release. Evaluate a sample carefully before applying it to your system.

For definitions of the terms and abbreviations that are used in this document, you can view the latest IBM terminology at the IBM Terminology Web site.

Clarification of notes

Information traditionally qualified as Notes is further qualified as follows:

- Note: Supplemental detail
- Tip: Offers shortcuts or alternative ways of performing an action; a hint
- Guideline: Customary way to perform a procedure
- Rule: Something you must do; limitations on your actions
- Restriction: Indicates certain conditions are not supported; limitations on a product or facility
- Requirement: Dependencies, prerequisites
Prerequisite and related information

z/OS Communications Server function is described in the z/OS Communications Server library. Descriptions of those documents are listed in “Bibliography” on page 595, in the back of this document.

Required information

Before using this product, you should be familiar with TCP/IP, VTAM, MVS™, and UNIX System Services.

Softcopy information

Softcopy publications are available in the following collections.

<table>
<thead>
<tr>
<th>Titles</th>
<th>Order Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>z/OS V1R11 Collection</td>
<td>SK3T-4269</td>
<td>This is the CD collection shipped with the z/OS product. It includes the libraries for z/OS V1R11, in both BookManager and PDF formats.</td>
</tr>
<tr>
<td>z/OS Software Products Collection</td>
<td>SK3T-4270</td>
<td>This CD includes, in both BookManager and PDF formats, the libraries of z/OS software products that run on z/OS but are not elements and features, as well as the Getting Started with Parallel Sysplex® bookshelf.</td>
</tr>
<tr>
<td>z/OS V1R11 and Software Products DVD Collection</td>
<td>SK3T-4271</td>
<td>This collection includes the libraries of z/OS (the element and feature libraries) and the libraries for z/OS software products in both BookManager and PDF format. This collection combines SK3T-4269 and SK3T-4270.</td>
</tr>
<tr>
<td>z/OS Licensed Product Library</td>
<td>SK3T-4307</td>
<td>This CD includes the licensed documents in both BookManager and PDF format.</td>
</tr>
<tr>
<td>IBM System z® Redbooks Collection</td>
<td>SK3T-7876</td>
<td>The Redbooks® selected for this CD series are taken from the IBM Redbooks inventory of over 800 books. All the Redbooks that are of interest to the zSeries® platform professional are identified by their authors and are included in this collection. The zSeries subject areas range from e-business application development and enablement to hardware, networking, Linux®, solutions, security, parallel sysplex, and many others.</td>
</tr>
</tbody>
</table>

Other documents

For information about z/OS products, refer to z/OS Information Roadmap (SA22-7500). The Roadmap describes what level of documents are supplied with each release of z/OS Communications Server, as well as describing each z/OS publication.

Relevant RFCs are listed in an appendix of the IP documents. Architectural specifications for the SNA protocol are listed in an appendix of the SNA documents.

The following table lists documents that might be helpful to readers.
## Title | Number
--- | ---
SNA Formats | GA27-3136
TCP/IP Tutorial and Technical Overview | GC24-3376
Understanding LDAP | SG24-4986
z/OS Cryptographic Services System SSL Programming | SC24-5901
z/OS Integrated Security Services LDAP Server Administration and Use | SC24-5923
z/OS JES2 Initialization and Tuning Guide | SA22-7532
z/OS Problem Management | G325-2564
z/OS MVS Diagnosis: Reference | GA22-7588
z/OS MVS Diagnosis: Tools and Service Aids | GA22-7589
z/OS MVS Using the Subsystem Interface | SA22-7642
z/OS Program Directory | GI10-0670
z/OS UNIX System Services Command Reference | SA22-7802
z/OS UNIX System Services Planning | GA22-7800
z/OS UNIX System Services Programming: Assembler Callable Services Reference | SA22-7803
z/OS UNIX System Services User’s Guide | SA22-7801
z/OS XL C/C++ Run-Time Library Reference | SA22-7821
System z10, System z9 and zSeries OSA-Express Customer’s Guide and Reference | SA22-7935

### Redbooks

The following Redbooks might help you as you implement z/OS Communications Server.

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communications Server for z/OS V1R10 TCP/IP Implementation, Volume 1: Base Functions, Connectivity, and Routing</td>
<td>SG24-7696</td>
</tr>
<tr>
<td>Communications Server for z/OS V1R10 TCP/IP Implementation, Volume 2: Standard Applications</td>
<td>SG24-7697</td>
</tr>
<tr>
<td>Communications Server for z/OS V1R10 TCP/IP Implementation, Volume 3: High Availability, Scalability, and Performance</td>
<td>SG24-7698</td>
</tr>
<tr>
<td>Communications Server for z/OS V1R10 TCP/IP Implementation, Volume 4: Security and Policy-Based Networking</td>
<td>SG24-7699</td>
</tr>
<tr>
<td>IBM Communication Controller Migration Guide</td>
<td>SG24-6298</td>
</tr>
<tr>
<td>IP Network Design Guide</td>
<td>SG24-2580</td>
</tr>
<tr>
<td>Managing OS/390® TCP/IP with SNMP</td>
<td>SG24-5866</td>
</tr>
<tr>
<td>Migrating Subarea Networks to an IP Infrastructure Using Enterprise Extender</td>
<td>SG24-5957</td>
</tr>
</tbody>
</table>
Where to find related information on the Internet

z/OS

This site provides information about z/OS Communications Server release availability, migration information, downloads, and links to information about z/OS technology

http://www.ibm.com/systems/z/os/zos/

z/OS Internet Library

Use this site to view and download z/OS Communications Server documentation

www.ibm.com/systems/z/os/zos/bkserv/

IBM Communications Server product

The primary home page for information about z/OS Communications Server


IBM Communications Server product support

Use this site to submit and track problems and search the z/OS Communications Server knowledge base for Technotes, FAQs, white papers, and other z/OS Communications Server information


IBM Communications Server performance information

This site contains links to the most recent Communications Server performance reports.

http://www.ibm.com/support/docview.wss?uid=swg27005524

IBM Systems Center publications

Use this site to view and order Redbooks, Redpapers, and Technotes

http://www.redbooks.ibm.com/

IBM Systems Center flashes

Search the Technical Sales Library for Techdocs (including Flashes, presentations, Technotes, FAQs, white papers, Customer Support Plans, and Skills Transfer information)

http://www.ibm.com/support/techdocs/atsmastr.nsf

RFCs

Search for and view Request for Comments documents in this section of the Internet Engineering Task Force Web site, with links to the RFC repository and the IETF Working Groups Web page
Internet drafts

View Internet-Drafts, which are working documents of the Internet Engineering Task Force (IETF) and other groups, in this section of the Internet Engineering Task Force Web site

Information about Web addresses can also be found in information APAR III1334.

Note: Any pointers in this publication to Web sites are provided for convenience only and do not in any manner serve as an endorsement of these Web sites.

DNS Web sites

For more information about DNS, see the following USENET news groups and mailing addresses:

USENET news groups
comp.protocols.dns.bind

BIND mailing lists

BIND Users
- Subscribe by sending mail to bind-users-request@isc.org.
- Submit questions or answers to this forum by sending mail to bind-users@isc.org.

BIND 9 Users (This list might not be maintained indefinitely.)
- Subscribe by sending mail to bind9-users-request@isc.org.
- Submit questions or answers to this forum by sending mail to bind9-users@isc.org.

The z/OS Basic Skills Information Center

The z/OS Basic Skills Information Center is a Web-based information resource intended to help users learn the basic concepts of z/OS, the operating system that runs most of the IBM mainframe computers in use today. The Information Center is designed to introduce a new generation of Information Technology professionals to basic concepts and help them prepare for a career as a z/OS professional, such as a z/OS system programmer.

Specifically, the z/OS Basic Skills Information Center is intended to achieve the following objectives:
- Provide basic education and information about z/OS without charge
- Shorten the time it takes for people to become productive on the mainframe
- Make it easier for new people to learn z/OS

To access the z/OS Basic Skills Information Center, open your Web browser to the following Web site, which is available to all users (no login required):

http://publib.boulder.ibm.com/infocenter/zosinfctr/v1r7/index.jsp
Using LookAt to look up message explanations

LookAt is an online facility that lets you look up explanations for most of the IBM messages you encounter, as well as for some system abends and codes. Using LookAt to find information is faster than a conventional search because in most cases LookAt goes directly to the message explanation.

You can use LookAt from these locations to find IBM message explanations for z/OS elements and features, z/VM®, z/VSE™, and Clusters for AIX® and Linux:

- Your z/OS TSO/E host system. You can install code on your z/OS systems to access IBM message explanations using LookAt from a TSO/E command line (for example: TSO/E prompt, ISPF, or z/OS UNIX System Services).
- Your Microsoft® Windows® workstation. You can install LookAt directly from the z/OS Collection (SK3T-4269) or the [z/OS and Software Products DVD Collection](http://www.ibm.com/systems/z/software/products/dvd/) (SK3T-4271) and use it from the resulting Windows graphical user interface (GUI). The command prompt (also known as the DOS > command line) version can still be used from the directory in which you install the Windows version of LookAt.
- Your wireless handheld device. You can use the LookAt Mobile Edition from [www.ibm.com/systems/z/os/zos/bkserv/lookat/lookatm.html](http://www.ibm.com/systems/z/os/zos/bkserv/lookat/lookatm.html) with a handheld device that has wireless access and an Internet browser.

You can obtain code to install LookAt on your host system or Microsoft Windows workstation from:

- A CD in the z/OS Collection (SK3T-4269).
- The [z/OS and Software Products DVD Collection](http://www.ibm.com/systems/z/software/products/dvd/) (SK3T-4271).
- The LookAt Web site (click Download and then select the platform, release, collection, and location that suit your needs). More information is available in the LOOKAT.ME files available during the download process.

How to send your comments

Your feedback is important in helping to provide the most accurate and high-quality information. If you have any comments about this document or any other z/OS Communications Server documentation, do one of the following:

- Go to the z/OS contact page at [http://www.ibm.com/systems/z/os/zos/webqs.html](http://www.ibm.com/systems/z/os/zos/webqs.html). You can enter and submit your comments in the form provided at this Web site.
- Send your comments by e-mail to comsvrcf@us.ibm.com. Be sure to include the name of the document, the part number of the document, the version of z/OS Communications Server, and, if applicable, the specific location of the text that you are commenting on (for example, a section number, a page number or a table number).
Summary of changes

Summary of changes
for SC31-8785-09
z/OS Version 1 Release 11

This document contains information previously presented in SC31-8785-08, which supports z/OS Version 1 Release 10.

This document has been enabled to use the LookAt message help tool.

New information
- EZYTE88I
- EZYTE89I

Changed information
- EZYTE22I

This document contains terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

You might notice changes in the style and structure of some content in this document—for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

Summary of changes
for SC31-8785-08
z/OS Version 1 Release 10

This document contains information previously presented in SC31-8785-07, which supports z/OS Version 1 Release 9.

This document has been enabled to use the LookAt message help tool.

This document contains terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

You might notice changes in the style and structure of some content in this document—for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

Summary of changes
for SC31-8785-07
z/OS Version 1 Release 9

© Copyright IBM Corp. 1994, 2009
This document contains information previously presented in SC31-8785-06, which supports z/OS Version 1 Release 8.

The information in this document includes descriptions of support for both IPv4 and IPv6 networking protocols. Unless explicitly noted, descriptions of IP protocol support concern IPv4. IPv6 support is qualified within the text.

This document has been enabled to use the LookAt message help tool.

**New information**
- EZY1291I
- EZY1363I
- EZY1365E
- EZY1367E — EZY1371E
- EZY1945I — EZY1946I
- EZYFS30W — EZYFS35I

**Changed information**
- EZY1342I

**Deleted information**
- The APPC Application Suite is removed from the z/OS V1R9 Communications Server product and therefore documentation describing APPC Application Suite support has been deleted.

This document contains terminology, maintenance, and editorial changes. Technical changes or additions to the text and illustrations are indicated by a vertical line to the left of the change.

You might notice changes in the style and structure of some content in this document—for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.
Chapter 1. EZY0xxxx messages

EZY0002I  LINKNAME: linkname  TRACE: ON/OFF

Explanation:  This is the first message displayed when the PKTTRACE LIST command is issued. The link name is displayed, as well as the current trace level. If trace is ON, then the trace options listed are currently set and active. If trace is OFF, then the trace options displayed are currently set, but no tracing will occur for the link.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  IUPKTTRC

Procedure Name:  PKTLIST

EZY0003I  Current Trace Options:

Explanation:  This message precedes the display of current trace options when the PKTTRACE LIST command is issued.

System action:  Processing continues. The trace options and trace level for the link are unchanged.

Operator response:  None.

System programmer response:  None.

Module:  IUPKTTRC

Procedure Name:  PKTLIST

EZY0004I  Protocol - ALL

Explanation:  All protocols will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued.

System action:  Processing continues. The trace options and trace level for the link are unchanged.

Operator response:  None.

System programmer response:  None.

Module:  IUPKTTRC

Procedure Name:  PKTLIST

EZY0005I  Protocol - protocol

Explanation:  A particular well-known protocol, ICMP, TCP, or UDP, will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  IUPKTTRC

Procedure Name:  PKTLIST
EZY0006I Protocol - protocol_number

Explanation: A particular protocol number will be traced for IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0007I Src Port - ALL

Explanation: All source ports will be traced for TCP or UDP IP packets passing through the link associated with this message. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0008I Src Port - source port

Explanation: A particular source port number will be traced for TCP or UDP IP packets passing through the link associated with this message. Packets that are not TCP or UDP will not be traced. This message can be displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0009I Dest Port - ALL

Explanation: All destination ports will be traced for TCP or UDP IP packets passing through the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0010I Dest Port - destination port

Explanation: A particular destination port number will be traced for TCP or UDP IP packets passing through the link associated with this message. Packets that are not TCP or UDP IP will not be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0011I  IP address - octet1.octet2.octet3.octet4

Explanation: This message displays the IP address. This can be used in conjunction with the subnet address mask to determine if IP packets passing through the link associated with this message will be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0012I  Abbrev Len - length

Explanation: Abbreviated IP packets will be written to the trace storage device for IP packets that are traced on the link associated with this message. The length field indicates how many bytes of the IP packet will be written, starting from the beginning of the IP header. For an ABBREV length of 0, only the packet trace header will be written. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0013I  Abbrev Len - FULL

Explanation: Complete IP packets will be written to the trace storage device for IP packets that are traced on the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTTRC
Procedure Name: PKTLIST

EZY0014I  Subnet mask - octet1.octet2.octet3.octet4

Explanation: The subnet address mask that will be used with the IP address to determine if IP packets passing through the link associated with this message will be traced. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
EZY0015I  IP address - ALL

Explanation: All IP addresses will be traced for IP packets passing through the link associated with this message. This message is displayed when the PKTTRACE LIST command is issued. The trace options and trace level for the link are unchanged.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTRC
Procedure Name: PKTLIST

EZY0016I  Clearing pkttrace options for linkname linkname

Explanation: The PKTTRACE CLEAR command has been issued for the link or links identified. Trace options for the link or links are set to default values and tracing is turned off.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTRC
Procedure Name: DOPKTRC

EZY0017I  PKTTRACE command accepted.

Explanation: The PKTTRACE command has been parsed without error. Trace options specified in the PKTTRACE command have been set. This message is displayed when a PKTTRACE command has been issued.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: IUPKTRC
Procedure Name: PARSEPKT

EZY0022W  Trace options with LIST/CLEAR ignored

Explanation: Trace options other than LINKNAME were specified in a PKTTRACE LIST or CLEAR command. The LIST or CLEAR command is executed; the other trace options are ignored.

System action: Processing continues.
Operator response: Reenter the PKTTRACE LIST or CLEAR command, specifying only the LINKNAME option, if required.
System programmer response: None.
Module: IUPKTRC
Procedure Name: PARSEPKT
EZY0023W SRCPORT/DESTPORT specified, but protocol not UDP/TCP

Explanation: The SRCPORT or DESTPORT trace option was specified in a PKTTRACE command, but the
PROTOCOL trace option specified was not UDP or TCP. No IP packets will be traced for the specified link or links.
The trace options are set as specified on the PKTTRACE command.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a protocol of UDP or TCP.

System programmer response: None.

Module: IUPKTTRC

Procedure Name: PARSEPKT

EZY0024W Host identified by IP address ignored, SUBNET mask has been supplied.

Explanation: The value provided with the SUBNET parameter is used to distinguish the network and host portions
of an IP address. A SUBNET mask is used to trace all packets from a particular network, it is therefore not valid to
set host bits in conjunction with the SUBNET parameter. This message is generated if an IP address is supplied that
has a nonzero host address. The trace options are set as specified on the PKTTRACE command. The host component
of the IP address is ignored.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, ensuring all the host address bits are specified as zero in the
IP address supplied with the IP trace option.

System programmer response: None.

Module: IUPKTTRC

Procedure Name: PARSEPKT

EZY0025W No IP address specified with SUBNET

Explanation: The SUBNET trace option was specified in a PKTTRACE command, but no IP trace option was
specified. The SUBNET and IP options are used in combination to determine if IP packets are to be traced. If no IP
option is specified, then the default IP address mask, or that specified by a previous PKTTRACE command, will be
used. The trace options are set as specified on the PKTTRACE command.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a valid IP address option with the SUBNET
option.

System programmer response: None.

Module: IUPKTTRC

Procedure Name: PARSEPKT

EZY0026W No options specified, no changes applied

Explanation: No options were specified with the PKTTRACE command. No changes will be made to the trace
options or trace level for any links.

System action: Processing continues.

Operator response: None. Use this command to re-enable packet trace for the driver, when GTRACE has failed
writing to the trace storage device. Enable or re-enable GTRACE, and then enter the PKTTRACE command with no
options. Any PKTTRACE command, including one with options, could be used in this situation.

System programmer response: None.

Module: IUPKTTRC

Procedure Name: PARSEPKT
EZY0032E  •  EZY0035E

EZY0032E  Invalid option option.

Explanation: The specified text is not a valid option for the PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a valid option. The valid options are:
• ON
• OFF
• LIST
• CLEAR
• LINKNAME=
• PROT=
• IP=
• SUBNET=
• SRCPORT=
• DESTPORT=
• FULL
• ABBREV
• ABBREV=

System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0033E  Option option duplicated

Explanation: Any PKTTRACE option can be specified only once in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying only one of each required option.

System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0034E  Specify one only of ON/OFF/LIST/CLEAR

Explanation: Only one of the PKTTRACE options ON, OFF, LIST, or CLEAR can be specified in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying only one of the options ON, OFF, LIST, or CLEAR.

System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0035E  Specify one only of FULL/ABBREV

Explanation: Only one of the PKTTRACE options FULL or ABBREV can be specified in the same PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying either the FULL or ABBREV option.

System programmer response: None.
EZY0036E  Invalid character specified after keyword option

Explanation:  A required option value delimiter has not been specified. The following PKTTRACE options all require an equal sign delimiter:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

The command is ignored. No changes are made to any trace options.

System action:  Processing continues.

Operator response:  Reenter the PKTTRACE command, specifying the option correctly.

System programmer response:  None.

Module:  IUPKTTRC

Procedure Name:  PARSEPKT

EZY0037E  Invalid IP address address

Explanation:  The supplied IP address is not valid. The address must be specified in dotted decimal notation, with exactly four octets, for example, 193.9.34.8, or the address can be specified as a single asterisk (*), to denote all IP addresses. The command is ignored. No changes are made to any trace options.

System action:  Processing continues.

Operator response:  Reenter the PKTTRACE command, specifying a valid IP address.

System programmer response:  None.

Module:  IUPKTTRC

Procedure Name:  PARSEPKT

EZY0038E  No value after '=' for keyword option

Explanation:  A required option value has not been specified. The following PKTTRACE options all require a value:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

The command is ignored. No changes are made to any trace options.

System action:  Processing continues.

Operator response:  Reenter the PKTTRACE command, specifying the required value.

Module:  IUPKTTRC

Procedure Name:  PARSEPKT
EZY0039E  Undefined keyword only option option

Explanation: The specified text is not a valid keyword-only option for the PKTTRACE command. A keyword-only option has either no value, or a default value. Any single word delimited by spaces is considered a keyword-only option because keyword value options are immediately followed by an equals sign. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a valid option. The valid keyword-only options are:
- ON
- OFF
- LIST
- CLEAR
- FULL
- ABBREV

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0040E  Invalid protocol protocol

Explanation: The supplied protocol value is not valid. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a valid protocol value. Protocol values must be one of the following:
- A number from 0 to 255
- One of the labels ICMP, TCP, or UDP
- A single asterisk (*) used to denote all protocols

System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0041E  Invalid subnet address address

Explanation: The supplied subnet address is not valid. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a valid subnet address. The address must be specified in dotted decimal notation, with exactly 4 octets, for example, 193.9.34.8.

System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0042E  Invalid abbrev value abbrev_len

Explanation: The supplied ABBREV value is not valid. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a valid ABBREV value. Valid values are integers in the range 0 to 65 535.

System programmer response: None.
Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0043E  Invalid source port port
Explanation: The supplied source port is not valid. The command is ignored. No changes are made to any trace options.
System action: Processing continues.
Operator response: Reenter the PKTTRACE command, specifying a valid source port value. Valid values are integers in the range 0 to 65535, or a single asterisk (*) used to indicate all source ports.
System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0044E  Invalid dest port port
Explanation: The supplied destination port is not valid. The command is ignored. No changes are made to any trace options.
System action: Processing continues.
Operator response: Reenter the PKTTRACE command, specifying a valid destination port value. Valid values are integers in the range 0 to 65535, or a single asterisk (*) used to indicate all destination ports.
System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0045E  Invalid linkname linkname
Explanation: The LINKNAME value is too long. Valid link names must be no more than 8 characters. The command is ignored. No changes are made to any trace options.
System action: Processing continues.
Operator response: Reenter the PKTTRACE command, specifying a valid link name value.
System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

EZY0046E  IP= invalid with SUBNET
Explanation: The SUBNET trace option cannot be specified with IP=*. An IP option of an asterisk (*) generates an implied subnet address mask (SUBNET option) of 0.0.0.0. In other words, IP=* is the equivalent of IP=0.0.0.0 SUBNET=0.0.0.0. The command is ignored. No changes are made to any trace options.
System action: Processing continues.
Operator response: Reenter the PKTTRACE command, and remove the SUBNET option, or specify an IP address other than *.
System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT
EZY0047E  Undefined linkname linkname

Explanation: The specified link name is not defined in the driver. The PKTTRACE LIST command can be used to display the defined link names for the driver. Note that SNALINK LU0 must have the IUCV connection open for the LINK before it is recognized. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a defined link name.

System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

---

EZY0048E  Undefined keyword value option option

Explanation: The specified text is not a valid keyword value option for the PKTTRACE command. The command is ignored. No changes are made to any trace options.

System action: Processing continues.

Operator response: Reenter the PKTTRACE command, specifying a valid option. The valid keyword value options are:

- LINKNAME=
- PROT=
- IP=
- SUBNET=
- SRCPORT=
- DESTPORT=
- ABBREV=

System programmer response: None.

Module: IUPKTTRC
Procedure Name: PARSEPKT

---

EZY0052E  PKTCLEAR : Trace entry list is already clear

Explanation: The PKTCLEAR subroutine has been called to clear the linked list of trace entries, however the list contained no entries. The PKTCLEAR subroutine is called when the device driver is terminating due to a shutdown request. This is an internal error. This error will not cause system problems.

System action: The driver continues to shut down.

Operator response: Contact the system programmer.

System programmer response: Contact the IBM Software Support Center to report this internal error.

Module: IUPKTTRC
Procedure Name: PKTCLEAR

---

EZY0053E  PKTCLEAR : FREEMAIN failed with return code return_code

Explanation: The PKTCLEAR subroutine has been called to clear the linked list of trace entries. The FREEMAIN system macro used to free the virtual storage for each entry has failed with the specified return code. The PKTCLEAR subroutine is called when the device driver is terminating due to a shutdown request. This might be an internal error. This error will not cause system problems.

System action: The driver continues to shut down.

Operator response: Contact the system programmer.

System programmer response: Use the return code from the FREEMAIN macro to identify the problem. See z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN for information about the FREEMAIN macro and
its return codes. If the error still occurs, contact the IBM Software Support Center for more information and to report this internal error.

Module: IUPKTRC
Procedure Name: PKTCLEAR

EZY0054E PKTLINK : GETMAIN failed with return code return_code

Explanation: The PKTLINK subroutine has been called to allocate an entry in the linked list of trace entries. The GETMAIN macro used to allocate the virtual storage for the entry has failed with the specified return code. The PKTLINK subroutine is called during device driver initialization. Packet tracing might be disabled for some or all links.

System action: Processing continues.
Operator response: Contact the system programmer.
System programmer response: Define more virtual storage and try to restart the driver. Use the return code from the GETMAIN macro to identify the problem. See z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN for information about the GETMAIN macro and its return codes. If the error still occurs, contact the IBM Software Support Center for more information.

Module: IUPKTRC
Procedure Name: PKTLINK

EZY0055E PKTLINK : Linkname linkname already in trace entry list

Explanation: The PKTLINK subroutine has been called to allocate an entry in the linked list of trace entries. The link name specified in the subroutine call is already present in the list of trace entries. The PKTLINK subroutine is called during device driver initialization. This is an internal error. This error will not cause system problems. Packet tracing might be disabled for some or all links.

System action: Processing continues.
Operator response: Contact the system programmer.
System programmer response: Contact the IBM Software Support Center to report this internal error.

Module: IUPKTRC
Procedure Name: PKTLINK

EZY0056E PKTTRACE : No linknames defined

Explanation: The PKTTRACE subroutine has been called to determine if an IP packet should be traced, however the linked list of trace entries is empty. The list of trace entries should be initialized with an entry corresponding to each link that is defined for the device driver. This is an internal error. This error will not cause system problems. Packet tracing is disabled for all links.

System action: Processing continues.
Operator response: Contact the system programmer.
System programmer response: Contact the IBM Software Support Center to report this internal error.

Module: IUPKTRC
Procedure Name: PKTTRACE

EZY0057E PKTTRACE : Packet length does not include IP or UDP/TCP headers

Explanation: The PKTTRACE subroutine has been called to trace an IP packet that has been corrupted or truncated, removing headers that are required to determine if the packet is to be traced. The packet is not a valid IP packet. This could be a network problem or an internal error. This error will not cause system problems. The packet in error is not traced.

System action: Processing continues.
Operator response: Contact the system programmer.

System programmer response: The formatted output that appears prior to this message indicates which connection the IP packet belongs to. Use PKTTRACE to determine if a network node is creating an IP packet that is not valid or if part of the network is damaging IP packets.

Module: IUPKTTTRC
Procedure Name: PKTTRACE

EZY0058E PKTTRACE : Linkname linkname not in trace entry list

Explanation: The PKTTRACE subroutine has been called to determine if an IP packet should be traced, however the link that the packet was sent to or received from is not in the linked list of trace entries. The list of trace entries should be initialized with an entry corresponding to each link that is defined for the device driver. This is an internal error. This error will not cause system problems. Packet tracing might be disabled for some or all links.

System action: Processing continues.
Operator response: Contact the system programmer.
System programmer response: Contact the IBM Software Support Center to report this internal error.

Module: IUPKTTTRC
Procedure Name: PKTTRACE

EZY0620E Incorrect function code specified for EZAPPFCF Routing: Major Key = key Minor Key = key

Explanation: The VSAM function request made to module EZAPPFCF is not supported. The program returns an error code to the calling module.

System action: Processing continues.
Operator response: None.
System programmer response: Obtain a dump and contact the IBM Software Support Center.

Module: EZAPPFCF
Procedure Name: ERR00001

EZY0621E Storage Allocation Error in EZAPPFCF Routing: Major Key = key Minor Key = key

Explanation: Insufficient virtual storage available for EZAPPFCF processing.

System action: EZAPPFCF ends abnormally.
Operator response: None.
System programmer response: Increase the region size of the address space.

Module: EZAPPFCF
Procedure Name: ERR00002

EZY0622E LOAD failure for EZAPPFCA Routing: Major Key = key Minor Key = key

Explanation: Module EZAPPFCA is unavailable.

System action: The program ends abnormally.
Operator response: None.
System programmer response: Make sure module EZAPPFCA is available through LINKLIST or STEPLIB specifications.

Module: EZAPPFCF
Procedure Name: ERR00003
**EZY0630E** Specified Routing not in Routing File Routing: Major Key = key Minor Key = key

**Explanation:** The routing specified does not exist in the routing file. The program returns an error code to the calling module.

**System action:** Processing continues.

**Operator response:** If the routing was generated by JES, check the class, destination, and forms specified on the JES DD statement. Unless modified by an exit, a JES routing takes the form DDDD0000CFFFF000. The characters represent class, destination and forms as indicated in the following:

- **C** Class
- **DDDD** Destination
- **FFFF** Forms

If the routing was generated by VTAM, check the LU name and LU type. Unless modified by an exit, a VTAM routing takes the form LUNAMExxxxx. The LU name is represented in this form as follows:

- **LUNAME** The LU name.
- **xxxxx** Any string, but it must be specified.

If the exit is a general routing exit, specific routing exit, or input record exit, modify the routing name.

**System programmer response:** If the exit was a general routing exit, specific routing exit, or input record exit, modify the routing name and check the logic of the exit for errors.

**Module:** EZAPPFCF

**Procedure Name:** ERR01001

---

**EZY0631E** Error in General Routing Exit RC=xxxx. Routing: Major Key = key Minor Key = key

**Explanation:** The general routing exit returned an error condition indicator in register 15. Any return codes other than zero, one, or two indicate the exit did not complete successfully.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Determine the cause of the error condition indicated by the EZAPPGPR return code. If necessary, restart the capture point after correcting the error.

**Module:** EZAPPFCF

**Procedure Name:** ERR01002

---

**EZY0632E** Error in Specific Routing Exit =xxxx. Routing: Major Key = key Minor Key = key

**Explanation:** The specific routing exit returned with a nonzero value xxxx in register 15.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Use the error code to determine the cause of the problem and correct it.

**Module:** EZAPPFCF

**Procedure Name:** ERR01003
EZY0633E  Number of routing records not equal to number of destinations Routing: Major Key = key Minor Key = key

Explanation: The number of routing records found for this key is not equal to the number of records specified in the type N record. The program returns an error code to the calling module.

System action: Processing continues.
Operator response: Correct the routing file.
System programmer response: None.
Module: EZAPPFCF
Procedure Name: ERR01004

EZY0634E  Specified Options not in Options File Routing: Major Key = key Minor Key = key

Explanation: The option specified does not exist in the options file. The program returns an error code to the calling module.

System action: Processing continues.
Operator response: Check the routing file entry for a correctly specified options entry.
System programmer response: If this is a general routing exit, specific routing exit, or input record exit, modify the routing name, and check the logic of the exit for errors.
Module: EZAPPFCF
Procedure Name: ERR01005

EZY0635E  VSAM Error on operation Return Code=rc Reason Code=reason DDNAME=ddname

Explanation: An error was encountered in a VSAM operation. The values specified in the message indicate the following:

- **operation**: The operation that proved unsuccessful
- **rc**: The return code
- **reason**: The reason code
- **ddname**: The ddname of the file

The program returns an error code to the calling module.

System action: Processing continues.
Operator response: None.
System programmer response: See z/OS DFSMS Macro Instructions for Data Sets for an explanation of the reason and response codes.
Module: EZAPPFCF
Procedure Name: VSMERR50

EZY0636E  LINK Error on Specific Routing Exit.

Explanation: The specific routing exit defined in this routing cannot be accessed. Routing: Major Key = key Minor Key = key. The program returns to the caller with an error code.

System action: Processing continues.
Operator response: Do the following:
- Note message CSV003I which gives the name of the module not found.
- Make sure the exit is correctly named in the routing file definition.
- Make sure the exit module exists in STEPLIB or JOBLIB or LPA data sets.
System programmer response: None.
Module: EZAPPFCF
Procedure Name: ERR0106

EZY0651E  Invalid function code passed to EZAPPFCM Routing: Major Key = key Minor Key = key
Explanation: EZAPPFCM was invoked with a function code that is not valid. EZAPPFCM returns a X’0001’ return code to the caller.
System action: Processing continues.
Operator response: None.
System programmer response: If the user is invoking EZAPPFCM directly, check the invoking program for a valid function code. If EZAPPFCM is being invoked by either the NPF FSS writer or NPF VTAM capture point application, contact the IBM Software Support Center.
Module: EZAPPFCM
Procedure Name: ERR00001

EZY0652E  Storage allocation error in EZAPPFCM Routing: Major Key = key Minor Key = key
Explanation: An attempted GETMAIN in EZAPPFCM was unsuccessful. EZAPPFCM returns a X’0002’ return code to the caller.
System action: Processing continues.
Operator response: Increase the virtual storage allocation for the address space and resubmit the job.
System programmer response: None.
Module: EZAPPFCM
Procedure Name: ERR00002

EZY0653E  Unable to load EZAPPFCF Routing: Major Key = key Minor Key = key
Explanation: The attempt to load module EZAPPFCF was unsuccessful. EZAPPFCM returns a X’0003’ return code to the caller.
System action: Processing continues.
Operator response: None.
System programmer response: Check the libraries in the STEPLIB or JOBLIB DD statement to make sure one of them contains the EZAPPFCF load module.
Module: EZAPPFCM
Procedure Name: ERR00003

EZY0654E  Error loading input record exit Routing: Major Key = key Minor Key = key
Explanation: The options data specified an input record exit, but the attempt to load it was unsuccessful. EZAPPFCM returns a X’0004’ return code to the caller.
System action: Processing continues.
Operator response:
1. Determine if the routing is correct.
2. Check the routing file entry for this routing. The options name specified must match an options file record.
System programmer response:
1. Check the JOBLIB and STEPLIB concatenations to make sure the exit module is available.
2. If any user exits modify the routing data area, check the logic of the user exits.
Module: EZAPPFCM
EZY0655E • EZY0658E

Procedure Name: ERR00004

EZY0655E Unable to attach EZAPPLPR Routing: Major Key = key Minor Key = key

Explanation: The attempt by module EZAPPFCM to ATTACH the EZAPPLPR subtask was unsuccessful. EZAPPFCM returns a X'0005' return code to the caller.

System action: For the VTAM capture point, processing continues. For the JES capture point, the program ends abnormally.

Operator response: Notify the system programmer.

System programmer response:
1. Check the JOBLIB and STEPLIB concatenations to make sure that module EZAPPLPR is available.
2. Contact the IBM Software Support Center.

Module: EZAPPFCM

EZY0656E Error on Dynamic Allocation of data file, RC=return code, S99RET=code DSname =name

Explanation: Attempts to allocate a print data file were unsuccessful. The dynamic allocation return code and reason code are displayed. If the failure occurred during SMS processing, the SMS reason code (S99ERSN) displays in place of the DYNALLOC reason code (S99ERROR).

System action: The dynamic allocation will be retried. If that attempt is also unsuccessful, an error condition will be returned to the capture point indicating a print dataset is not available.

Operator response: Check for related messages that indicate insufficient DASD space or insufficient virtual storage and correct the problem indicated.

System programmer response: Investigate the reason for any dynamic allocation return codes contained in the message. These return and reason codes are documented in z/OS MVS Programming: Authorized Assembler Services Guide.

Module: EZAPPFCM

Procedure Name: ERR01001

EZY0657E OPEN failure on data file. DSname =name

Explanation: The print data file named could not be opened. EZAPPFCM returns a X'1003' return code to the caller.

System action: Processing continues.

Operator response: Look for associated messages and correct the problems indicated.

System programmer response: None.

Module: EZAPPFCM

Procedure Name: ERR01003

EZY0658E CLOSE failure on data file. DSname =name

Explanation: The print data file named could not be closed. EZAPPFCM returns a X'2001' return code to the caller.

System action: Processing continues.

Operator response: Look for associated messages and correct the problems indicated.

System programmer response: None.

Module: EZAPPFCM

Procedure Name: ERR02001
EZY0659E  PUT failure on data file. DSname = *name*
Explanation: An error occurred on a PUT to the named file. EZAPPFCM returns a 'X'3002' return code to the caller.
System action: Processing continues.
Operator response: Look for associated messages and correct the problems indicated.
System programmer response: None.
Module: EZAPPFCM
Procedure Name: ERR03002

EZY0660E  Error on input record exit Routing: Major Key = *key* Minor Key = *key*
Explanation: A user-provided input record exit returned a nonzero return code in Register 15. EZAPPFCM returns a 'X'3003' return code to the caller.
System action: Processing continues.
Operator response: None.
System programmer response: Determine the problem with the input record exit and correct it.
Module: EZAPPFCM
Procedure Name: ERR03003

EZY0661E  Record length error Routing: Major Key = *key* Minor Key = *key*
Explanation: A record length less than 0 was specified. EZAPPFCM returns a 'X'3004' return code to the caller.
System action: Processing continues.
Operator response: Determine the source of the incorrect record length and correct it.
System programmer response: None.
Module: EZAPPFCM
Procedure Name: ERR03004

EZY0662E  Data file open for SEND DSname = *name*
Explanation: EZAPPFCM received a request to send the data set to LPR but it is still open. Data might be lost. EZAPPFCM returns a 'X'4001' return code to the caller.
System action: Processing continues.
Operator response: None.
System programmer response: If this is a user-written invocation of EZAPPFCM, make sure the CLOSE function was invoked prior to doing the SEND. If EZAPPFCM is invoked by the NPF FSS writer or NPF VTAM capture point, notify the IBM Software Support Center.
Module: EZAPPFCM
Procedure Name: ERR04001

EZY0663E  Data file deallocation error DSname = *name*
Explanation: An error occurred when deallocating the named data set. EZAPPFCM returns a 'X'4004' return code to the caller.
System action: Processing continues.
Operator response: None.
System programmer response: Notify the IBM Software Support Center.
Module: EZAPPFCM
EZY0664E  •  EZY0668E

Procedure Name:  ERR0404

---

**EZY0664E  •  Error on Queue record creation DSname =name**

**Explanation:**  An error occurred on the creation of the queue record associated with the named data set. EZAPPFCM returns a X'4004' return code to the caller.

**System action:**  Processing continues.

**Operator response:**  Look for associated message EZY0635E to determine the cause of the problem.

**System programmer response:**  None.

**Module:**  EZAPPFCM

**Procedure Name:**  ERR0404

---

**EZY0665E  •  Capture Point Initialization Failure**

**Explanation:**  A failure occurred at startup of the VTAM or JES capture points or during TCPIP initialization while processing in the capture points. The error is returned to the caller.

**System action:**  The program ends abnormally.

**Operator response:**  See the accompanying message to determine the cause of the failure.

**System programmer response:**  None.

**Module:**  EZAPPFCM

---

**EZY0666I  •  File Management Initialization Completed**

**Explanation:**  Network Print Facility file management initialization is complete. All parameters specified were acceptable.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  EZAPPFCM

---

**EZY0667I  •  PRINT STARTUP USED DATASET name**

**Explanation:**  The startup process for Network Print Facility used the indicated data set as a source for one or more of the startup parameters.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  EZAPPFCI

---

**EZY0668E  •  INVALID HIGH LEVEL QUALIFIER**

**Explanation:**  The high-level qualifier for the data set name is not valid. The high-level qualifier contains one of these errors:
  • The qualifier is longer than 26 characters.
  • The qualifier starts or ends with a period.
  • The qualifier has a node name longer than 8 characters.

**System action:**  Processing continues.

**Operator response:**  Enter a valid high-level qualifier for the data set name and reissue the request.

**System programmer response:**  None.
Module: EZAPPFCI

EZY0669E  INVALID TCP/IP JOBNAME
Explanation: The job name specified is not valid; it is longer than 8 characters.
System action: Processing continues.
Operator response: Enter a valid job name and reissue the request.
System programmer response: None.
Module: EZAPPFCI

EZY0670E  INVALID ALLOCATION PARAMETER
Explanation: The allocation parameter specified is not valid. The allocation parameter contains one of these errors:
• The type is not CYL, TRK, or a number.
• The number specified for a block size is zero or negative.
• The primary allocation is not positive or not specified.
• The secondary allocation is negative or not specified.
System action: Processing continues.
Operator response: Make sure the allocation parameters are entered correctly and reissue the request.
System programmer response: None.
Module: EZAPPFCI

EZY0671E  INVALID THREAD SPECIFICATION, $n$ WAS USED
Explanation: The specified thread value was not valid. The thread value must be greater than, or equal to one and less than, or equal to eleven. The value in $n$ will be used instead.
System action: Processing continues.
Operator response: Specify a valid thread value if the default value in $n$ is not acceptable.
System programmer response: None.
Module: EZAPPFCI

EZY0672E  DEFAULT HIGH LEVEL QUALIFIER INVALID
Explanation: The specified high-level qualifier in module CMMVSYS is longer than 26 characters.
System action: Processing continues.
Operator response: Make sure the high-level qualifier in CMMVSYS is not longer than 26 characters and reissue the request.
System programmer response: None.
Module: EZAPPFCI

EZY0673E  Insufficient space for data file.
Explanation: Network Print Facility did not have enough space to create the data file. This results in Network Print Facility issuing an x37 abend and a 4005 return code.
System action: Processing continues.
Operator response: None.
System programmer response: Increase the space allocation parameter values used for startup.
Module: EZAPPFCM
**EZY0674E●EZY0679I**

---

**EZY0674E PUT attempted on file which is not open**

**Explanation:** The Network Print Facility has found an error attempting to write to the QSAM print file. A return code of x'3006' is passed back to the caller.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Look for associated messages and investigate the reason why the print file might not have been opened or allocated.

**Module:** EZAPPFCM

---

**EZY06761 Startup value for dataset value**

**Explanation:** This message displays the value passed to the JES writer on startup for datasets created by the JES writer.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFCI

**Procedure Name:** main.

---

**EZY0677E Error on deletion of Active record**

**Explanation:** An error was encountered while attempting to delete a record from the active file.

**System action:** Processing continues.

**Operator response:** This error will be accompanied by message EZY0635E. See that message for diagnosis information.

**System programmer response:** None.

**Module:** EZAPPFCM

---

**EZY0678E NON-ZERO RETURN CODE xxxxxxxx FROM INITAPI CALL TO yyyyyyyyy**

**Explanation:** A failure occurred at startup of the VTAM or JES capture points, or during Queue Manager initialization while attempting to initialize the SOKETS interface to the TCPIP address space. The error code from the INITAPI call (xxxxxx) and the TCPIP address space name used for the call (yyyyyyyy) are displayed. The error is returned to the caller.

**System action:** The program ends abnormally.

**Operator response:** Ensure that the TCPIP address space is active prior to starting the VTAM or JES capture points or the Queue Manager. An error of 00010191 indicates that the TCPIP IUCV was not installed.

**System programmer response:** Ensure that the TCPIPJOBNAME value matches the job name of the currently active TCPIP address space. If no TCPIPJOBNAME statement is found in any of the parameter data sets, the default value of TCPIP is used. For information on the extended socket return codes xxxxxxx, see [z/OS Communications Server: IP and SNA Codes](https://www.ibm.com/systems/z/os/zos/bkserv/apiip/tcpip/)

**Module:** EZAPPFCI

---

**EZY0679I parameter Default value of yyyyyyyyy used**

**Explanation:** This message displays the default value yyyyyyyyy used by the capture points or Queue manager on startup for the TCPIP global parameters. The parameter field will be either TCPIPJOBNAME or DATASETPREFIX.

**System action:** Processing continues.

**Operator response:** None.
System programmer response: None.
Module: EZAPPFCI

EZY0680I  Network Print Facility Recovery Started
Explanation: The active file contained at least one meaningful record. Each active file record that points to a closed temporary print data set will be copied into a queue file record and then deleted. All other active file records will be deleted, along with their corresponding temporary print data sets.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFCM

Module: EZAPPFCM

EZY0681I  Network Print Facility Recovery Completed
Explanation: All records in the active file were processed.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFCM

EZY0682E  INVALID UNIT SPECIFICATION
Explanation: The UNIT name specified on the NPFUNIT statement is out of range. The range of valid UNIT values is from one to eight characters.
System action: The error is returned to the caller.
Operator response: Correct the NPFUNIT name statement in NPF.DATA. For further information about the UNIT parameter, see the z/OS MVS JCL Reference.
System programmer response: Ensure that the name specified on the NPFUNIT statement is a valid esoteric unit name, generic unit name, or unit address defined in the EDT for this system.
Module: EZAPPFCI

EZY0700E  INSUFFICIENT DESTINATIONS FOR PREVIOUS ROUTING
Explanation: The previous EZAPPFL TYPE=ROUTING macro specified more than 1 destination but there are not enough EZAPPFL TYPE=NXTDEST macros to describe them.
System action: Macro generation stops.
Operator response: Either correct the number of destinations specified in the EZAPPFL TYPE=ROUTING macro or add EZAPPFL TYPE=NXTDEST macros.
System programmer response: None.
Module: EZAPPFL

Procedure Name: .TYPE000

EZY0701E  EXCESSIVE DESTINATIONS FOR PREVIOUS ROUTING
Explanation: An EZAPPFL TYPE=NXTDEST macro was encountered when it was not expected.
System action: Macro generation stops.
Operator response: Check the NDEST parameter of the previous EZAPPFL TYPE=ROUTING macro. Make sure that the number of destinations is equal to the number of EZAPPFL TYPE=NXTDEST macros following the EZAPPFL TYPE=ROUTING macro plus 1.
EZY0702S • EZY0706E

System programmer response: None.
Module: EZAPPFL
Procedure Name: .TYPE000

EZY0702S  NO TYPE SPECIFIED IN EZAPPFL MACRO
Explanation: The EZAPPFL macro did not contain a recognizable TYPE parameter.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .TYPE010

EZY0703E  NO MAJOR KEY SPECIFIED FOR ROUTING
Explanation: The EZAPPFL TYPE=ROUTING macro did not contain a MAJKEY parameter. This parameter is mandatory.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT000

EZY0704E  LENGTH OF MAJOR KEY GREATER THAN 8
Explanation: The MAJKEY parameter of the EZAPPFL TYPE=ROUTING macro contained more than 8 characters. The maximum length for the MAJKEY is 8.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT005

EZY0705E  NO MINOR KEY SPECIFIED FOR ROUTING
Explanation: The EZAPPFL TYPE=ROUTING macro did not contain a MINKEY parameter. This parameter is mandatory.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT010

EZY0706E  LENGTH OF MINOR KEY GREATER THAN 8
Explanation: The MINKEY parameter of the EZAPPFL TYPE=ROUTING macro contained more than 8 characters. The maximum length for MINKEY is 8.
System action: Macro generation stops.
EZY0707E  •  EZY0710E

Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT015

---

EZY0707E  ROUTING KEY SEQUENCE ERROR PREVIOUS: MAJKEY=xxxxxxxx MINKEY=yyyyyyyyy
          CURRENT: MAJKEY=wwwwwwww MINKEY=zzzzzzzz

Explanation: The key specified in the current EZAPPFL TYPE=ROUTING is lower in collating sequence than the previous key. The routing macros must be in ascending order based on their MAJKEY and MINKEY parameter values.
System action: Macro generation stops.
Operator response: Rearrange and reissue the routing macros.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT020

---

EZY0708I  NUMBER OF DESTINATIONS NOT SPECIFIED, ASSUMED AS 1.

Explanation: The NDEST parameter was not specified in the EZAPPFL TYPE=ROUTING macro. The macro assumes a value of 1.
System action: Macro generation continues.
Operator response: None, if 1 is the correct value. Otherwise, specify the NDEST parameter and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT030

---

EZY0709E  INVALID VALUE IN VTCLASS

Explanation: The VTCLASS parameter in the EZAPPFL TYPE=ROUTING macro specified a class less than 1 or greater than 64.
System action: Macro generation stops.
Operator response: Correct the class and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT060

---

EZY0710E  OPTNAME PARAMETER REQUIRED FOR ROUTING

Explanation: The OPTNAME parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT105
EZY0711E  •  EZY0715E

EZY0711E  SREXIT NAME TOO LONG
Explanation: The SREXIT (specific routing exit) parameter in the EZAPPFL TYPE=ROUTING macro specified a name longer than 8 characters.
System action: Macro generation stops.
Operator response: Correct the SREXIT parameter and reissue the EZAPPFL TYPE=ROUTING macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT110

EZY0712E  INAME PARAMETER REQUIRED FOR ROUTING.
Explanation: The INAME (Internet name/address) parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT125

EZY0713E  PNAME PARAMETER REQUIRED FOR ROUTING.
Explanation: The PNAME (printer name) parameter was not specified in the EZAPPFL TYPE=ROUTING macro. This parameter is required.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT125

EZY0714E  INAME PARAMETER REQUIRED FOR NXTDEST.
Explanation: The INAME (Internet name/address) parameter was not specified in the EZAPPFL TYPE=NXTDEST macro. This parameter is required.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .NEXT010

EZY0715E  PNAME PARAMETER REQUIRED FOR NXTDEST.
Explanation: The PNAME (printer name) parameter was not specified in the EZAPPFL TYPE=NXTDEST macro. This parameter is required.
System action: Macro generation stops.
Operator response: Correct and reissue the macro.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT125

**EZY0716E**  OPTNAME PARAMETER REQUIRED FOR OPTIONS

**Explanation:** The OPTNAME parameter was not specified in the EZAPPFL TYPE=OPTIONS macro. This parameter is required.

**System action:** Macro generation stops.

**Operator response:** Correct and reissue the macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .OPTN005

---

**EZY0717E**  IREXIT NAME TOO LONG

**Explanation:** The IREXIT (input record exit name) parameter specified in the EZAPPFL TYPE=OPTIONS was longer than 8 characters.

**System action:** Macro generation stops.

**Operator response:** Correct the name and reissue the EZAPPFL TYPE=OPTIONS macro.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .OPTN010

---

**EZY0718E**  OPTIONS KEY SEQUENCE ERROR PREVIOUS KEY=xxxxxxxxxxxxxxxxxxxxxxxxx  CURRENT KEY=yyyyyyyyyyyyyyyyyyyyyyyy

**Explanation:** The Network Print Facility file load program has determined that the key specified in the current EZAPPFL TYPE=OPTIONS macro is lower in collating sequence than the key for the previous option name. The options macros must be specified in ascending order based on their OPTNAME parameter value.

**System action:** Macro generation stops.

**Operator response:** Rearrange the EZAPPFL TYPE=OPTIONS macros in ascending order by OPTNAME and resubmit the job.

**System programmer response:** None.

**Module:** EZAPPFL

**Procedure Name:** .OPTN025

---

**EZY0719E**  VSAM ERROR MACRO=macro FILE=file RETURN=rc REASON=reason -MAJKEY:majkey -MINKEY:minkey or -OPTNAME:optname

**Explanation:** The Network Print Facility or one of the CICS Sockets file load programs has received a nonzero return code from VSAM services. The VSAM return and reason codes are displayed in the message following the failing VSAM macro (macro=OPEN, PUT, or CLOSE) and file type (file=ROUTING, OPTIONS, or QUEUE).

For VSAM PUTs, the error message will also include the key values, either majkey and minkey for the routine file or optname for the options file.

**System action:** Macro generation stops.

**Operator response:** Correct the error and resubmit the job.

**System programmer response:** Investigate the reason for the nonzero VSAM return codes displayed in the error message. These return and reason codes are documented in [z/OS DFSMS Macro Instructions for Data Sets](https://www.ibm.com/docs/en/zos DFSMS#section).

**Module:** EZAPPFL, EZACICD, EZACICR

**Procedure Name:** n/a
EZY0720S  EZY0730E

EZY0720S  OPTIONS ENTRY PRECEDES ROUTING ENTRY
Explanation: AN EZAPPFL TYPE=OPTIONS macro was encountered prior to an EZAPPFL TYPE=ROUTING macro. All routing entries must precede the first options entry.
System action: Macro generation stops.
Operator response: Correct the sequence of the macros and reissue them.
System programmer response: None.
Module: EZAPPFL
Procedure Name: .ROUT001

EZY0721W  NDEST EXCEEDS 32767
Explanation: The number of destinations specified exceeds the maximum value of 32767. The value is replaced with 32767.
System action: Processing continues.
Operator response: Correct the NDEST and resubmit the job.
System programmer response: Assist the user in submitting an accurate NDEST parameter value. For more information on the NDEST parameter see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPFL
Procedure Name: MNOTE

EZY0722E  OPTNAME PARAMETER EXCEEDS 16 CHARACTERS
Explanation: The specified OPTNAME parameter exceeds 16 characters in length. Macro generation is terminated.
System action: Processing continues.
Operator response: Correct the OPTNAME and resubmit the job.
System programmer response: Assist the user in submitting an accurate OPTNAME parameter value. For more information on the OPTNAME parameter see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPFL
Procedure Name: MNOTE

EZY0723E  RETRY LIMIT EXCEEDS 32767
Explanation: The specified retry limit parameter exceeds the maximum value of 32767. The value is replaced with 32767.
System action: Processing continues.
Operator response: Correct the RETRY LIMIT parameter and resubmit the job.
System programmer response: Assist the user in submitting an accurate RETRY LIMIT parameter value. For more information on the RETRY LIMIT parameter see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPFL
Procedure Name: MNOTE

EZY0730E  TIME VALUE TOO LONG
Explanation: The value specified for either RETAINT or RETRYT exceeds 8 digits. The system sets the time value to zero.
System action: Processing continues.
Operator response: Correct the time value and reissue RETAINT or RETRYT.
System programmer response: None.
Module: EZAPPFLT
Procedure Name: .L9

---

**EZY0731E**  INVALID CHARACTER IN TIME VALUE

Explanation: The EZAPPFLT macro detected a nonnumeric character in the time value. The system sets the time value to zero.
System action: Processing continues.
Operator response: Correct the time value and reissue the macro.
System programmer response: None.
Module: EZAPPFLT
Procedure Name: .NERR1

---

**EZY0732E**  INVALID DAY VALUE

Explanation: The EZAPPFLT macro detected a day value greater than 366. The system sets the time value to zero.
System action: Processing continues.
Operator response: Correct the day value and reissue the macro.
System programmer response: None.
Module: EZAPPFLT
Procedure Name: .N2

---

**EZY0733E**  INVALID HOUR VALUE

Explanation: The EZAPPFLT macro detected an hour value greater than 23. The system sets the time value to zero.
System action: Processing continues.
Operator response: Correct the hour value and reissue the macro.
System programmer response: None.
Module: EZAPPFLT
Procedure Name: .NERR3

---

**EZY0734E**  INVALID MINUTE VALUE

Explanation: The macro detected a minute value greater than 59. The system sets the time value to zero.
System action: Processing continues.
Operator response: Correct the minute value and reissue the macro.
System programmer response: None.
Module: EZAPPFLT
Procedure Name: .NERR4

---

**EZY0750I**  NPF Logging Facility Started

Explanation: The Network Print Facility has started the logging activity, which will write all output to the data set specified by the EZAPLOG DD statement.
System action: Processing continues.
Operator response: None.
EZY0751E • EZY0801I

System programmer response: None.
Module: EZAPPFCM

EZY0751E  OPEN Failure on NPF Logging File
Explanation: An error was encountered while attempting to open the data set specified by the EZAPPLOG DD statement. No logging will be done for this instance of NPF.
System action: Processing continues.
Operator response: None.
System programmer response: Verify that the file specified by the EZAPPLOG DD statement exists and is correctly specified.
Module: EZAPPFCM

EZY0752E  No More Space for NPF Logging File
Explanation: An error was encountered while attempting to write a record to the data set specified by the EZAPPLOG DD statement. All logging will be terminated immediately for this instance of NPF.
System action: Processing continues.
Operator response: None.
System programmer response: Increase the size of the data set specified by the EZAPPLOG DD statement and restart NPF.
Module: EZAPPFCM

EZY0753E  I/O Error on NPF Logging File
Explanation: The Network Print Facility has encountered an I/O error while attempting to write a record to the data set specified by the EZAPPL06 DD statement. All logging will be ended immediately for this instance of NPF.
System action: NPF processing continues.
Operator response: None.
System programmer response: Investigate the cause of the I/O error associated with the EZAPPCTR DD statement. Previous error messages might have been generated.
Module: EZAPPCTR
Procedure Name:

EZY0800I  Starting the Network Print Facility VTAM Interface (NPFV)
Explanation: The Network Print Facility VTAM interface has been invoked.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPAAA
Procedure Name: AACMSG00

EZY0801I  Terminating the Network Print Facility VTAM Interface (NPFV)
Explanation: The Network Print Facility VTAM interface is terminating.
System action: The program ends.
Operator response: None.
System programmer response: None.
Module: EZAPPPAAA  
Procedure Name: AAAEXIT0  

EZY0803E  Storage allocation error  
Explanation: The NPF VTAM capture point application encountered a storage allocation error.  
System action: The program ends abnormally.  
Operator response: Notify the system programmer.  
System programmer response: Increase the storage allocation for the capture point.  
Module: EZAPPPAAA, EZAPPCHD, EZAPPCLU, EZAPPPOPN, EZAPPPRS, EZAPPQST, EZAPPVPP  
Procedure Name: various  

EZY0804E  Timer not operational  
Explanation: A timer used by the NPF VTAM capture point application is not operational. This can indicate a programming error.  
System action: The application continues.  
Operator response: None.  
System programmer response: If this error results in system problems, contact the IBM Software Support Center.  
Module: EZAPPCHD  
Procedure Name: various  

EZY0806E  No PARM field specified  
Explanation: The EXEC statement for the NPF VTAM capture point application did not contain the required PARM value field.  
System action: The program ends abnormally.  
Operator response: None.  
System programmer response: Correct and reissue the EXEC statement. For more information on the EXEC statement, see z/OS Communications Server: IP Network Print Facility.  
Module: EZAPPPRS  
Procedure Name: NOPARMS, PARMSOK  

EZY0807E  PARM list ended abnormally  
Explanation: MVS was unable to create a PARM list for use by the NPF VTAM capture point application. This indicates an internal error.  
System action: The application halts.  
Operator response: Notify the system programmer.  
System programmer response: Contact the IBM Software Support Center.  
Module: various  
Procedure Name: various  

EZY0808E  No keyword specified in the PARM field  
Explanation: The EXEC statement for the NPF VTAM capture point application did not contain a required keyword before the equal sign in the PARM list.  
System action: The program ends abnormally.  

EZY0809E  EZY0812E

Operator response: None.
System programmer response: Correct the PARM list and reissue the EXEC statement. For more information on the EXEC statement, see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPPRS
Procedure Name: GOTKEY

---

EZY0809E  Keyword too long: keyword
Explaination: The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM field that was greater than 8 characters.
System action: The program ends abnormally.
Operator response: None.
System programmer response: Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPPRS
Procedure Name: GOODKEYL

---

EZY0810E  Invalid keyword: keyword
Explaination: The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM field that was not valid.
System action: The program ends abnormally.
Operator response: None.
System programmer response: Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPPRS
Procedure Name: FINDVALU

---

EZY0811E  No parameter specified for keyword
Explaination: The EXEC statement for the NPF VTAM capture point application contained a keyword in the PARM list value with no parameter specified.
System action: The program ends abnormally.
Operator response: None.
System programmer response: Correct the PARM field completely and reissue the EXEC statement. For more information on the EXEC statement, see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPPRS
Procedure Name: PROCVALU

---

EZY0812E  Invalid parameter specified for keyword
Explaination: The EXEC statement for the NPF VTAM capture point application contained a keyword with an incorrect parameter.
System action: The program ends abnormally.
Operator response: None.
System programmer response: Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see z/OS Communications Server: IP Network Print Facility.
Module: EZAPPPRS
**EZY0813E** parameter parameter too long

**Explanation:** The EXEC statement for the NPF VTAM capture point application contained a keyword with that was too long.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/docs/en/zoscommunications-server/3.2.0?topic=network-print-facilities).

**Module:** EZAPPPRS

**Procedure Name:** TRCLENOK

---

**EZY0814E** No LUCLASS specified

**Explanation:** The PARM field on the EXEC statement did not specify an LUCLASS parameter. For the NPF VTAM capture point application, this parameter is required.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the PARM field and reissue the EXEC statement. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/docs/en/zoscommunications-server/3.2.0?topic=network-print-facilities).

**Module:** EZAPPPRS

**Procedure Name:** PRSEXIT0

---

**EZY0815E** No LUs were found with the specified LUCLASS

**Explanation:** No match was found between the LU classes specified in the startup parameters for a VTAM application and the LU classes specified for destinations in the routing file.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/docs/en/zoscommunications-server/3.2.0?topic=network-print-facilities).

**Module:** EZAPPCLU

**Procedure Name:** CLUEXIT0

---

**EZY0816E** MAXOPEN too big for MAXFLSTG

**Explanation:** The MAXOPEN and MAXFLSTG subparameters were both specified in the JCL that starts the Network Print Facility’s VTAM Capture Point application. MAXFLSTG is less than MAXOPEN multiplied by 16K (MAXOPEN * 16K) which means that MAXOPEN is not providing any meaningful limit function.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Specify a MAXFLSTG value greater than or equal to MAXOPEN * 16K or eliminate the MAXOPEN subparameter. For more information on the MAXOPEN and MAXFLSTG subparameters, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/docs/en/zoscommunications-server/3.2.0?topic=network-print-facilities).

**Module:** EZAPPCHD
### EZY0817E • EZY0822E

**EZY0817E**  
**Unable to load module**

**Explanation:** There was a problem loading the specified module.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure that there is sufficient storage available to load the module.

**Module:** various

---

**EZY0818E**  
**ATTACH of module failed**

**Explanation:** The NPF VTAM capture point application was unable to attach the specified module.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure that there is sufficient storage available to load the module.

**Module:** EZAPPVPP

**Procedure Name:** VPCMSG07, ATTCHQST, ATTCHQOK

---

**EZY0820E**  
**OPEN failed for routing file.**

**Explanation:** The NPF VTAM capture point application was unable to open the routing file.

**System action:** The program ends abnormally.

**Operator response:** None.

**System programmer response:** Make sure the file indicated in the message exists and the DD statement is correct.

**Module:** EZAPPCLU

**Procedure Name:** ISSUERR

---

**EZY0821E**  
**GET failed for routing file**

**Explanation:** The NPF VTAM capture point application encountered an error trying to retrieve a routing record.

**System action:** If the program was initializing when the error occurred, the program ends abnormally, otherwise, the program continues.

**Operator response:** Notify the system programmer.

**System programmer response:** This should be accompanied by message EZY0630E, which gives the name of the routing that proved unsuccessful. Follow the response for that message.

**Module:** EZAPPCLU

**Procedure Name:** ISSUERR

---

**EZY0822E**  
**name Duplicate LU names in routing file**

**Explanation:** The Network Print Facility VTAM capture point has found multiple VTAM routings with the same major name (**name**). There cannot be duplicate names in the routing file.

A VTAM routing is one for which a nonzero LUCLASS value has been specified. For VTAM routings, the major name is the printer’s LU name. For more information on input record fields of the routing file, see the [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/support/knowledgecenter/en/SSGUPG_1.11.0/com.ibm.zossnpm.ep5.doc/index.html) manual.

**System action:** The program uses the first VTAM routine with major name **name** and ignores the duplicates.

**Operator response:** None.

**System programmer response:** Remove the duplicate name from the major name field of the routing file.

**Module:** EZAPPCLU
**EZY0823E • EZY0826E**

**Procedure Name:** BADLU

**EZY0823E  xxxxxx - Undetermined OPEN error, RC = rc**

**Explanation:** An attempt to open an LU failed for an unknown reason. The value returned in the error field of the ACB is displayed in the `rc` portion of this message.

**System action:** The program marks the LU as permanently dead.

**Operator response:** Determine what type of error occurred by looking in the `/OS Communications Server: SNA Programming` under the OPEN macro, Completion Information section, then contact the system programmer.

**System programmer response:** For error code 36 (24 hexadecimal), correct the specified APPL definition. For all other error codes, contact the IBM Software Support Center.

**Module:** EZAPPCLU

**Procedure Name:**

---

**EZY0824E  name - LU unknown to VTAM**

**Explanation:** The indicated LU is not known to VTAM.

**System action:** The program marks the LU as retryable and will periodically attempt to open the LU.

**Operator response:** Make sure the specified LU is defined to VTAM and activated.

**System programmer response:** Make sure the LUCLASS parameter in the JCL specifies the correct set of LU names in the routing file. Correct the startup parameter or the routing file. For more information on the EXEC statement, see `/OS Communications Server: IP Network Print Facility`.

**Module:** EZAPPOPN

**Procedure Name:** OPCMSG05

---

**EZY0825E  name - LU is in the process of being opened or closed**

**Explanation:** A connection request has been received for the specified LU that is in the process of opening or closing.

**System action:** The program marks the LU as retryable and will periodically attempt to open the LU.

**Operator response:** Make sure the LU is not already in use by another application.

**System programmer response:** None.

**Module:** EZAPPOPN

**Procedure Name:** OPCMSG06

---

**EZY0826E  LU name - LU already in use by another application**

**Explanation:** A connection request has been received for the specified LU which is already active.

**System action:** The system marks the LU as retryable and will periodically attempt to open the LU.

**Operator response:** None.

**System programmer response:** Correct the startup parameter or the routing file. Also, make sure the specified LU is not already in use by another application. For more information on the EXEC statement, see `/OS Communications Server: IP Network Print Facility`.

**Module:** EZAPPOPN

**Procedure Name:** OPCMSG07

---
**EZY0827E**  **EZY0831E**

---

**EZY0827E**  *name - LU was improperly defined in VTAM definition deck*

**Explanation:** The specified LU name that is assigned to the NPF VTAM capture point application has attributes that are inconsistent with this use.

**System action:** The program ignores the LU.

**Operator response:** Make sure the LU is not already in use.

**System programmer response:** Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](https://publib-b.isp.zos.mvs/pt0573a001/p0573a001.html).

**Module:** EZAPPOPN  
**Procedure Name:** OPCMSG08

---

**EZY0828E**  *number LUs unknown to VTAM*

**Explanation:** The indicated number of LUs are not known to VTAM.

**System action:** The program marks the LUs as retryable and will periodically attempt to open them.

**Operator response:** Make sure the LUs are defined to VTAM and activated.

**System programmer response:** Make sure the LUCLASS parameter in the JCL specifies the correct set of LU names in the routing file. Correct the startup parameter or the routing file. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](https://publib-b.isp.zos.mvs/pt0573a001/p0573a001.html).

**Module:** EZAPPOPN  
**Procedure Name:** OPCMSG05

---

**EZY0829E**  *number LUs in the process of being opened or closed*

**Explanation:** The indicated number of LUs are in the process of opening or closing.

**System action:** The program marks the LUs as retryable and will periodically attempt to open them.

**Operator response:** Make sure the LUs are not already in use by another application.

**System programmer response:** None.

**Module:** EZAPPOPN  
**Procedure Name:** OPCMSG06

---

**EZY0830E**  *number LUs already in use by another application*

**Explanation:** A connection request has been received for the indicated number of LUs, which are already active.

**System action:** The system marks the LUs as retryable and will periodically attempt to open them.

**Operator response:** None.

**System programmer response:** Correct the startup parameter or the routing file. Also, make sure the specified LU is not already in use by another application. For more information on the EXEC statement, see [z/OS Communications Server: IP Network Print Facility](https://publib-b.isp.zos.mvs/pt0573a001/p0573a001.html).

**Module:** EZAPPOPN  
**Procedure Name:** OPCMSG07

---

**EZY0831E**  *number LUs improperly defined in VTAM definition deck*

**Explanation:** The indicated number of LUs are assigned to the NPF VTAM capture point application and have attributes that are inconsistent with this use.

**System action:** The program ignores the LUs.

**Operator response:** Make sure the LUs are not already in use.
System programmer response: Correct the startup parameter or the routing file. For more information on the EXEC statement, see z/OS Communications Server: IP Network Print Facility.

Module: EZAPPOPN
Procedure Name: OPCMSG08

EZY0832E  SETLOGON failed for name
Explanation: An attempt was made to issue a SETLOGON START for an open ACB.
System action: The program closes the ACB and will periodically retry the OPEN ACB and SETLOGON operations.
Operator response: Notify the system programmer of the error.
System programmer response: Make sure enough storage is available for VTAM.
Module: EZAPPOPN
Procedure Name: OPCMSG09

EZY0833E  VTAM is currently inactive
Explanation: The VTAM support on the system is not active.
System action: The program continues to run and will periodically retry the VTAM OPEN ACB operation.
Operator response: Make sure VTAM is active before starting Network Print Facility for VTAM.
System programmer response: None.
Module: EZAPPOPN
Procedure Name: OPCMSG03

EZY0834E  VTAM is shutting down
Explanation: The VTAM support on the system is being shut down.
System action: The program continues to run and will periodically retry the VTAM OPEN ACB operation.
Operator response: Reactivate VTAM or end Network Print Facility for VTAM.
System programmer response: None.
Module: EZAPPOPN
Procedure Name: OPCMSG04

EZY0835E  No VTAM exists on the system
Explanation: The system contains no VTAM support.
System action: The program ends abnormally.
Operator response: None.
System programmer response: Make sure VTAM is installed before running Network Print Facility for VTAM.
Module: EZAPPOPN
Procedure Name: OPCMSG02

EZY0837I  Enter NPFV application operator command
Explanation: This message prompts for an operator command. The possible commands and their usage can be found in the z/OS Communications Server: IP Network Print Facility.
System action: Processing continues.
Operator response: See the z/OS Communications Server: IP Network Print Facility for information on NPFV application operator commands and their usage.
System programmer response: None.
Module: EZAPPAAA, EZAPPCHD
Procedure Name: AAIW TOR

EZY0838E  Invalid reply specified
Explanation: The reply to message EZY0837I is not correct.
System action: The system prompts for another reply.
Operator response: Re-enter the correct reply.
System programmer response: None.
Module: EZAPPCHD
Procedure Name: CHCMSG02

EZY0839E  LU specified not in the routing file
Explanation: The LU specified on the LUNAME operator reply was not found in the routing file.
System action: Processing continues.
Operator response: Make sure the correct LUNAME is specified and reenter the request.
System programmer response: Update the routing file if necessary.
Module: EZAPPCLU
Procedure Name:  

EZY0840E  LU specified already open
Explanation: The requested LU was already open.
System action: Processing continues.
Operator response: Make sure that the proper LU was requested.
System programmer response: None.
Module: EZAPPCLU
Procedure Name: DOSRCH1

EZY0841E  Routing file record not specified as NPF VTAM record
Explanation: The user requested a new LU be opened by the NPF VTAM capture point application. The one requested is not marked as a VTAM record.
System action: Processing continues.
Operator response: Make sure the correct LU name was entered.
System programmer response: Make sure the routing file has been configured correctly.
Module: EZAPPCLU
Procedure Name: BADLU

EZY0842I  LUNAME ADD succeeded
Explanation: The LU was successfully created.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPCHD
Procedure Name: OPNLUXIT

**EZY0843E**  LUNAME ADD failed

Explanation: There was an error while attempting to create a Logical Unit.
System action: Processing continues.
Operator response: Notify the system programmer.
System programmer response: Determine if the appropriate parameters were specified on the EXEC statement for the creation of an LU.

Module: EZAPPCHD
Procedure Name: CREATFLD

**EZY0844I**  LUNAME DEL succeeded

Explanation: A connection has been successfully deleted.
System action: Processing continues.
Operator response: None.
System programmer response: None.

Module: EZAPPCHD
Procedure Name: n/a

**EZY0845E**  LUNAME DEL failed - LU does not exist

Explanation: A connection could not be deleted because the specified connection does not exist.
System action: Processing continues.
Operator response: Make sure the connection was properly specified.
System programmer response: None.

Module: EZAPPCHD
Procedure Name: n/a

**EZY0846E**  LUNAME DEL failed - LU still OPEN

Explanation: A connection could not be deleted. The logical unit is still open.
System action: Processing continues.
Operator response: Make sure that the LU is properly specified and not in use by another application.
System programmer response: None.

Module: EZAPPCHD
Procedure Name: n/a

**EZY0847I**  Table reload complete

Explanation: The end-of-file rules table or the default page format table has been reloaded after the RELOAD command has been issued. For more information, see the z/OS Communications Server: IP Network Print Facility manual.
System action: Processing continues.
Operator response: None.
System programmer response: None.
EZY0848E • EZY0851E

Module: EZAPPCHD
Procedure Name: FREECOM

EZY0848E  LOAD failed for new table

Explanation: There was an error loading the new end-of-file rules table or the default page format table. See z/OS Communications Server: IP Network Print Facility for more information.

System action: Processing continues.

Operator response: Notify the system programmer.

System programmer response: Make sure that the table exists and is in the proper library, and that sufficient storage is available to support the table.

Module: EZAPPCHD
Procedure Name: LOADERR1

EZY0849E  Format invalid for new table

Explanation: The new end-of-file rules table or the default page format table format was unrecognized. For information on the page formatting macros, see z/OS Communications Server: IP Network Print Facility.

System action: Processing continues.

Operator response: Notify the system programmer.

System programmer response: Correct the table format and recompile and link edit the corrected table.

Module: EZAPPCHD
Procedure Name: LOADERR2

EZY0850I  Command accepted

Explanation: The requested command has been accepted by the Network Print Facility. This message is issued in response to QUIT, QUIT FORCE, or KILL commands in reply to message EZY0837I, or STOP in reply to message EZY0960I. The command has been accepted as valid and shutdown of the NPF jobs has begun. There might be a significant delay between the issuing of this message and the completion of the shutdown process.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAPPCHD, EZAPPQSB

EZY0851E  INVALID INVOCATION OF EZAPPDPE

Explanation: EZAPPDPE is a macro used by EZAPPDPF. This message indicates a logic error in EZAPPDPF. The EZAPPDPF macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Call the IBM Software Support Center to report the problem.

Module: EZAPPDPE
Procedure Name: EZAPPDPE
EZY0852E  INVALID CHARACTER IN field VALUE

Explanation: Only numbers between 0 and 9 can be specified in the value field. The EZAPPDPF macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Correct the value in the specified field of the EZAPPDPF macro. Use only numerics between 0 and 9 in the value field.

Module: EZAPPFT

Procedure Name: EZAPPDPF

EZY0854E  PAGE FORMAT NAME IS REQUIRED

Explanation: Each page format you specify with the EZAPPDPF macro in the EZAPPPFT module must have a name. The EZAPPDPF macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Specify a name for this page format table entry on the EZAPPDPF macro. For the proper syntax of the macro, see z/OS Communications Server: IP Network Print Facility.

Module: EZAPPFT

Procedure Name: EZAPPDPF

EZY0855E  PAGE FORMAT NAME TOO LONG

Explanation: The page format name you specified with the EZAPPDPF macro in the EZAPPPFT module is longer than eight characters. For more information on the EZAPPDPF macro, see z/OS Communications Server: IP Network Print Facility. The EZAPPDPF macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the EZAPPDPF macro so the entry name is the correct length. For proper syntax of the macro, see z/OS Communications Server: IP Network Print Facility.

Module: EZAPPFT

Procedure Name: EZAPPDPF

EZY0856E  MAX PRES. POSITION GREATER THAN 255

Explanation: The maximum presentation position (MPP) is an optional keyword representing the line length. This can be an integer from 0 to 255. A value of 0 uses the printer’s default of 80 columns. For more information on this keyword, see z/OS Communications Server: IP Network Print Facility. The macro EZAPPDPF is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the MPP parameter in the EZAPPDPF macro to a number from 0 to 255.

Module: EZAPPFT

Procedure Name: EZAPPDPF
**EZY0857E • EZY0860E**

**EZY0857E  LEFT MARGIN CANNOT EXCEED MPP**

**Explanation:** The maximum presentation position (MPP) represents the line length. The left margin keyword (LM), which identifies where the left margin starts, cannot have a value greater than the value for MPP. A value of 0 defaults to column 1. For more information on the keywords of the EZAPPDPF macro, see [z/OS Communications Server: IP Network Print Facility](https://publib.boulder.ibm.com/infocenter/comoref/v1r11/index.jsp). The EZAPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the LM parameter in the EZAPPFPT macro to have a value between 0 and the value for MPP.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPF

---

**EZY0858E  RIGHT MARGIN < LM OR > MPP**

**Explanation:** The keyword representing where the right margin starts has a value that is either less than the value for left margin (LM) or it is greater than the value for the maximum presentation position (MPP). A value of 0 is also permitted and sets the right margin equal to the maximum presentation position (MPP). For more information on the keywords for the EZAPPDPF macro, see [z/OS Communications Server: IP Network Print Facility](https://publib.boulder.ibm.com/infocenter/comoref/v1r11/index.jsp). The EZAPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the right margin (RM) value to be 0 or less than the value for MPP and greater than the value for LM.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPF

---

**EZY0859E  HTn < LM OR > RM**

**Explanation:** The nth value specified for the horizontal tabs (HT=(...)) is not valid because it is either less than the left margin or greater than the right margin. A value of 0 is also permitted and is ignored. For more information about the EZAPPDPF macro, see [z/OS Communications Server: IP Network Print Facility](https://publib.boulder.ibm.com/infocenter/comoref/v1r11/index.jsp). The EZAPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the horizontal tabs (HT) value to be 0 or greater than the LM value and less than the RM value.

**Module:** EZAPPPFT

**Procedure Name:** EZAPPDPF

---

**EZY0860E  MAX PRES. LINE GREATER THAN 255**

**Explanation:** The maximum presentation line (MPL) is an optional keyword representing the page length in lines. This value can be an integer from 0 to 255. A value of 0 uses the printer default of 1 line. For more information on this keyword of the EZAPPDPF macro, see [z/OS Communications Server: IP Network Print Facility](https://publib.boulder.ibm.com/infocenter/comoref/v1r11/index.jsp). The EZAPPDPF macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Change the maximum presentation line (MPL) value to a number between 0 and 255.
EZY0861E TOP MARGIN CANNOT EXCEED MPL

Explanation: The top margin (TM) keyword specifies what line number the top margin starts on. This value cannot be greater than the value for the maximum page length (MPL). A value of 0 sets the top margin to line 1. For more information on this keyword of the EZAPPDPF macro, see z/OS Communications Server: IP Network Print Facility. The EZAPPDPF macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the value for the TM keyword in the EZAPPDPF macro to a number between 0 and the value for MPL.

Module: EZAPPPFT
Procedure Name: EZAPPDPF

EZY0862E BOTTOM MARGIN < TM OR > MPL

Explanation: The value for the bottom margin (BM) cannot be less than the top margin (TM) or greater than the page length (MPL). A value of 0 is also permitted and sets the bottom margin equal to the page length. For more information on this keyword of the EZAPPDPF macro, see z/OS Communications Server: IP Network Print Facility. The EZAPPDPF macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the BM value in the EZAPPDPF macro to be 0 or greater than TM and less than MPL.

Module: EZAPPPFT
Procedure Name: EZAPPDPF

EZY0863E VTn < TM OR > BM

Explanation: The nth value specified for vertical tabs (VT=(...)) was not valid. The value must be less than the value for BM (bottom margin) or greater than the value for TM (top margin). A value of 0 is also permitted and is ignored. For more information about the EZAPPDPF macro, see z/OS Communications Server: IP Network Print Facility manual. The EZAPPDPF macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the value for the vertical tabs (VT) to be 0 or greater than the value for TM and less than the value for BM.

Module: EZAPPPFT
Procedure Name: EZAPPDPF

EZY0864I MAX PRES. POSITION DEFAULTED TO 80

Explanation: The optional maximum presentation position (MPP) keyword was not included in the EZAPPDPF macro syntax. The MPP will default to a value of 80.

System action: The assembler continues.

Operator response: None.

System programmer response: None.

Module: EZAPPPFT
Procedure Name: EZAPPDPF

EZY0865I LEFT MARGIN DEFAULTED TO 1
Explanation: The left margin (LM) was not specified in the EZAPPDPF macro. The LM will default to 1. To change the left margin, see z/OS Communications Server: IP Network Print Facility under the EZAPPDPF macro.
System action: The assembler continues.
Operator response: None.
System programmer response: None.
Module: EZAPPF
Procedure Name: EZAPPDPF

EZY0866I RIGHT MARGIN DEFAULTED TO MPP
Explanation: The right margin (RM) was not specified in the EZAPPDPF macro. The RM will default to the value of MPP. For information on how to change the RM, see z/OS Communications Server: IP Network Print Facility.
System action: The assembler continues.
Operator response: None.
System programmer response: None.
Module: EZAPPF
Procedure Name: EZAPPDPF

EZY0867I HTn DEFAULTED TO 0
Explanation: The nth horizontal tab parameter was omitted from the list specified with the HT=(ht1,ht2,...) keyword on the EZAPPDPF macro. The nth horizontal tab will default to a value of 0. For information on the HT keyword, see z/OS Communications Server: IP Network Print Facility under the EZAPPDPF macro.
System action: The assembler continues.
Operator response: None.
System programmer response: None.
Module: EZAPPF
Procedure Name: EZAPPDPF

EZY0868I MAX PRES. LINE DEFAULTED TO 1
Explanation: The maximum presentation line (MPL) keyword was not found in the EZAPPDPF macro. MPL will default to a value of 1. The MPL represents the page length in lines.
System action: The assembler continues.
Operator response: None.
System programmer response: None.
Module: EZAPPF
Procedure Name: EZAPPDPF

EZY0869I TOP MARGIN DEFAULTED TO 1
Explanation: The optional top margin (TM) keyword was not found in the EZAPPDPF macro. TM will default to a value of 1. For more information on this keyword, see z/OS Communications Server: IP Network Print Facility under the EZAPPDPF macro.
System action: The assembler continues.
EZY0870I  BOTTOM MARGIN DEFAULTED TO MPL

Explanation: The bottom margin (BM) was not found in the EZAPPDPF macro. BM will default to a value equal to the value of MPL. For more information on this keyword, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/servers/resourcelink) under the EZAPPDPF macro.

System action: The assembler continues.

Operator response: None.

System programmer response: None.

Module: EZAPPPFT

Procedure Name: EZAPPDPF

EZY0871I  VTn DEFAULTED TO 0

Explanation: The nth vertical tab parameter was omitted from the list specified with the VT=(vt1,vt2,...) keyword on the EZAPPDPF macro. The nth vertical tab will default to a value of 0. For more information on this keyword, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/servers/resourcelink).

System action: The assembler continues.

Operator response: None.

System programmer response: None.

Module: EZAPPPFT

Procedure Name: EZAPPDPF

EZY0872W  DEFAULT PAGE FORMAT NOT GENERATED

Explanation: No entry name was specified, or one or more of the following had a non-numeric value as its parameter:
- MPP
- LM
- RM
- HT
- MPL
- TM
- BM
- VT

System action: The assembler continues.

Operator response: None.

System programmer response: Verify that all the keywords in the EZAPPDPF macro have correct values. Also, verify that the format has an entry name. See [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/servers/resourcelink) for more information on the keywords.

Module: EZAPPPFT

Procedure Name: EZAPPDPF
EZY0873E • EZY0876E

EZY0873E  STB VALUE xxx IS INVALID

Explanation: The only valid settings for the STB operand (Suppress Trailing Blanks) are YES and NO. The EZAPPDPF macro is not expanded.

System action: Processing continues.

Operator response: None.

System programmer response: Correct the value in the STB field of the EZAPPDPF macro.

Module: EZAPPFFT

EZY0874E  TYPE=END MUST BE LAST MACRO

Explanation: If the TYPE parameter in the EZAPPEFM macro is END, the macro must mark the end of the table. For information on other possibilities of the TYPE parameter, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Make sure that the EZAPPEFM TYPE=END macro call is the last statement in your EZAPPEFT source deck.

Module: EZAPPEFT

Procedure Name: EZAPPEFM

EZY0875E  TYPE PARAMETER IS REQUIRED

Explanation: The TYPE keyword is required for identifying the function of the EZAPPEFM macro. The 4 possible values are:

• SYSDFLT
• ENTRY
• PLU
• END

For information on these values, see z/OS Communications Server: IP Network Print Facility manual. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: When coding the EZAPPEFM macro, make sure to include the TYPE keyword and an appropriate value.

Module: EZAPPEFT

Procedure Name: EZAPPEFM

EZY0876E  TYPE PARAMETER INVALID

Explanation: When specifying the TYPE value when coding the EZAPPEFM macro, use one of the following values:

• SYSDFLT
• ENTRY
• PLU
• END

For more information on these values, see z/OS Communications Server: IP Network Print Facility manual. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Correct the value for the TYPE keyword of the EZAPPEFM macro.
Module: EZAPPEFT
Procedure Name: EZAPPEFM

**EZY0877E**  TYPE=SYSDFLT MUST BE THE FIRST MACRO

Explanation: The SYSDFLT parameter was present for the TYPE keyword when the EZAPPEFM macro was coded. It must be the first EZAPPEFM macro and it must be the only EZAPPEFM macro in the module with the SYSDFLT value. For information on the values of the TYPE keyword, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the value of the TYPE value in the EZAPPEFM macro or make this the first EZAPPEFM macro in the module.

Module: EZAPPEFT
Procedure Name: EZAPPEFM

**EZY0878E**  MUST FOLLOW VALID TYPE=ENTRY MACRO

Explanation: Before coding the TYPE=PLU keyword in the EZAPPEFM macro, there must be a TYPE=ENTRY keyword in a previous EZAPPEFM macro. For more information on the TYPE keyword, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Add an EZAPPEFM macro with the TYPE=ENTRY keyword, before the macro with TYPE=PLU.

Module: EZAPPEFT
Procedure Name: EZAPPEFM

**EZY0879E**  TABLE ENTRY NAME IS REQUIRED

Explanation: When coding the TYPE=ENTRY keyword in the EZAPPEFM macro, you must specify the name for the end-of-file rules table entry as the label on the macro. For information on the EZAPPEFM macro, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Include name of the end-of-file rules table entry as the label on the EZAPPEFM macro.

Module: EZAPPEFT
Procedure Name: EZAPPEFM

**EZY0880E**  TABLE ENTRY NAME TOO LONG

Explanation: When coding the EZAPPEFM TYPE=ENTRY macro, the macro label (name of the table entry) must be between 1 and 8 alphanumeric characters long. For information about the EZAPPEFM macro, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro ends abnormally.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the macro label to contain 8 or less alphanumeric characters.

Module: EZAPPEFT
EZ0881E • EZ0884E

Procedure Name: EZAPPEFM

---

EZ0881E  NAME FOUND WHEN NOT TYPE=ENTRY

Explanation: A label on the EZAPPEFM macro is only permitted when the TYPE is ENTRY. See z/OS Communications Server: IP Network Print Facility for more information on the macro. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Correct the EZAPPEFM macro adding the TYPE=ENTRY keyword or deleting the macro label.

Module: EZAPPEFT
Procedure Name: EZAPPEFM

---

EZ0882E  PLUNAME IS REQUIRED

Explanation: While coding the EZAPPEFM macro, the TYPE=PLU keyword was found and there is no value for the PLUNAME. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Add the PLUNAME keyword and value to the macro. For information on the macro syntax and the PLUNAME keyword, see z/OS Communications Server: IP Network Print Facility.

Module: EZAPPEFT
Procedure Name: EZAPPEFM

---

EZ0883E  PLUNAME FOUND WHEN NOT TYPE=PLU

Explanation: When the TYPE value is not PLU, there must not be a keyword PLUNAME. For information the EZAPPEFM macro, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Remove the PLUNAME keyword or change the TYPE value to PLU.

Module: EZAPPEFT
Procedure Name: EZAPPEFM

---

EZ0884E  PLUNAME TOO LONG

Explanation: The value for the PLUNAME keyword of the macro syntax is too long. The maximum number of alphanumeric characters that a PLUNAME value can be is 8. For more information, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the PLUNAME to be less than or equal to 8 alphanumeric characters.

Module: EZAPPEFT
Procedure Name: EZAPPEFM
EZY0885E  PLUNAME HAS NO SIGNIFICANT CHARS

Explanation: The PLUNAME value specified for the PLUNAME keyword contained no characters other than * or ?. For naming conventions for the PLUNAME value, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Change the value specified by the PLUNAME keyword in the EZAPPEFM macro syntax to contain at least 1 significant character.

Module: EZAPPEFT

Procedure Name: EZAPPEFM

---

EZY0886E  PLUNAME HAS IMBEDDED BLANK OR *

Explanation: An asterisk or a blank was found in the middle of the PLUNAME value. The asterisk can be used as a wildcard at the beginning or the end of a PLUNAME value, but not in the middle. Blank spaces are not permitted in the middle of a PLUNAME value either. For naming conventions for the PLUNAME value, see [z/OS Communications Server: IP Network Print Facility](#) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Correct the PLUNAME value in the EZAPPEFM macro.

Module: EZAPPEFT

Procedure Name: EZAPPEFM

---

EZY0887E  PLUNAME HAS MIXED * AND ?

Explanation: Both an asterisk and a question mark were found in the PLUNAME value. See the [z/OS Communications Server: IP Network Print Facility](#) manual for information on naming conventions for the PLUNAME value. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Correct the PLUNAME value in the EZAPPEFM macro.

Module: EZAPPEFT

Procedure Name: EZAPPEFM

---

EZY0888E  EOFn= NOT ALLOWED WITH EOF=

Explanation: Both the EOFn and the EOF keywords were found in the syntax for the EZAPPEFM macro. See the [z/OS Communications Server: IP Network Print Facility](#) manual for information on the end-of-file rules. The EZAPPEFM macro is not expanded.

System action: The assembler continues.

Operator response: None.

System programmer response: Delete the appropriate keyword from the macro.

Module: EZAPPEFT

Procedure Name: EZAPPEFM
EZY0889E  EOF SPEC REQUIRED

Explanation: The TYPE value in the EZAPPEFM macro was either SYSDFLT or PLU. With these values, an EOF or EOFn keyword is required. For information on these values, see z/OS Communications Server: IP Network Print Facility under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action: The assembler continues.
Operator response: None.
System programmer response: Add an appropriate EOF or EOFn value to the EZAPPEFM macro.
Module: EZAPPEFT
Procedure Name: EZAPPEFM

EZY0890E  EOF SPEC NOT ALLOWED ON TYPE=END

Explanation: The EOF keywords are not allowed when the TYPE value is END. For more information on the EOF specifications, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.
Operator response: None.
System programmer response: Remove the EOF keyword from the EZAPPEFM macro.
Module: EZAPPEFT
Procedure Name: EZAPPEFM

EZY0891E  parameter PARAMETER UNRECOGNIZED

Explanation: The value specified for the EOF or EOFn keyword on the EZAPPEFM macro is incorrect. The possible values are:
- EB
- EC
- ES
- STRING
- TIMER

For more information on these values, see z/OS Communications Server: IP Network Print Facility. The EZAPPEFM macro is not expanded.

System action: The assembler continues.
Operator response: None.
System programmer response: Replace the EOF or EOFn value with the appropriate value.
Module: EZAPPEFT
Procedure Name: EZAPPEFM

EZY0892E  EOFn IDLE/BUSY TIMES REQUIRED

Explanation: When entering the value for the EOFn=(TIMER,idleint,busyint) keyword, the TIMER value must be followed by an idle interval and a busy interval, each specified in seconds. For information on these parameters, see z/OS Communications Server: IP Network Print Facility under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action: The assembler continues.
Operator response: None.
System programmer response: Add the idleint and busyint parameters to the value of the EOF or EOFn keyword.
Module: EZAPPEFT
Procedure Name: EZAPPEFM
**EZY0893E**  STRING KEEP / DEL REQUIRED

**Explanation:** If the STRING value is used when coding the end-of-file rules (EOF) keyword for the EZAPPEFM macro, it must be accompanied by a KEEP or DEL parameter. For information on these additions, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/support/knowledgecenter/SSLTBK_36吨36吨65_18/zos_commserver_ipnetworkprintfacility/) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Add the KEEP or DEL parameter to the STRING value in the coding of the EOF keyword of the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0894E**  STRING VALUE REQUIRED

**Explanation:** When coding the STRING value for the EOF keyword in the EZAPPEFM macro, a parameter must be included. The parameter can either be a character or hexadecimal value that does not exceed 56 characters. For more information, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/support/knowledgecenter/SSLTBK_36吨36吨65_18/zos_commserver_ipnetworkprintfacility/) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the macro syntax to contain a parameter for the STRING value of the EOF keyword.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0895E**  TIMER NOT ALLOWED WITH LU1

**Explanation:** The TIMER value can be used with EOF0 or EOF3 and cannot be used with EOF or EOF1. For more information, see [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/support/knowledgecenter/SSLTBK_36吨36吨65_18/zos_commserver_ipnetworkprintfacility/) under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Specify separate rules for EOF0, EOF1, and EOF3. Use a rule other than TIMER for the EOF1 keyword of the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM

---

**EZY0896E**  STRING DATATYPE NOT C OR X

**Explanation:** When coding the STRING value of the EOF keyword of the EZAPPEFM macro, the parameter must be a hexadecimal string (X) or a character string (C). See [z/OS Communications Server: IP Network Print Facility](https://www.ibm.com/support/knowledgecenter/SSLTBK_36吨36吨65_18/zos_commserver_ipnetworkprintfacility/) for more information. The EZAPPEFM macro is not expanded.

**System action:** The assembler continues.

**Operator response:** None.

**System programmer response:** Correct the value of the string in the EZAPPEFM macro.

**Module:** EZAPPEFT

**Procedure Name:** EZAPPEFM
EZY0897E  QUOTE REQUIRED AFTER C OR X

Explanation:  Following the C or X in the STRING parameter, there must be a quotation mark before the parameter. For more information on the parameters of the STRING value, see z/OS Communications Server: IP Network Print Facility under the EZAPPEFM macro. The EZAPPEFM macro is not expanded.

System action:  The assembler continues.

Operator response:  None.

System programmer response:  Correct the macro by adding a single quotation mark before the string and after the X or C in the EZAPPEFM macro. Remember to terminate the string with a single quotation mark also.

Module:  EZAPPEFT
Procedure Name:  EZAPPEFM

EZY0898E  MACRO DID NOT EXPAND

Explanation:  The macro syntax was incorrect. This message is displayed with another error message indicating what was not correct.

System action:  The assembler continues.

Operator response:  None.

System programmer response:  Use the message preceding this one to determine the error and correct the macro syntax.

Module:  EZAPPEFT
Procedure Name:  EZAPPEFM

EZY0910I  SYSOUT DYNALLOC/OPEN DONE

Explanation:  The creation and opening of the print data set is complete.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  EZAPPF D
Procedure Name:  OPNDDD1

EZY0911I  WILL RETRY FOR DYNALLOC

Explanation:  The first attempt to dynamically allocate a data set was not successful.

System action:  The program continues and again attempts to dynamically allocate a data set.

Operator response:  None.

System programmer response:  None.

Module:  EZAPPF D
Procedure Name:  OPNDDD1

EZY0912I  IS HELD IN JES QUEUE DUE TO NO VALID DESTINATION

Explanation:  Network Print Facility determined there is no valid routing record or options record for the print file. Network Print Facility does not know where to send the print file.

System action:  Processing continues.

Operator response:  Define a valid routing record or options record, and reissue the print request.

System programmer response:  None.
EZY0915I  fssid printerid JOB jobid jobname HELD IN JES QUEUE DUE TO NON-ZERO GETREC RC

Explanation: The Network Print Facility has received an error indication from JES during GETREC processing. No further processing of the output data set can be completed.

System action: The spool file on which the JES GETREC error occurred is changed to a HELD status in the JES queue. Processing continues with the next available print dataset.

Operator response: Ensure that the job creating the output has completed successfully. If the output is not printable, it might need to be purged from the JES queue.

System programmer response: Investigate the reason for the nonzero GETREC return code. A previous error message might have been generated, listing a GETREC error condition such as GLRLGE or GLRIOE. These codes are documented in the JES GETREC Processing section of z/OS MVS Using the Functional Subsystem Interface.

Module: EZAPPFA

EZY0920I  fssid printerid SYSOUT PUT/CLOSE DONE

Explanation: The creation of a print data set is complete and the close has been performed.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAPPFD

Procedure Name: CLSDDD1

EZY0921I  fssid printerid SYSOUT SEND DONE

Explanation: The transmission of the print data set via LPR is complete.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAPPFD

Procedure Name: CLSDDD1

EZY0922I  fssid printerid SYSOUT RELEASE DONE

Explanation: The JES writer has performed a termination function. This indicates the writer is ending and has successfully closed all files and detached subtasks related to Network Print Facility.

System action: The program ends.

Operator response: None.

System programmer response: None.

Module: EZAPPFD

Procedure Name: PFSADD1

EZY0930I  fssid printerid RESET TO FILE START REQUESTED

Explanation: An input record exit has requested the JES writer to reset the file to the beginning for reprocessing. The system restarts the JES output file.

System action: Processing continues.
EZ0931E  EZ0934E

Operator response:  None.
System programmer response:  None.
Module:  EZAPPFD
Procedure Name:  SFSDEIX

EZ0931E  GETMAIN FOR DEVICE DRIVER SDCB FAILED
Explanation:  The JES device driver is unable to allocate its workspace due to lack of virtual storage.
System action:  The system ends the JES device driver (writer).
Operator response:  Increase the virtual storage assigned to the writer and restart.
System programmer response:  None.
Module:  EZAPPFD
Procedure Name:  SFSADD1

EZ0932E  *ERROR* RC=rc FROM FCM. FSA IS TERMINATING..
Explanation:  The JES writer has received a recoverable error response from EZAPPFCM.
System action:  The system ends the JES device driver (writer).
Operator response:  Look for an accompanying message to provide details of the error. Respond based on the
accompanying message.
System programmer response:  None.
Module:  EZAPPFD
Procedure Name:  SFSDEIX

EZ0933E  MINOR ERROR RC=rc FROM FCM IS IGNORED
Explanation:  The JES writer has received a recoverable error response from EZAPPFCM such as an incorrect
routing.
System action:  The system continues and processes the next JES output.
Operator response:  Look for an accompanying message to provide details of the error. Respond based on the
accompanying message.
System programmer response:  None.
Module:  EZAPPFD
Procedure Name:  SFSDEIX

EZ0934E  *ERROR* CAN NOT LOAD EZAPPFCM
Explanation:  The JES writer failed in attempting to LOAD EZAPPFCM.
System action:  The system ends the JES device driver (writer).
Operator response:  Check the JOBLIB/STEPLIB assignments to make sure that the EZAPPFCM module is
accessible. If so, look for indications of a load being unsuccessful from MVS. Correct the error and retry.
System programmer response:  None.
Module:  EZAPPFD
Procedure Name:  SFSDEIX
EZY0939W  fssid printerid  WARNING! Truncating print data record length. Exceeds FSS maximum of 32756.

Explanation: The largest print data set record length for SPIN=DATASET has been exceeded. In order to prevent the FSS from ABENDING, the print data has been truncated.

System action: The NPF print data set is created with the maximum record length of 32756 and processing continues.

Operator response: Determine that no actual data was lost when the truncation occurred. If automatic truncation is not desired, the user can modify the DCB parameters on the DD statement within the job that creates the print data set. The combination that necessitated truncation of data is RECFM=U and BLKSIZE greater than 32756.

Although it might affect other processing in the user’s NPF environment, the problem can also be avoided by modifying the FSS to SPIN=GROUP. Make sure that SPIN=GROUP is acceptable before modifying this parameter.

System programmer response: None.

Module: EZAPPFD

EZY0951E  VSAM macro failure on macro  RETURN CODE = rc  REASON CODE = reason

Explanation: VSAM has encountered an error processing the Queue file.

MMMMMMMMM  The name of the VSAM macro that was unsuccessful.

RRRR  The return code provided by VSAM (in)

CCCC  The reason code provided by VSAM

System action: The program ends abnormally.

Operator response: None.

System programmer response: See z/OS DFSMS Macro Instructions for Data Sets for an explanation of the reason and response codes.

Module: EZAPPQSA

Procedure Name: QSIMSGPV

EZY0952E  NPF Queue Manager: Incorrect parameter/no parameter specified.

Explanation: The parameters specified in the PARM field of the JCL EXEC statement are either missing or incorrect.

System action: The Queue Manager program ends abnormally.

Operator response: Correct the parameters and reissue the EXEC statement. You must specify at least one parameter at startup, the time interval between queue scans. Specify this value in hours, minutes, and seconds format hhmms.

System programmer response: None.

Module: EZAPPQSA

Procedure Name: QSIMSG02

EZY0953E  ATTACH for EZAPPQSB failed.

Explanation: The ATTACH for the subtask running EZAPPQSB (timer subtask) was unsuccessful. Either the module could not be found or there is insufficient virtual storage to load it.

System action: The programs ends abnormally.

Operator response: Check the STEPLIB and JOBLIB data sets or the link list for the presence of this module. If it is found, increase the virtual storage and retry the job.

System programmer response: None.

Module: EZAPPQSA

Procedure Name: QSIMSG03
EZY0954E • EZY0958E

EZY0954E  Unable to load EZAPPFCA.
Explanation: The LOAD for module EZAPPFCA was unsuccessful. Either the module could not be found or there is insufficient virtual storage to load it.
System action: The program ends abnormally.
Operator response: Check the STEPLIB and JOBLIB data sets or the link list for the presence of this module. If it is found, increase the virtual storage and retry the job.
System programmer response: None.
Module: EZAPPQSA
Procedure Name: QSIMSG04

EZY0955E  Insufficient storage for program
Explanation: The virtual storage allocation for EZAPPQSA is not sufficient to run the program.
System action: The program ends abnormally.
Operator response: Increase the region size and rerun the program.
System programmer response: None.
Module: EZAPPQSA
Procedure Name: QSI00010

EZY0956E  DYNALLOC macro failure on ALLOCATION/DEALLOCATION RETURN CODE = rc
Explanation: An error (nonzero value in) was returned by the DYNALLOC macro (SVC 99). rc is the return code.
System action: The program ends abnormally.
Operator response: None.
Module: EZAPPQSA
Procedure Name: QSIMSGPD

EZY0957I  Routing route key operation File filename At time on day day year
Explanation: Trace output. The routing identified by route key has completed operation operation using file file at the time stated.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPQSA
Procedure Name: QSITMMMSG

EZY0958E  Initialization error in Queue Manager
Explanation: An error occurred during initialization in the queue manager. The accompanying message describes the specific error.
System action: Queue manager stops processing.
Operator response: See the accompanying message to determine the cause of the failure.
System programmer response: None.
Module: EZAPPQSA
EZY0959E  CLOSE failure on Queue File

Explanation: The Network Print Facility Queue Manager encountered an error trying to close the QUEUE file while ending. The error message is issued and the Queue Manager continues with ending process.

System action: Processing continues.

Operator response: None.

System programmer response: Look for associated messages and investigate the reason why the QUEUE file might not have been successfully closed.

Module: EZAPPQSA

EZY0960I  NPF Queue Manager: Enter STOP or new time value

Explanation: The operator can reply to this message to change the scan interval or stop the queue manager.

System action: The system changes the operation as specified.

Operator response: To change the scan interval, reply with a value of hours, minutes, and seconds in the form hhmmss. To stop the queue manager, reply with the word STOP. To start a trace of the NPF Queue Manager to the system console, reply with the word TRACE. To stop tracing the NPF Queue Manager to the system console, reply NOTRACE. To change the maximum printer queue depth, reply with a new value from 0-99999 in the form QDEPTH=nmmm. Specifying QDEPTH=0 will remove any previously set QDEPTH limits and set DEPTHWTO to a value of N. To request that a WTP be issued when QDEPTH is reached, reply with DEPTHWTO=Y. QDEPTH must not be a nonzero value before DEPTHWTO can be turned on. To request that a WTO no longer be issued when QDEPTH is reached, reply with DEPTHWTO-N.

System programmer response: None.

Module: EZAPPQSB

EZY0961I  NPF Queue Manager: Incorrect Reply.

Explanation: The reply to message EZY0960I is not correct.

System action: The system reissues message EZY0960I.

Operator response: Respond correctly to the new message.

System programmer response: None.

Module: EZAPPQSB

EZY0962E  Unable to Attach EZAPPLPR

Explanation: The queue manager was unable to attach module EZAPPLPR.

System action: The program ends abnormally.

Operator response: None.

System programmer response: Make sure that the module EZAPPLPR is in the proper load library and that enough storage is available to load the module. Increase the region size if necessary.

Module: EZAPPQSA

EZY0963E  EZAPPLPR Task Abended Completion Code = cc

Explanation: The task EZAPPLPR has ended abnormally. The reason is indicated by the MVS system completion code displayed in this message. The queue manager might retain the print data set for reprocessing according to user options in effect at the time of the error.

System action: The task ends abnormally.

Operator response: If the error persists, stop queue manager and notify the system programmer.

System programmer response: Use the MVS completion code displayed in this message and the MVS system
Module:  EZAPPQSA

**EZY0964I**  Queue manager trace turned [on | off]

Explanation:  The TRACE for the Queue Manager has been activated (on) or deactivated (off). This message indicates completion of a TRACE or NOTRACE command entered in reply to message EZY0960I.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  EZAPPQSB

**EZY0965I**  Queue manager interval changed

Explanation:  The interval for Queue Manager scans has been changed in a reply to message EZY0960I.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  EZAPPQSB

**EZY0966I**  Queue Manager DEPTHWTO turned off

Explanation:  No WTO will be issued when the current QDEPTH limit is reached for any printer.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  EZAPPQSB

**EZY0967I**  Queue Manager DEPTHWTO turned on

Explanation:  A WTO will be issued when the current QDEPTH limit has been reached for any printer.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  EZAPPQSB

**EZY0968I**  Queue Manager QDEPTH changed

Explanation:  QDEPTH has been changed to the new value specified.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.
EZY0970I  yy/dd hh:mm:ss REC data_set_name majorname minorname #recs #dests

Explanation: An entire print file has been received by NPF and queued under the indicated data set name. Fields in the message are as follows:

yy/ddd hh:mm:ss
    Julian date and time.

majorname
    For VTAM, the SLU name. For JES, the jobname.

minorname
    For VTAM, the PLU name. For JES, the username.

#recs
    Number of records in the file.

#dests
    Number of destinations to which the file will be sent.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAPPCTR

EZY0971I  yy/dd hh:mm:ss SND data_set_name printqueue host RC00000 rcdaction datasetaction

Explanation: An attempt to send the print file for the specified data set to LPD for printing has been successful. Fields in the message are as follows:

yy/ddd hh:mm:ss
    Julian date and time.

printqueue
    The print queue name (truncated to 10 bytes, if necessary).

host
    The TCPIP host name or IP address (truncated to 30 bytes, if necessary).

RC00000
    Indicates an LPR return code = 0.

    Note: RC50xx is a return code presented from LPR. For additional documentation, invoke LPR with the trace option specified against the dataset data_set_name referred to in the message.

rcdaction
    The following actions can occur:
      • QUE (queue) indicates that a queue file record has been created/updated to allow future retries of the send operation by the NPF queue manager.
      • DEL (delete) indicates that the queue file record has been deleted.
      • QER (queue error) indicates an error occurred while writing a queue file record. The data has been kept to allow future retries of the send operation through manual invocation of LPR. The NPF queue manager is unable to take any further action.

datasetaction
    RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAPPCTR
EZY0972E  yy/ddd hh:mm:ss SND data_set_name printqueue host errcode rcdaction datasetaction

Explanation: An attempt to send the print file for the specified data set to the line printer daemon (LPD) for printing has ended with an error or abend indication.

In the message text:

- **yy/ddd hh:mm:ss**: Julian date and time.
- **data_set_name**: The name of the data set.
- **printqueue**: The print queue name (truncated to 10 bytes, if necessary).
- **host**: The TCP/IP host name or IP address (truncated to 30 bytes, if necessary).
- **errcode**: The following types of errors can occur:
  - **AB00aaa**: where aaa = system abend code from the line printer control program and spooler (LPR) in hex.
  - **ATTFAIL**: indicates that an ATTACH of EZAPPLPR failed.
  - **RCrrrrr**: where rrrrr is 5000 or greater, is a decimal return code generated by LPR; the **errcode** value is one of the following:
    - **5011**: See the last EZB0965E message. The data set or file name might be missing from the LPR command.
    - **5012**: See the last EZB0970E message. Data set organization might be incorrect.
    - **5013**: See the last EZB0968E message. Unable to allocate data set. Attributes might be incorrect or the data set is inaccessible.
    - **5014**: See the last EZB0967E message. Unable to access the data set or member.
    - **5015**: Check for message EZB0969E. LPR’s ProcessOperand routine was unable to allocate a data set. Attributes might be incorrect or the data set is inaccessible. The member might not be found.
    - **5016**: Error detected when processing the LPR options that were passed. Check for the last error messages in the LPR trace.
    - **5017**: Check for message EZB0923E, EZB0912E, or EZB0914E. The printer name, the host name, or both are missing.
    - **5018**: Check for message EZB1016E, EZB0953E, EZB0957E, or EZB0959E. LPR did not receive a positive acknowledgment from the print server for the latest command that was sent. One of these messages in the LPR trace will also show the last command that failed to receive the positive acknowledgment.
    - **5019**: Check for message EZB0951E. LPR tried to send the control file command, but did not receive a positive acknowledgment.
    - **5020**: Check for message EZB0939E or EZB0919E. The error might be caused by an incorrect or unknown userID, HostName, DomainName, or TcpIpServiceName parameter, or one of the parameter values sent in the LPR command, such as the IP address. LPR can also end with this return code if the failure is in the ProcessArguments routine of LPR.
    - **5021**: Check for message EZB1026E. The printer name might be unknown or incorrectly defined. Check the printer defined in LPR/NPF or the printer defined to the LPD print server or both.
    - **5022**: Check message EZB0940E. LPR is unable to connect to the specified TCP/IP host. The GetHostn call failed to identify the host. If LPR was issued from batch, the IEF142I message indicates Cond Code = 0926 (5022 minus 4096).
- **rcdaction**: The following actions can occur:
  - **QUE** (queue) indicates that a queue file record has been created/updated to allow future retries of the send operation by the NPF queue manager.
  - **DEL** (delete) indicates that the queue file record has been deleted.
**EZY0973I**

- QER (queue error) indicates an error occurred while writing a queue file record. The data has been kept to allow future retries of the send operation through manual invocation of LPR. The NPF queue manager is unable to take any further action.

*datasetaction*

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

**System action:** Processing continues.

**Operator response:** Contact the system programmer.

**System programmer response:** If the *errcode* value is RC*rrrr*, where *rrrr* is less than 5000, see the [return codes](https://www.ibm.com/support/knowledgecenter/SSYSTK_2.1.0?lang=en&topic=ERRNOs) information in *z/OS Communications Server: IP and SNA Codes* for a description of the errors.

If the *errcode* value is RC*rrrr*, where *rrrr* is 5000 or greater, see the *errcode* description in the explanation for the list of error codes.

If the cause of the error cannot be determined, obtain an LPR trace using the data set name specified in this message to gather more detailed diagnostics.

**Module:** EZAPPCTR

---

**EZY0973I**  
*yy/ddd hh:mm:ss* PRG *data_set_name* printqueue host *rcdstate* *rcdaction* *datasetaction*

**Explanation:** The NPF queue manager has purged a record from the queue file for one of the following reasons:
- RETAIN(S) retain time expired after a successful transmission.
- RETAIN(U) retain time expired after all retries were exhausted for an unsuccessful transmission.
- A record was marked for deletion by the NPF panel operator.
- The end-of-set (state=X) record was found to be the only remaining record for a multi-destination routing.

The NPF queue manager might also have deleted the print data set specified by the purged queue file record:
- For a single-destination routing, the print data set is deleted when the one queue file record for that routing is purged.
- For a multi-destination routing, the print data set must be retained until all the queue file records for that routing can be processed. Only when the last of these queue file records is purged is the print data set deleted.

**Fields in the message are as follows:**

*yy/ddd hh:mm:ss*

Julian date and time.

*printqueue*

The print queue name (truncated to 10 bytes, if necessary), or blank (for *rcdstate*=X only).

*host*

The TCPIP host name or IP address (truncated to 30 bytes, if necessary), or blank (for *rcdstate*=X only).

*rcdstate*

The state of the queue file record at the time it was purged:
- T - successfully transmitted
- U or R- unsuccessful
- D - deletion requested by operator
- X - end-of-set record for a multi-destination routing

*rcdaction*

DEL indicates that the queue file record has been deleted.

*datasetaction*

RET (retain) or DEL (delete) indicates whether the corresponding print data set has been kept or deleted.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPCTR
EZY0974I  Queue Manager reached QDEPTH for: printq at host

Explanation: The QDEPTH limit specified has been reached for the printer displayed in the message.

System action: Processing continues.

Operator response: Investigate why the printer queue reached its limit. Possible reasons include:
- The printer is not ready to print.
- An unusually large number of print data sets has been sent to the printer within a relatively short period of time.

System programmer response: None.

Module: EZAPPQSA
Chapter 2. EZY1*xxx* messages

EZY1020E   hh:mm:ss.th Line linenum: error_description = ‘token’

Explanation: An error was encountered while processing a statement in the configuration data set. The line number of the statement in error is given by linenum. The message includes a description of the error and token identifies the specific text that is in error. Explanations of the errors described by error_description are:

**Required valid statement absent**

The end of the data set was reached and a valid instance of a required statement was not found. If the statement was present but contained an error, it will have already been flagged by a message.

The missing statement type is identified by token. The required statement types are: TCPIP, LISTENER, and TRANSACTION.

**Required parameter missing or incorrect**

A required parameter was not specified or was specified incorrectly. The name of the required parameter is identified by token.

The statement is ignored.

**Prior statement conflict**

The parameters specified on the TRANSACTION statement encountered on line linenum conflict with parameters specified on a previous TRANSACTION statement. The NAME parameter on both statements, identified by token, was the same, but the other parameters were different.

The transaction definition is removed from the set of transactions that can be started by the Listener.

**Redeclaration of prior statement**

The TRANSACTION statement encountered on line linenum, with NAME token, is the same as a previous TRANSACTION statement.

The current statement is ignored.

**No parameter keyword**

The parameter token has been specified without an identifying keyword and therefore cannot be recognized.

The parameter is ignored.

**No parameter value**

The parameter token does not specify a value when one is required.

The parameter is ignored.

**Unknown statement keyword**

The statement type given by token is unknown. Valid statement types are: TCPIP, LISTENER, and TRANSACTION.

The statement is ignored.

**Unknown parameter keyword**

The parameter token specifies an unknown parameter keyword for this statement type.

The parameter is ignored.

**IMPLICIT or EXPLICIT required**

The parameter token contains an incorrect value for the transaction type.

The parameter is ignored.

**Expected statement**

The statement type token was expected on this line but another statement was encountered.

The configuration file is declared incorrect and, after parsing the remaining lines, the Listener ends.

**Unexpected statement**

The statement type token encountered on this line was unexpected. This type of statement is not valid at this position in the file.
The statement is ignored.

**Maximum count exceeded**

The current statement is a TRANSACTION statement and this statement has caused the number of these statements to exceed the limit specified by the MAXTRANS parameter of the LISTENER statement. The value that was specified is displayed by message EZY1021I, which is issued after this message.

The statement is ignored.

**Value too long**

The parameter value specified in token has a length that exceeds the maximum expected length for this parameter. The maximum expected length is displayed by message EZY1021I, which is issued after this message.

The parameter is ignored.

**Invalid character**

The parameter value specified in token contains a character that is not valid for this parameter such as an alphabetic character where a numeric value is required.

The parameter is ignored.

**Value outside valid range**

The parameter value in token specifies a numeric value which falls outside the allowed range of values. The allowed maximum and minimum values for this parameter are specified by messages EZY1021I and EZY1022I respectively, which are issued after this message.

The parameter is ignored.

**Prior parameter conflict**

The parameter value specified in token conflicts with a previous specification of this parameter on this statement.

If the parameter is mandatory then the statement is ignored. Otherwise, all definitions of this parameter are ignored.

**Prior conflicting parameters**

The parameter token has already been specified more than once on this statement, and these specifications were in conflict with each other.

If the parameter is mandatory, then the statement is ignored. Otherwise, all definitions of this parameter are ignored.

**Redeclaration of parameter**

The parameter token has already been specified on this statement, but the values are the same.

The statement is valid. This message can be avoided by specifying each parameter only once on a statement.

**System action:** The entire configuration file is parsed and errors reported. If there are sufficient valid statements to specify all the configuration options, then the Listener continues, otherwise it ends.

**Operator response:** Edit the configuration file and respecify the statements in error.

**System programmer response:** Assist the user as required.

**Module:** EZAIMSPS

**Procedure Name:** varies

---

**EZY1021I hh:mm:ss.th Maximum: max**

**Explanation:** This message is issued after message EZY1020E to identify the maximum allowed value for the parameter specified in that message.

**System action:** See message EZY1020E for more information.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPS
**EZY1022I**  
*hh:mm:ss.th Minimum: min*

**Explanation:** This message is issued after message EZY1020E to identify the minimum allowed value for the parameter specified in that message.

**System action:** See message EZY1021E for more information.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAIMSPL

**Procedure Name:** ProcessParam

---

**EZY1023E**  
*hh:mm:ss.th File errtype error on ddname, RC=rc*

**Explanation:** An I/O error occurred while accessing a file with the DDNAME ddname. The I/O activity is given by errtype and is one of the following:

- OPEN
- CLOSE
- GET
- PUT

Additional information about the error can be obtained from rc which has the following values and associated meanings:

1. Internal error.
   - Return value for an end of file. Used internally and is not an error. If this value is displayed with this message then a program logic error has occurred.

2. File ABEND exit routine invoked.

3. File SYNAD exit routine invoked.

4. Internal error.
   - This return code indicates that a GET or PUT has been performed on a file that has not been opened successfully. If this value is displayed with this message then a program logic error has occurred.

5. The record format for the file is not one of the supported types: FIXED or VARIABLE.

6. Internal error.
   - A file structure pointer is not referencing a valid file structure. If this value is displayed with this message then a program error has occurred.

7. Error occurred while closing the file.

8. The ddname is not defined.

**System action:** The system action depends on errtype as follows:

**Error**  
**Description**

- **OPEN**  
The Listener opens the configuration file for input and the message log for output. If either file cannot be opened, the Listener ends.

**Procedure Name:** main, PRSCFG

- **CLOSE**  
Errors associated with closing a file are ignored and processing continues.

**Procedure Name:** main, PRSCFG

- **GET**  
If a GET error occurs before the Listener has been able to retrieve sufficient valid configuration statements to define all the configuration options, the Listener ends. Otherwise processing continues.

**Procedure Name:** PRSCFG

**Operator response:** Take appropriate action based on errtype such as specifying the correct ddnames or specifying files with the correct attributes.

**System programmer response:** Assist the user as required.
Module: EZAIMSPS
Procedure Name: See the explanation above.

EZY1024I event at hh:mm:ss.th on yyddd
Explanation: One of the following events occurred at the date and time specified.

Listener invoked
The Listener has started, and configuration file processing is about to commence.
Procedure Name: main

Listener ended
The Listener has ended. Termination might have been initiated because of an operator request or because of errors. If an error condition caused the termination, the error will be described in a preceding message.
Procedure Name: main

No available sockets
The Listener currently has connections open on all the sockets obtained at startup as specified by the MAXACTSKT parameter of the LISTENER statement. The connection that has been requested by a client will only be accepted when a socket becomes available.
Procedure Name: ListenProcess

Security exit rejection
The user-supplied security exit has rejected a request. Further information about the client that initiated the request is supplied by messages EZY1031W, EZY1032I, and EZY1033I, which are issued after this message.
Procedure Name: ReadTRMProcess
System action: The system continues.
Operator response: None.
System programmer response: None.
Module: EZAIMSPS
Procedure Name: See the explanation above.

EZY1025W hh:mm:ss.th description: Code=rc
Explanation: A system error has occurred. The nature of the error is given by description. The error is one of the following:

No storage available
A GETMAIN call, which is used to obtain storage for the TRANSACTION statements, has returned an error.
See the GETMAIN macro description for an explanation of the return code rc.
Procedure Name: main, ListenProcess, PRSCFG

Memory deallocation unsuccessful
A FREEMAIN call has returned an error as evidenced by the return code. See the FREEMAIN macro description for an explanation of the return code rc.
Procedure Name: ReleaseProcess

CIB free unsuccessful
The START command CIB was not freed.
No action is required.
Procedure Name: main

Ignored unknown command
The listener received an unknown command. The command is ignored and processing continues.
Procedure Name: main
System action: GETMAIN errors cause the Listener to end while FREEMAIN and CIB free errors are ignored as they might only occur during Listener shutdown.

Operator response: See the GETMAIN or FREEMAIN documentation and take action as indicated, such as increasing the region size.

System programmer response: Assist the user as required.

Module: EZAIMSPS

Procedure Name: See the explanation above.

EZY1026E hhm:ss.th socket_error, socket_call ERRNO=errno

Explanation: An error occurred during a socket call. The Listener processing at the time of the error and the socket call are given by socket_error and socket_call.

errno is the UNIX System Services return code. These return codes are listed and described in the return codes information in z/OS UNIX System Services Messages and Codes.

A description of each of the errors is given below:

Unable to accept new connection, ACCEPT
An error occurred when the Listener attempted to complete a connection in response to a connection request from a client.

Procedure Name: ListenProcess

Unsuccessful binding to communication port, BIND
The Listener was unable to bind the port that it is to use for accepting connection requests from clients. The port is specified by the PORT parameter of the LISTENER statement.

Procedure Name: main

Socket CLOSE error:
An error occurred when the Listener attempted to close a connection.

Procedure Name: ListenProcess, ReleaseProcess

Error transferring connection to server, GIVESOCKET
An error occurred when the Listener attempted to pass control of the client connection to the server.

Procedure Name: CreServPro

Failed to connect to TCPIP address space, INITAPI
An error occurred while attempting to connect to the TCPIP address space. The TCPIP address space that is used is specified by the ADDRSPC parameter on the TCPIP statement.

Procedure Name: main

Failed setting socket to listen mode, LISTEN
The LISTEN call, used to enable the socket connected to the listening port for incoming connections, resulted in an error.

Procedure Name: main

Socket READ error:
An error occurred when the Listener attempted to receive data sent from a client program. Further information about the client is provided by message EZY1032I, which is issued after this message.

Procedure Name: ReadInputProcess, ReadTRMProcess

Error waiting for communications event, SELECT
The SELECT call, used to wait for connection requests and data for implicit transactions, has resulted in an error.

Procedure Name: main

Failed to obtain a socket to listen on, SOCKET
The Listener failed to acquire a socket for binding to the listening port.

Procedure Name: main
Server failed to take connection, TAKESOCKET
   The Listener issued a GIVESOCKET and the server failed to issue a corresponding TAKESOCKET.

   Note: ERRNO is not applicable to this error.

Socket WRITE error:
   An error occurred when the Listener attempted to send data to a client program.

Procedure Name: WriteRSMProcess

System action: The system action depends on the error. If the error occurs during startup processing or during a
SELECT call, the Listener ends. Otherwise, the connection that received the error is closed.

Operator response: For errors encountered during startup processing, check that the configuration file TCPIP and
LISTENER parameters are correct. Otherwise, proceed based on the value of errno.

System programmer response: Assist the user as required.

Module: EZAIMSPS

Procedure Name: See the explanation above.

EZY1027W  hh:mm:ss.th Unexpected condition on socket connection

Explanation: An unexpected exception condition or socket closure was detected on a socket connection while
receiving data. Further information about the client is provided by message EZY1032I, which is issued after this
message.

System action: The connection is closed.

Operator response: None.

System programmer response: None.

Module: EZAIMSPS

Procedure Name: ReadInputProcess, SelectResponse, ReadTRMProcess

EZY1028W  hh:mm:ss.th description

Explanation: A condition as described by description was detected by the Listener. The conditions are:

Invalid request received
   A connection was accepted from a client, but the data received could not be interpreted as a transaction
request message (TRM) segment.

   The Listener sends a request status message (RSM) segment to the client and then closes the connection.

Procedure Name: ReadTRMProcess

Unknown transaction requested
   The Transaction Request Message segment from a client specified a transaction that has not been defined to
the Listener. Transactions are defined in the configuration file using TRANSACTION statements.

   The Listener sends a request status message (RSM) segment to the client and then closes the connection.

Procedure Name: ReadTRMProcess

Buffer limit reached
   The amount of data sent by a client for an implicit transaction has exceeded 32KB (including segment
lengths and reserved bytes).

   The Listener sends a request status message (RSM) segment to the client and then closes the connection.

Procedure Name: ReadInputProcess

IMS™ rollback performed
   The Listener received a nonsuccessful status code when issuing an IMS call to build the IMS message for the
requested transaction. The message has been removed by issuing a rollback call. This message will follow
another message that has identified the cause of the error.
The Listener sends a request status message (RSM) segment, to the client, if possible, and then closes the
connection. Sending the RSM is possible only if the error is detected before the GIVESOCKET call has been
issued to pass the socket to the server.

Procedure Name: CreateServerProcess

numsktreq sockets requested, numsktalloc sockets allocated
The configuration file specified that numsktreq sockets be allocated to process connections; however, only
numsktalloc sockets were made available by the socket interface. The number of sockets requested is specified
by the MAXACTSKT parameter of the LISTENER statement.

Procedure Name: main

System action: The system action is as indicated with each of the above entries.

Operator response: See the associated messages, EZY1032I and EZY1033I, which are issued in conjunction with this
message to identify the client.

System programmer response: Assist the user as required.

Module: EZAIMPS

Procedure Name: See the explanation above.

EZY1029E
hlcmss.th error_description, IMS_function STATUS='status'

Explanation: The nonsuccessful status code status was returned in response to an IMS/DC call. A description of the
Listener processing at the time of the error and the IMS call function are given by error_description and IMS_function
and are described below. This message appears with messages EZY1032I and EZY1033I, which provide further
information about the client.

Error setting message destination, CHNG
The Listener attempted to set the destination of an alternate PCB to the transaction code specified in the
transaction request message (TRM) segment in preparation for starting the transaction.

Procedure Name: CreateServerProcess

Error placing data onto transaction input queue, ISRT
The error occurred while inserting either the transaction initiation message (TIM) segment or a data segment
if it was an implicit transaction.

Procedure Name: CreateServerProcess

Error committing transaction message, SYNC
The Listener had successfully inserted the message segments for the requested transaction but encountered
the error when issuing the SYNC call.

Procedure Name: CreateServerProcess

Error rolling back transaction message, ROLB
The Listener encountered the error on a rollback call it issued to remove a message that it was creating
when it encountered an error as described by the above two reasons.

Procedure Name: CreateServerProcess

System action: Except for an error caused by a SYNC call, a request status message (RSM) segment indicating an
IMS error is sent to the client and the connection is closed. For an error on the SYNC call, the Listener closes the
connection. Sending the RSM is possible only if the error is detected before the GIVESOCKET call has been issued to
pass the socket to the server. This call is issued just prior to the SYNC call.

Operator response: None.

System programmer response: None.

Module: EZAIMPS

Procedure Name: See the explanation above.
EZY1030E  Program Error #xx
Explanation: An internal program error has occurred.
System action: The Listener ends.
Operator response: Record the number xx and contact the IBM Software Support Center.
System programmer response: None.
Module: EZAIMSPS
Procedure Name: SelectResp

EZY1031W  Security exit RC=rc, Reason=rsn
Explanation: The user-supplied security exit has rejected a request. This message appears with messages EZY1032I and EZY1033I, which provide further information about the client.
System action: The Listener sends a request status message (RSM) segment to the client and closes the connection.
Operator response: None.
System programmer response: None.
Module: EZAIMSPS
Procedure Name: ReadTRMProcess

EZY1032I  Peer: ipaddress
Explanation: This message appears with other messages to further identify the client by providing the client’s IP address.
System action: See other messages.
Operator response: None.
System programmer response: None.
Module: EZAIMSPS
Procedure Name: Various

EZY1033I  Transaction: tran_code
Explanation: This message appears with other messages to further identify the client by printing the transaction code tran_code that was requested by the client.
System action: See other messages.
Operator response: None.
System programmer response: None.
Module: EZAIMSPS
Procedure Name: Various

EZY1034I  AIB error: Retrn=xxxx Reason=yyyy
Explanation: The Listener detected an error when using the AIB interface to check the status of a requested transaction.
System action: The Listener sends a request status message (RSM) segment to the client and closes the connection.
Operator response: See the section on AIB INQY call in IMS/ESA Application Programming: DL/I Calls for an explanation of the return and reason codes. See messages EZY1032I and EZY1033I for further information about the client.
System programmer response: Assist the user as required.
Module: EZAIMSPS
Procedure Name: CreateServerProcess

**EZY1035I**  
*hh:mm:ss.th tran_code* is unavailable or unknown

**Explanation:** The transaction *tran_code* that has been requested by a client is currently unavailable or is unknown to IMS. See messages EZY1032I and EZY1033I for further information about the client.

**System action:** The Listener sends a request status message (RSM) segment to the client and closes the connection.

**Operator response:** Make sure that a client program requests a transaction that has been defined to IMS.

**System programmer response:** Assist the user as required.

Module: EZAIMSPS
Procedure Name: CreateServerProcess

**EZY1120E**  
No TYPE specified

**Explanation:** The EZASMI macro requires a TYPE parameter. None was specified.

**System action:** The system ends macro generation.

**Operator response:** Specify a TYPE parameter on the EZASMI macro.

**System programmer response:** None.

Module: EZASMI
Procedure Name: .TYP0

**EZY1121E**  
TYPE parameter is invalid

**Explanation:** The TYPE parameter specified for this macro is not valid.

**System action:** The system ends macro generation.

**Operator response:** Specify a valid TYPE for the macro and reissue the macro. See the [z/OS Communications Server: IP Programmer's Guide and Reference](https://www.ibm.com) for information about the macro and values for the TYPE parameter.

**System programmer response:** None.

Module: EZASMI
Procedure Name: .TYP42

**EZY1122E**  
PPPP parameter required for type TTTT

**Explanation:** The parameter PPPP is required for the EZASMI macro when type TTTT is specified.

**System action:** The system ends macro generation.

**Operator response:** See [z/OS Communications Server: IP Programmer's Guide and Reference](https://www.ibm.com) to determine the valid parameters for the macro type you specified.

**System programmer response:** None.

Module: EZASMI
Procedure Name: .PG01L1, .PG03L1, .PG04L1, .PG05L1, .PG06L1, .PG07L1, .PG08L1, .PG08OKC, .PG08OKD, .PG08END, .PG09L1, .PG10L1, .PG11L1, .PG11OKD, .PG13L1, .PG13OKB, .PG14L1, .PG15L1, .PG15OKB, .PG18L1, .PG19L1, .PG19OKD, .PG20L1, .PG21A2, .PG21A3
EZY1123W  PPPP parameter invalid for type TTTT

Explanation: The parameter PPPP is not required for the EZASMI macro when type TTTT is specified. It is ignored.

System action: Macro generation continues.

Operator response: See z/OS Communications Server: IP Programmer's Guide and Reference to determine the valid parameters for the macro type you specified.

System programmer response: None.

Module: EZASMI

Procedure Name: .TYP50, .PG01END, .PG02END, .PG03END, .PG04N1, .PG04END, .PG05END, .PG06END, 
                 .PG07END, .PG08OKA, .PG08OKB, .PG09L0, .PG09END, .PG10END, .PG11OKA, .PG11OKB, .PG11OKC, .PG11END,  
                 .PG12END, .PG13OKA, .PG13END, .PG14END, .PG15OKA, .PG15END, .PG16END, .PG17OKA, .PG17OKB,  
                 .PG17OKC, .PG17OKD, .PG17OKE, .PG17OKF, .PG17END, .PG18END, .PG19OKA, .PG19OKB, .PG19END,  
                 .PG20END, .PG21A1

EZY1124E  xRETMSK Required if xSNDMSK specified

Explanation: On the SELECT, if a send mask is specified for read, write, or exception, the return mask must be specified for the same function.

System action: The system ends macro generation.

Operator response: Specify the return mask for the read, write, or exception function for which a send mask was specified.

System programmer response: None.

Module: EZASMI

Procedure Name: .SELF4, .SELG4, .SELH4

EZY1125E  Invalid AF specified, INET assumed

Explanation: A literal specified for AF on the SOCKET function is not valid. The macro assumed AF=INET.

System action: The system ends macro generation.

Operator response: The literal for AF on the SOCKET function must be either INET or IUCV.

System programmer response: None.

Module: EZASMI

Procedure Name: .SOCA01

EZY1126E  ECB not permitted for INITAPI

Explanation: The ECB parameter is not permitted for TYPE=INITAPI.

System action: The system ends macro generation.

Operator response: Remove the ECB parameter and reissue the macro.

System programmer response: None.

Module: EZASMI

Procedure Name: .INI0

EZY1127E  Invalid literal specified for PPPP

Explanation: The literal specified for parameter PPPP is not a valid value.

System action: The system ends macro generation.

EZY1128E  Invalid socket type specified, STREAM assumed.
Explanation: The socket type specified for a TYPE=SOCKET macro is not valid. SOCTYPE=STREAM is assumed.
System action: The system ends macro generation.
Operator response: Valid values for the SOCTYPE parameter are STREAM, DATAGRAM, and RAW.
System programmer response: None.
Module: EZASMI
Procedure Name: .SOCTT3

EZY1129E  No ECB specified for SYNC
Explanation: The TYPE=SYNC requires an ECB parameter.
System action: The system ends macro generation.
Operator response: Specify an ECB parameter on the TYPE=SYNC request and reissue the macro.
System programmer response: None.
Module: EZASMI
Procedure Name: .ECB1

EZY1130E  Invalid value for label
Explanation: The label specified is not a valid assembler label.
System action: The system ends macro generation.
Operator response: Specify a label that is a maximum of eight characters in length.
System programmer response: None.
Module: EZASMI
Procedure Name: .N0003

EZY1218E  mm/dd/yy hh:mm:ss PROGRAM programname DISABLED TRANID= transactionid PARTNER INET
           ADDR= inetaddress PORT= portnumber
Explanation: The Listener checked the status of the program associated with the transaction. It was not enabled.

mm/dd/yy is the date (month/day/year) of the message.
thh:mm:ss is the time (hours:minutes:seconds) of the message.
programname is the name of the program that is associated with the transaction requested by the connecting client.
transactionid is the name of the transaction that was requested by the connecting client.
inetaddress is the internet address of the connecting client.
portnumber is the connecting client’s port number.
System action: Listener continues.
Operator response: Use CEMT to determine and correct the status of the program.
System programmer response: None.
Module: EZACIC02
**EZY1219E • EZY1220E**

Procedure Name: LISTENER

**EZY1219E**  
**mm/dd/yy hh:mm:ss**  
**UNEXPECTED**  
**eventtype**  
**EVENT IN LISTENER**  
**transactionid**  
**FROM CLIENT IP ADDRESS**  
**ipaddress**  
**PORT**  
**portnumber**  

**Explanation:** The CICS Listener was notified about an unexpected event.

- *mm/dd/yy* is the date (month/day/year) of the message.
- *hh:mm:ss* is the time (hours:minutes:seconds) of the message.
- *eventtype* is the type of event: READ, WRITE, or EXCEPTION.
- *transactionid* is the name of the Listener's CICS transaction.
- *ipaddress* is the remote IP address of the client.
- *portnumber* is the remote port number of the client.

**System action:** The Listener closes the connection and continues processing.

**Operator response:** Contact the system programmer.

**System programmer response:** If the event type is EXCEPTION, investigate whether or not the client is attempting to send out-of-band data. If necessary, have the client avoid sending out-of-band data. If the event type is not EXCEPTION or the client is not attempting to send out-of-band data, then contact the IBM Software Support Center.

**Module:** EZACIC02

Procedure Name: LISTENER

**EZY1220E**  
**mm/dd/yy hh:mm:ss**  
**READ FAILURE ON CONFIGURATION FILE**  
**PHASE=phase**  
**EIBRESP2=response**  

**Explanation:** EZACIC21 was unable to read the IP CICS Sockets configuration file, EZACONFG.

- *mm/dd/yy* is the date (month/day/year) of the message.
- *hh:mm:ss* is the time (hours:minutes:seconds) of the message.
- *phase* is the IP CICS Sockets initialization phase.
- *response* is the response from CICS when reading the IP CICS Sockets configuration file.

**System action:** If the ABEND code is AEXY, then the listener ends normally. Otherwise, the listener ends with an ABEND code of EZAL.

**Operator response:** Notify the CICS system programmer.

**System programmer response:** Use the EIBRESP2 value to determine the problem and correct the file. See the CICS Application Programming Reference for information about EIBRESP2 values. If the EIBRESP2 value is zero, then the EZACONFG file has been defined as remote. If this is the configuration file you want, then verify that no CICS Sockets programs can run directly in the file owning region. This can cause the file to become disabled. Ensure that EZACIC20 is not in the file owning region PLT, and that the EZAC and EZAO transactions are unable to run directly in the file owning region. Attempts to open the file will fail if the file is defined with a value of YES specified in the ADD, DELETE, or UPDATE parameters in the CICS file definition in more than one CICS region.

**Module:** EZACIC21

Procedure Name: INITIALIZATION

**EZY1221E**  
**mm/dd/yy hh:mm:ss**  
**CICS SOCKETS ENABLE FAILURE**  
**EIBRCODE BYTES2 = resp_code**  

**Explanation:** The attempt to enable the task related user exit (TRUE) failed.

- *mm/dd/yy* is the date (month/day/year) of the message.
- *hh:mm:ss* is the time (hours:minutes:seconds) of the message.
- *resp_code* is the CICS response code from attempting to enable IP CICS Sockets Task Related User Exit (TRUE).

**System action:** Terminate the transaction.
**EZY1222E**  
**EZY1224I**

### Operator response:  Notify the CICS system programmer.

### System programmer response:  Use the EIBRESP2 value to determine the problem and correct the file. An EIBRCODE BYTE2 value of 20 indicates the TRUE is already enabled. This will occur if you disable the interface using EZAO,STOP,CICS transaction and then immediately issue EZAO,START,CICS transaction before the Task Related User Exit (TRUE) is completely disabled from the previous EZAO,STOP,CICS transaction. See the [CICS Application Programming Reference](#) for information about EIBRCODEs.

**Module:** EZACIC21  
**Procedure Name:** INITIALIZATION

---

**EZY1222E**  
**mm/dd/yy hh:mm:ss**  
**CICS/ SOCKETS REGISTRATION FAILURE RETURN code= return_code**

**Explanation:**  The attempt to register the CICS Sockets Feature to z/OS failed.

**System action:**  Terminate the transaction.

**Operator response:**  Contact your System Administrator.

**System programmer response:**  See the [z/OS MVS Programming: Product Registration](#) for information about the values for return_code.

**Module:** EZACIC21  
**Procedure Name:** INITIALIZATION

---

**EZY1223E**  
**mm/dd/yy hh:mm:ss**  
**CICS/ SOCKETS ATTACH FAILURE RETURN CODE = return_code REASON CODE = reason_code**

**Explanation:**  An attempt to attach one of the pool subtasks failed.

**System action:**  Stop attaching pool subtasks. The size of the pool is determined by the number of subtasks successfully attached.

**Operator response:**  Contact the CICS system programmer.

**System programmer response:**  See the [z/OS MVS Programming: Authorized Assembler Services Reference ALE-DYN](#) for information about the values for return_code and reason_code and make appropriate adjustments to your CICS environment.

**Module:** EZACIC21  
**Procedure Name:** INITIALIZATION

---

**EZY1224I**  
**mm/dd/yy hh:mm:ss**  
**CICS/ SOCKETS INITIALIZATION SUCCESSFUL USING tasking_method**

**Explanation:**  The CICS socket interface has completed initialization successfully.

**mm/dd/yy** is the date (month/day/year) of the message.  
**hh:mm:ss** is the time (hours:minutes:seconds) of the message.

**tasking_method** is the tasking method used to support the EZASOKET calls. The possible methods are:

- **Reusable MVS subtasks**  
  Signifies that the IP CICS socket interface is using MVS subtasks from the pool generated according to the value specified on the NTASKS configuration parameter.

- **Non-reusable MVS subtasks**  
  Signifies that the IP CICS socket interface is attaching an MVS subtask for each IP CICS Sockets-enabled application because NTASKS=0.

- **Open Transaction Environment**  
  Signifies that the IP CICS socket interface is enabled to use CICS Open Transaction Environment. All EZASOKET calls will be processed on an Open API, L8, TCB. Programs calling EZASOKET should be coded to threadsafe programming standards and defined to CICS as CONCURRENCY(THREADSAFE) to benefit from this environment.

**System action:**  Continue with execution.
EZY1225E • EZY1228E

Operator response: None.
System programmer response: None.
Module: EZACIC21
Procedure Name: INITIALIZATION

---

EZY1225E  mm/dd/yy hh:mm:ss STARTBR FAILURE ON CICS/ SOCKETS CONFIGURATION FILE PHASE=xx
          EIBRESP2=rrrrrr

Explanation: The STARTBR command used for the configuration file has failed.
System action: Terminate the transaction.
Operator response: Contact the CICS system programmer.
System programmer response: Use the EIBRESP2 value to determine the problem. Check the CICS definition of the Configuration file to ensure the browse operation is permitted. See the CICS Application Programming Reference for information about EIBRESP2 values.
Module: EZACIC21
Procedure Name: INITIALIZATION

---

EZY1226E  mm/dd/yy hh:mm:ss READNEXT FAILURE ON CICS/ SOCKETS CONFIGURATION FILE PHASE=xx
          EIBRESP2=rrrrrr

Explanation: The READNEXT command used for the configuration file has failed.
System action: Terminate the transaction.
Operator response: Contact the CICS system programmer.
System programmer response: Use the EIBRESP2 value to determine the problem. Check the CICS definition of the Configuration file to ensure the browse operation is permitted. See the CICS Application Programming Reference for information about EIBRESP2 values.
Module: EZACIC21
Procedure Name: INITIALIZATION

---

EZY1227E  mm/dd/yy hh:mm:ss CICS/ SOCKETS INVALID LISTENER TRANID = tran

Explanation: The Listener transaction tran was not defined to CICS.
System action: Terminate Listener Initialization.
Operator response: Use CICS facilities to define the Listener transaction and program. Then use EZAO to start the Listener.
System programmer response: None.
Module: EZACIC21
Procedure Name: INITIALIZATION

---

EZY1228E  mm/dd/yy hh:mm:ss CICS/ SOCKETS LISTENER TRANSACTION tran DISABLED

Explanation: The Listener transaction tran could not be started because it was disabled.
System action: Terminate Listener Initialization.
Operator response: Use CICS facilities to enable the transaction and then start the Listener using EZAO.
System programmer response: None.
Module: EZACIC21
Procedure Name: INITIALIZATION
EZY1229E  mm/dd/yy hh:mm:ss  CICS SOCKETS LISTENER TRANSACTION tran NOT AUTHORIZED

Explanation: The Listener transaction tran could not be started because it was not authorized.

System action: Terminate Listener Initialization.

Operator response: Use CICS facilities to authorize starting the Listener transaction and then start the Listener using EZAO.

System programmer response: None.

Module: EZACIC21

Procedure Name: INITIALIZATION

---

EZY1246E  mm/dd/yy hh:mm:ss  CICS SOCKETS LISTENER PROGRAM ID mmmmmmmmm INVALID

Explanation: The Listener transaction could not be started because program mmmmmmmmm is not defined.

System action: Terminate Listener Initialization.

Operator response: If the program ID is correct, use CICS facilities to define it. If it is not correct, use the EZAC transaction to correct the CICS Sockets Configuration file.

System programmer response: None.

Module: EZACIC21

Procedure Name: INITIALIZATION

---

EZY1247E  mm/dd/yy hh:mm:ss  CICS SOCKETS LISTENER PROGRAM ID mmmmmmmmm DISABLED

Explanation: The Listener transaction could not be started because program mmmmmmmmm is disabled.

System action: Terminate Listener Initialization.

Operator response: Use CICS facilities to enable the program and then use EZAO to start the Listener.

System programmer response: None.

Module: EZACIC21

Procedure Name: INITIALIZATION

---

EZY1250E  mm/dd/yy hh:mm:ss  CICS/ SOCKETS LISTENER tran NOT ON CONFIGURATION FILE

Explanation: The Listener transaction tran is not defined on the CICS Sockets configuration file.

System action: Terminate Listener Initialization.

Operator response: If the Listener transaction name is correct, use the EZAC transaction to define it on the CICS Configuration file. If the name is not correct, correct it on the EZAO transaction.

System programmer response: None.

Module: EZACIC21

Procedure Name: INITIALIZATION

---

EZY1251E  mm/dd/yy hh:mm:ss  CICS SOCKETS MODULE mmmmmmmmm ABEND xxxx

Explanation: The CICS Sockets module mmmmmmmmm has abended.

System action: Terminate the transaction.

Operator response: Contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC21

Procedure Name: INITIALIZATION
**EZY1252E • EZY1256E**

**EZY1252E**  

**Explanation:** During CICS Sockets initialization, the attempt to load module EZASOH03 failed.  
**System action:** Terminate Initialization.  
**Operator response:** Contact the CICS system programmer.  
**System programmer response:** See the [z/OS MVS Programming: Authorized Assembler Services Reference LLA-SDU](https://www.ibm.com) for information about the values for `error_code` and `reason_code` to determine why the module would not load. Also, look for associated MVS messages.  
**Module:** EZACIC21

**EZY1253E**  

**Explanation:** An EZAO STOP LISTENER transaction was run with an invalid Listener name.  
**System action:** Present the panel to correct the name.  
**Operator response:** Correct the name and retry termination.  
**System programmer response:** None.  
**Module:** EZACIC22  
**Procedure Name:** TERMINATION

**EZY1254E**  

**Explanation:** An error occurred on a cache file operation.  
**System action:** Return to the calling program with an error response.  
**Operator response:** Contact the CICS system programmer.  
**System programmer response:** Use the RESP2 value to determine the error and correct the cache file. See the [CICS Application Programming Reference](https://www.ibm.com) for information about RESP2 values.  
**Module:** EZACIC25  
**Procedure Name:** DOMAIN NAME SERVER FUNCTION

**EZY1255E**  

**Explanation:** An error occurred on a temporary storage operation in EZACIC25.  
**System action:** Return to the calling program with an error response.  
**Operator response:** Use the RESP2 value to determine the error. Contact the IBM Software Support Center. See the [CICS Application Programming Reference](https://www.ibm.com) for information about RESP2 values.  
**System programmer response:** None.  
**Module:** EZACIC25  
**Procedure Name:** DOMAIN NAME SERVER FUNCTION

**EZY1256E**  

**Explanation:** An attempt to start a Listener was made when the CICS socket interface was inactive.  
**System action:** Return error and terminate transaction EZAO.  
**Operator response:** Use transaction EZAO to start the CICS socket interface prior to starting the Listener.  
**System programmer response:** None.  
**Module:** EZACIC21  
**Procedure Name:** INITIALIZATION

---

76  
*z/OS V1R11.0 Comm Svr: IP Messages Volume 3 (EZY)*
**EZY1258I**  
*module ENTRY POINT IS address*

**Explanation:** This message displays the entry point address of a module.

*module* is the name of the module.

*address* is the entry point address of the module.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC01, EZACIC02

----

**EZY1259E**  
*mm/dd/yy hh:mm:ss IOCTL CALL FAILURE TRANSACTION=transactionid TASKID=tasknumber ERRNO=errno*

**Explanation:** Listener transaction *transactionid* experienced a failure on the IOCTL call.

In the message text:

*mm/dd/yy*  
The date (month/day/year) of the message.

*hh:mm:ss*  
The time (hours:minutes:seconds) of the message.

*transactionid*  
The name of the transaction under which the Listener is executing.

*tasknumber*  
The CICS task number of the Listener task.

*errno*  
*errno* is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes (ERRNOs)](z/OS Communications Server: IP and SNA Codes).

**System action:** If the error is during initialization of the Listener, then the Listener transaction *transactionid* terminates. Otherwise, the Listener closes the socket that was being processed and resumes normal processing.

**Operator response:** Use the *errno* value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

----

**EZY1260E**  
*mm/dd/yy hh:mm:ss EZACIC03 ATTACH FAILED GPR15=xxxxxxx ERRNO=errno TRAN=tran TASK=cicstask*

**Explanation:** An ATTACH for an MVS subtask has failed. The reason code is in GPR 15.

*errno* is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes (ERRNOs)](z/OS Communications Server: IP and SNA Codes).

**System action:** The task related user exit (TRUE) for this transaction is disabled. The transaction abends with an AEY9.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Determine the cause for the ATTACH failure and correct.

**Module:** EZACIC01

**Procedure Name:** TASK RELATED USER EXIT (TRUE)
EZY1261I • EZY1264E

EZY1261I  mm/dd/yy hh:mm:ss EZACIC03 ATTACH SUCCESSFUL, TCB ADDRESS= tcbaddr TERM=term TRAN=tran TASK=cicstask

Explanation: An ATTACH for an MVS subtask was successful. This message is produced only for Listeners and for those tasks that cannot be accommodated within the pool of reusable tasks.

Result: If you specify the character L as the last character in the subtask ID parameter of an INITAPI socket command, then the IP CICS Socket task related user exit (TRUE) assumes that the CICS transaction is a listener causing the TRUE to attach a new task to support the listener’s socket commands.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

tcbaddr is the address of the Task Control Block (TCB) being attached.

term is the CICS terminal ID associated with the CICS transaction identified by tran.

tran is the name of the CICS transaction that was requested.

cicstask is the task number of the CICS transaction identified by tran.

System action: Processing continues.

Operator response: If this message happens frequently, increase the size of the reusable task pool, NTASKS, for this CICS. Increasing NTASKS appropriately will prevent overhead incurred with attaching the subtask. See the EZACICD TYPE parameter in z/OS Communications Server: IP CICS Sockets Guide for information the NTASKS value.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

EZY1262E  mm/dd/yy hh:mm:ss GWA ADDRESS INVALID UEPGAA=xxxxxxxx TRAN=tran TASK=cicstask

Explanation: The task related user exit (TRUE) detected an invalid GWA address.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

EZY1263E  mm/dd/yy hh:mm:ss TIE ADDRESS INVALID UEPGAA=xxxxxxxx TRAN=tran TASK=cicstask

Explanation: The task related user exit (TRUE) detected an invalid TIE address.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

EZY1264E  mm/dd/yy hh:mm:ss FLAG WORD ADDRESS INVALID UEPFLAGS= xxxxxxxx ERRNO=errno TRAN=tran TASK=cicstask

Explanation: The task related user exit (TRUE) detected an invalid flag word address.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOS) in z/OS Communications Server: IP and SNA Codes.
System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Use EZAO to stop (immediate) and start the CICS socket interface. If the problem repeats, contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1265E**

```
mm/dd/yy hh:mm:ss CICS VERSION UNSUPPORTED GWACIVRM=xxxx ERRNO=errno TRAN=tran
TASK=cicstask
```

Explanation: The task related user exit (TRUE) detected a version of CICS which it does not support. The CICS version must be 3 or above.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in `z/OS Communications Server: IP and SNA Codes`.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Contact the CICS system programmer.

System programmer response: The CICS socket interface requires CICS V3R3 or later.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1267E**

```
mm/dd/yy hh:mm:ss ROUTING TASK FUNCTION INVALID UERTIFD=xx ERRNO=errno TRAN=tran
TASK=cicstask
```

Explanation: The task related user exit (TRUE) detected an invalid routing task function.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in `z/OS Communications Server: IP and SNA Codes`.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: If this happens repeatedly, use EZAO to STOP (immediate) the CICS socket interface and then START it. If it still happens, contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1268E**

```
mm/dd/yy hh:mm:ss SAVE AREA ADDRESS INVALID UEPHSMA=xxxxxxx ERRNO=errno
TRAN=tran TASK=cicstask
```

Explanation: The task related user exit (TRUE) detected an invalid save area address.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in `z/OS Communications Server: IP and SNA Codes`.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)
EZY1269E  mm/dd/yy hh:mm:ss  PARM LIST ADDRESS INVALID GPR1= xxxxxxxx ERRNO=errno  TRAN=tran  TASK=cicstask

Explanation: The task related user exit (TRUE) detected an invalid parameter list on a call request from the CICS application program.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Check the application program calls to the CICS socket interface to ensure that each call has the correct number and type of parameters.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

---

EZY1270E  mm/dd/yy hh:mm:ss  PARM nn ADDRESS INVALID ADDRESS= xxxxxxxx ERRNO=errno  TRAN=tran  TASK=cicstask

Explanation: The task related user exit (TRUE) detected an invalid parameter address on a call request from the CICS application program. nn is the number of the parameter.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Check the application program calls to the CICS socket interface to ensure that the parameter addresses are valid (not zero). This problem is most common in assembler language and C applications.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

---

EZY1271E  mm/dd/yy hh:mm:ss  TOKERR=xxxxxxxx  ERRNO=errno  TRAN=tran  TASK=cicstask

Explanation: The task related user exit (TRUE) detected a token error on an internal token used to coordinate CICS transaction activity with TCP/IP activity.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

---

EZY1272E  mm/dd/yy hh:mm:ss  INVALID SOCKET/FUNCTION CALL FUNCTION= xxxx ERRNO=errno  TRAN=tran  TASK=cicstask

Explanation: A call to EZASOKET specified in invalid function.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.

Operator response: Correct the call and retry.

System programmer response: None.
Module: EZACIC01
Procedure Name: task related user exit (TRUE)

EZY1273E  mm/dd/yy hh:mm:ss IUCV SOCK/FUNC TABLE INVALID FUNCTION= xxxx ERRNO=errno
          TRAN=tran  TASK=cicstask

Explanation: A call to EZACICAL specified a function that was not valid.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended
return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.
Operator response: Correct the call and retry.
System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

EZY1274E  mm/dd/yy hh:mm:ss INCORRECT EZASOKET PARM COUNT FUNCTION= xxxx ERRNO=errno
          TRAN=tran  TASK=cicstask

Explanation: A call to EZASOKET specified in invalid number of parameters.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended
return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.
Operator response: Correct the call and retry.
System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

EZY1275E  mm/dd/yy hh:mm:ss MONITOR CALLS NOT SUPPORTED UERTFID=xx ERRNO=errno
          TRAN=tran  TASK=cicstask

Explanation: The task related user exit (TRUE) detected a monitor call which is not supported for this version of
CICS.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended
return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.
Operator response: Contact the IBM Software Support Center.
System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

EZY1276E  mm/dd/yy hh:mm:ss EDF CALLS NOT SUPPORTED UERTFID=xx ERRNO=errno
          TRAN=tran  TASK=cicstask

Explanation: The task related user exit (TRUE) detected an EDF (Execute Diagnostic Facility) call. This TRUE does
not support EDF calls.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended
return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action: The TRUE is disabled and the task abends with an AEY9.
Operator response: Contact the IBM Software Support Center.
**EZY1277I • EZY1282E**

System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1277I**  
mm/dd/yy  hh:mm:ss  EZACIC03 DETACHED TCB ADDRESS=xxxxxxxxx  ERRNO=errno  TRAN=tran  
TASK=cicstask

Explanation: An attached subtask is terminating.

*errno* is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes (ERRNOs)](https://zDocs/ibm.com) in *z/OS Communications Server: IP and SNA Codes*.

System action: The TRUE detaches the MVS subtask.
Operator response: None.
System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1278I**  
mm/dd/yy  hh:mm:ss  EZACIC03 DETACH SUCCESSFUL TCB ADDRESS=xxxxxxxxx  TRAN=tran  
TASK=cicstask

Explanation: An attached subtask is terminating.

System action: The TRUE detaches the MVS subtask.
Operator response: None.
System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1279E**  
mm/dd/yy  hh:mm:ss  INVALID SYNC PT COMMAND DISP=xx  TRAN=tran  
TASK=cicstask

Explanation: The task related user exit (TRUE) Detected an invalid Sync Point command.

System action: Disable the TRUE and return to the caller.
Operator response: Contact the IBM Software Support Center.
System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1280E**  
mm/dd/yy  hh:mm:ss  INVALID RESYNC COMMAND DISP=xx  TRAN=tran  
TASK=cicstask

Explanation: The task related user exit (TRUE) Detected an invalid Resync command.

System action: Disable the TRUE and return to the caller.
Operator response: Contact the IBM Software Support Center.
System programmer response: None.
Module: EZACIC01
Procedure Name: TASK RELATED USER EXIT (TRUE)

---

**EZY1282E**  
mm/dd/yy  hh:mm:ss  10999 ABEND  reasonxx

Explanation: The ESTAE processing in EZACIC03 could not be completed because of *reasonxx*.

System action: Allow the ABEND to percolate.
Operator response: Contact the IBM Software Support Center. See the CICS Application Programming Reference for information about abend codes.

System programmer response: None.

Module: EZACIC03

Procedure Name: MVS SUBTASK

---

EZY1285E mm/dd/yy hh:mm:ss CICS/ SOCKETS LISTENER TRANSACTION tran NOT ON CONFIGURATION FILE

Explanation: The Listener attempting to start does not have a description record on the CICS Sockets configuration file.

System action: Listener terminates.

Operator response: Contact CICS system programmer.

System programmer response: Add the Listener to the configuration file using EZAC and retry.

Module: EZACIC02

Procedure Name: LISTENER

---

EZY1286E mm/dd/yy hh:mm:ss READ FAILURE ON CICS/ SOCKETS CONFIGURATION FILE TRANSACTION= tran EIBRESP2= rrrrr

Explanation: The Listener could not read the configuration file.

System action: Listener terminates.

Operator response: Contact CICS system programmer.

System programmer response: Use the CICS APR to interpret the value of EIBRESP2. If the file is not known to CICS, perform the installation steps for the configuration file.

See the CICS Application Programming Reference for information about EIBRESP2 values.

Module: EZACIC02

Procedure Name: LISTENER

---

EZY1287E mm/dd/yy hh:mm:ss EZYCIC02 GETMAIN FAILURE FOR VARIABLE STORAGE TRANSACTION= tran EIBRESP2= rrrrr

Explanation: EZACIC02 could not obtain the variable storage it requires to execute.

System action: Listener terminates.

Operator response: Contact CICS system programmer.

System programmer response: Use the CICS APR to interpret the value of EIBRESP2. Correct your CICS configuration as indicated.

See the CICS Application Programming Reference for information about EIBRESP2 values.

Module: EZACIC02

Procedure Name: LISTENER

---

EZY1288E mm/dd/yy hh:mm:ss CICS SOCKETS MODULE mmmmmmmmmm ABEND aaaa

Explanation: An abend has occurred in module mmmmmmmmmm of the CICS socket interface.

System action: Listener terminates.

Operator response: See the CICS Application Programming Reference for information about abend codes. Contact the IBM Software Support Center.

System programmer response: None.
**EZY1289I • EZY1291I**

Module: EZACIC02
Procedure Name: LISTENER

---

**EZY1289I**

*mm/dd/yy hh:mm:ss* CICS LISTENER TRANSACTION *tran* TERMINATING

**Explanation:** The Listener is terminating. This could be a normal shutdown situation or a failure related to the Listener socket. If it is the latter, a previous message will describe the failure.

**System action:** Continue termination of the Listener.

**Operator response:** None.

**System programmer response:** None.

Module: EZACIC02
Procedure Name: LISTENER

---

**EZY1290I**

*mm/dd/yy hh:mm:ss* LISTENER TRANSACTION *tran* STARTING

**Explanation:** Transaction *tran*, Listener program EZACIC02 has been given control.

**System action:** Listener *tran* continues.

**Operator response:** None.

**System programmer response:** None.

Module: EZACIC02
Procedure Name: LISTENER

---

**EZY1291I**

*mm/dd/yy hh:mm:ss* LISTENER TRANSACTION *transactionid* TASKID=*taskno* ACCEPTING REQUESTS VIA PORT *port*

**Explanation:** The specified transaction can now receive connection requests on the specified port.

This message is issued when any of the following events occur:

- The listener is initialized and was able to connect to its TCP/IP.
- The listener reconnects to its TCP/IP after its TCP/IP has been restarted.
- The listener’s socket descriptor table is no longer full and the table is now accepting client connections.

In the message text:

- *mm/dd/yy* The date (month/day/year) of the message.
- *hh:mm:ss* The time (hours:minutess:seconds) of the message.
- *transactionid* The name of the listener’s transaction that can now accept new client connections.
- *taskno* The task number assigned by CICS.
- *port* The port number on which the listener identified by the *transactionid* value is listening.

**Example:**

EZY1291I 01/19/06 10:07:33 LISTENER TRANSACTION= CSKL TASKID= 0000079L ACCEPTING REQUESTS VIA PORT 3010

**System action:** The listener transaction continues.

**Operator response:** No action needed.

**User response:** None.

**System programmer response:** None.
Problem determination: None.
Source: Not applicable.
Module: EZACIC02
Routing code: Not applicable.
Descriptor code: Not applicable.

EZY1292E

**Explanation:** The initialization of the CICS socket interface did not complete successfully and this Listener cannot continue.

**System action:** Listener transaction `tran` terminates.

**Operator response:** If EZAO is being used to start the Listener, ensure that the CICS socket interface has successfully completed initialization first. If this happens during automatic initialization, look for other messages which would indicate why the initialization of the CICS socket interface failed.

See the [CICS Application Programming Reference](#) for information about EIBRCODEs.

**System programmer response:** None.

Module: EZACIC02
Procedure Name: LISTENER

---

EZY1293E

**Explanation:** Listener transaction `tran` experienced a failure on the INITAPI call.

- `errno` is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in [z/OS Communications Server: IP and SNA Codes](#).

**System programmer response:** None.

**System action:** Listener transaction `tran` terminates.

**Operator response:** Use the `errno` value to determine the cause of the failure.

Module: EZACIC02
Procedure Name: LISTENER

---

EZY1294E

**Explanation:** Listener transaction `tran` experienced a failure on the SOCKET call.

- `errno` is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in [z/OS Communications Server: IP and SNA Codes](#).

**System programmer response:** None.

**System action:** Listener transaction `tran` terminates.

**Operator response:** Use the `errno` value to determine the cause of the failure.

Module: EZACIC02
Procedure Name: LISTENER

---

EZY1295E

**Explanation:** Listener transaction `tran` experienced a failure on the BIND call.

- `errno` is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in [z/OS Communications Server: IP and SNA Codes](#).

**System programmer response:** None.

**System action:** Listener transaction `tran` terminates.

**Operator response:** Use the `errno` value to determine the cause of the failure.

Module: EZACIC02
Procedure Name: LISTENER
Operator response: Use the `errno` value to determine the cause of the failure.

Notes:
1. An ERRNO=13 could indicate that the port and jobname specified in the PORT statement in `hlq.TCPIP.PROFILE` does not match the port and jobname used by the CICS Listener.
2. An ERRNO=48 could indicate that the port is not reserved in `hlq.TCPIP.PROFILE`.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

---

**EZY1296E**  

** Operator response:** Use the `errno` value to determine the cause of the failure.

**Notes:**
1. An ERRNO=13 could indicate that the port and jobname specified in the PORT statement in `hlq.TCPIP.PROFILE` does not match the port and jobname used by the CICS Listener.
2. An ERRNO=48 could indicate that the port is not reserved in `hlq.TCPIP.PROFILE`.

**System programmer response:** None.

**Module:** EZACIC02  
**Procedure Name:** LISTENER

---

**EZY1297E**  

**Operator response:** Use the `errno` value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02  
**Procedure Name:** LISTENER

---

**EZY1298E**  

**Operator response:** Use the `errno` value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02  
**Procedure Name:** LISTENER
EZY1299E  mm/dd/yy hh:mm:ss SELECT CALL FAILURE TRANSACTION= tran  TASKID= xxxxx  ERRNO= errno

Explanation:  Listener transaction tran experienced a failure on the SELECT call.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

System action:  Listener transaction tran terminates.

Operator response:  Use the errno value to determine the cause of the failure.

System programmer response:  None.

Module:  EZACIC02
Procedure Name:  LISTENER

EZY1300E  mm/dd/yy hh:mm:ss RECV FAILURE TRANSID= transactionid TASKID= tasknumber  ERRNO= errno
INET ADDR= inetaddress  PORT= portnumber

Explanation:  The Listener transaction transactionid experienced a failure on the RECV call.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the Listener transaction performing the RECV Socket.

tasknumber is the CICS task number assigned to the CICS transaction transactionid.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action:  The Listener transaction transactionid continues.

Operator response:  Use the errno value to determine the cause of the failure.

System programmer response:  None.

Module:  EZACIC02
Procedure Name:  LISTENER

EZY1301E  mm/dd/yy hh:mm:ss CONNECTION CLOSED BY CLIENT TRANSACTION= transactionid  PARTNER
INET ADDR= ipaddr  PORT= port

Explanation:  A remote client connected to the CICS Listener but then closed the connection before sending the entire amount of data required by the Listener as determined by the MINMSGCL standard Listener configuration parameter or the MSGLEN enhanced Listener configuration parameter.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the transaction name of the CICS Listener.

ipaddr is the internet address of the remote client.

port is the port number of the remote client.

System action:  The Listener transaction transactionid continues.

Operator response:  Correct the client program.

System programmer response:  None.

Module:  EZACIC02
Procedure Name:  LISTENER
**EZY1302I • EZY1304I**

---

**EZY1302I**   \( mm/dd/yy \) \( hh:mm:ss \) READ TIMEOUT PARTNER INET ADDR=\( inetaddress \) PORT=\( portnumber \)

**Explanation:** The initial message from the client did not arrive within the read timeout value specified for this Listener in the CICS Sockets configuration file.

\( mm/dd/yy \) is the date (month/day/year) of the message.

\( hh:mm:ss \) is the time (hours:minutes:seconds) of the message.

\( inetaddress \) is the internet address of the connecting client.

\( portnumber \) is the connecting client’s port number.

**System action:** The Listener closes the connection socket and does not attempt to start a server transaction.

**Operator response:** Determine the cause of the delay and correct it.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1303I**   \( mm/dd/yy \) \( hh:mm:ss \) EZACIC02 GIVESOCKET TIMEOUT TRANS transactionid PARTNER INET ADDR=\( inetaddress \) PORT=\( portnumber \)

**Explanation:** The started server transaction did not perform the takesocket within the timeout value specified for this Listener in the CICS Sockets configuration file.

\( mm/dd/yy \) is the date (month/day/year) of the message.

\( hh:mm:ss \) is the time (hours:minutes:seconds) of the message.

\( transactionid \) is the name of the transaction that was requested by the connecting client.

\( inetaddress \) is the internet address of the connecting client.

\( portnumber \) is the connecting client’s port number.

**System action:** Send an error message to the client and close the socket.

**Operator response:** Determine the reason for the delay in the server transaction. Possible causes are an overloaded CICS system or excessive processing in the server transaction before the takesocket is issued. Correct the situation and retry.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1304I**   \( mm/dd/yy \) \( hh:mm:ss \) UNEXPECTED INPUT EVENT TRANSACTION transactionid PARTNER INET ADDR=\( inetaddress \) PORT=\( portnumber \)

**Explanation:** The Listener received data from the client after the end of the transaction input message.

\( mm/dd/yy \) is the date (month/day/year) of the message.

\( hh:mm:ss \) is the time (hours:minutes:seconds) of the message.

\( transactionid \) is the name of the transaction that was requested by the connecting client.

\( inetaddress \) is the internet address of the connecting client.

\( portnumber \) is the connecting client’s port number.

**System action:** The Listener ignores this data.

**Operator response:** Ensure that the minimum message length specification for this Listener in the CICS Sockets Configuration file is correct. If it is, determine why the client is sending this additional data.

**System programmer response:** None.

**Module:** EZACIC02

---

88  z/OS V1R11.0 Comm Svr: IP Messages Volume 3 (EZY)
EZY1305E  EZY1308E

Procedure Name: LISTENER

EZY1305E  mm/dd/yy hh:mm:ss UNEXPECTED EXCEPTION EVENT TRANS transactionid PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation: The Listener received an exception event on this connection other than the event showing a successful
takesocket was issued by the server.

_mm/dd/yy_ is the date (month/day/year) of the message.

_hh:mm:ss_ is the time (hours:minutes:seconds) of the message.

_transactionid_ is the name of the transaction that was requested by the connecting client.

_inetaddress_ is the internet address of the connecting client.

_portnumber_ is the connecting client’s port number.

System action: Ignore the event.

Operator response: Ensure the client is not doing anything that would cause an exception event such the use of
out-of-band data.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

EZY1306E  mm/dd/yy hh:mm:ss SECURITY EXIT mmmmmmmm IS NOT DEFINED TRANID= tran TASKID=xxxxxxxx

Explanation: The security exit specified for this Listener in the CICS Sockets configuration file is not defined to
CICS.

System action: Close the socket and terminate the connection.

Operator response: Use CICS RDO to define the security exit.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

EZY1307E  mm/dd/yy hh:mm:ss MAXIMUM # OF SOCKETS USED TRANS= tran TASKID= cicstask ERRNO= errno

Explanation: All of the sockets allocated to Listener transaction xxxx are in use.

_errno_ is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes (ERRNOs)](z/OS Communications Server: IP and SNA Codes).

System action: The ACCEPT call is delayed until a socket is available.

Operator response: Use the EZAC transaction to increase the number of sockets allocated Listener tran and then
stop and restart Listener transaction tran.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

EZY1308E  mm/dd/yy hh:mm:ss ACCEPT CALL FAILURE TRANSACTION= tran TASKID= cicstask ERRNO= errno

Explanation: Listener transaction tran experienced a failure on the ACCEPT call.

_errno_ is the UNIX System Services return code. These return codes are listed in the [sockets and sockets extended return codes (ERRNOs)](z/OS Communications Server: IP and SNA Codes).
**EZY1309E • EZY1311E**

**System action:** Listener transaction `tran` terminates.

**Operator response:** Use the `errno` value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

### EZY1309E

```
mm/dd/yy hh:mm:ss GIVESOCKET FAILURE TRANS transactionid TASKID=tasknumber ERRNO=errno INET ADDR=inetaddress PORT=portnumber
```

**Explanation:** The Listener transaction `transactionid` experienced a failure on the GIVESOCKET call.

- `mm/dd/yy` is the date (month/day/year) of the message.
- `hh:mm:ss` is the time (hours:minutes:seconds) of the message.
- `transactionid` is the name of the transaction that was requested by the connecting client.
- `tasknumber` is the CICS task number assigned to the CICS transaction `transactionid`.
- `errno` is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.
- `inetaddress` is the internet address of the connecting client.
- `portnumber` is the connecting client’s port number.

**System action:** The Listener transaction `transactionid` terminates.

**Operator response:** Use the `errno` value to determine the cause of the failure.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

### EZY1311E

```
mm/dd/yy hh:mm:ss IC VALUE NOT NUMERIC TRANID=transactionid PARTNER INET ADDR=inetaddress PORT=portnumber
```

**Explanation:** The interval specified in the transaction input message contains one or more non-numeric characters.

- `mm/dd/yy` is the date (month/day/year) of the message.
- `hh:mm:ss` is the time (hours:minutes:seconds) of the message.
- `transactionid` is the name of the transaction that was requested by the connecting client.
- `inetaddress` is the internet address of the connecting client.
- `portnumber` is the connecting client’s port number.

**System action:** The interval is ignored, and the transaction is started immediately.

**Operator response:** Correct the client program which is sending this transaction input message.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

### EZY1311E

```
mm/dd/yy hh:mm:ss CICS TRANID transactionid NOT AUTHORIZED PARTNER INET ADDR=inetaddress PORT=portnumber
```

**Explanation:** The transaction name specified in the transaction input message is not RSL authorized.

- `mm/dd/yy` is the date (month/day/year) of the message.
- `hh:mm:ss` is the time (hours:minutes:seconds) of the message.
transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: The transaction is not started.

Operator response: Correct the CICS transaction definition if the transaction should be authorized or the client program if it is sending the wrong transaction name.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

EZY1312E  mm/dd/yy hh:mm:ss SECURITY EXIT mmmmmmmmm CANNOT BE LOADED TRANID= tran
          TASKID=cicstask
Explanation: Listener transaction tran experienced a failure when it attempted to load security exit program mmmmmmmmm.

System action: Listener transaction tran continues but the server transaction associated with this transaction input message is not started.

Operator response: Use CEMT to determine the status of the exit program and correct whatever problems are found.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

EZY1313E  mm/dd/yy hh:mm:ss LISTENER NOT AUTHORIZED TO ACCESS SECURITY EXIT mmmmmmmmm
          TRANID= tran TASKID=xxxxxxx
Explanation: Listener transaction tran is not authorized to access security exit program mmmmmmmmm.

System action: Listener transaction tran continues but the server transaction associated with this transaction input message is not started.

Operator response: If the security exit program name is incorrect, use EZAC to correct the definition of this Listener on the CICS Sockets Configuration file. If the security exit program is correct, use the CICS RDO facility to authorize Listener transaction xxxx to use security exit program mmmmmmmmm.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

EZY1314E  mm/dd/yy hh:mm:ss SECURITY EXIT mmmmmmmmm IS DISABLED TRANID= tran TASKID=xxxxxxx
Explanation: Security exit program mmmmmmmmm is disabled.

System action: Listener transaction tran continues but the server transaction associated with this transaction input message is not started.

Operator response: Use CEMT to enable the security exit program.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

Chapter 2. EZY1xxx messages  91
EZY1315E  mm/dd/yy hh:mm:ss INVALID TRANSID transactionid PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation: The transaction input message from the client specified transaction transactionid but this transaction is not defined to CICS.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client. The transactionid field will be blank if no printable name was passed by the client or the security exit.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: The Listener transaction continues but the server transaction associated with this transaction input message is not started.

Operator response: If the transaction name is incorrect, correct the client program. If the transaction name is correct, correct the CICS transaction definition.

System programmer response: If transactionid is blank, then there is a possible mismatch because the Listener is expecting the first message segment to start with a transaction name but it does not. A packet trace might be helpful in determining whether there is such a mismatch. For example, if the packet trace shows that the first message segment starts with X’160300’ or X’160301’ then possibly a clienthello message was received, which indicates that there is an Application Transparent Transport Layer Security (AT-TLS) policy on the client side of the TCP connection but no matching AT-TLS policy (or AT-TLS is not enabled) on the Listener side of the TCP connection. This would need to be addressed by the AT-TLS administrator. See Application Transparent Transport Layer Security (AT-TLS) Data Protection in z/OS Communications Server: IP Configuration Guide and Diagnosing AT-TLS problems in z/OS Communications Server: IP Diagnosis Guide for more information.

Module: EZACIC02
Procedure Name: LISTENER

EZY1316E  mm/dd/yy hh:mm:ss TRANSID transactionid IS DISABLED PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation: Transaction transactionid is disabled.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: The Listener transaction continues but the server transaction associated with this transaction input message is not started.

Operator response: Use CEMT to enable the server transaction.

System programmer response: None.

Module: EZACIC02
Procedure Name: LISTENER

EZY1317E  mm/dd/yy hh:mm:ss TRANSID transactionid IS NOT AUTHORIZED PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation: The Listener transaction transactionid is not authorized to start the transaction name specified in the transaction input message.

mm/dd/yy is the date (month/day/year) of the message.
EZY1318E • EZY1320E

hh:mm:ss is the time (hours:minutes:seconds) of the message.
transactionid is the name of the transaction that was requested by the connecting client.
inetaddress is the internet address of the connecting client.
portnumber is the connecting client’s port number.
System action:  The transaction is not started.
Operator response:  Authorize Listener transaction transactionid to start the transaction.
System programmer response:  None.
Module:  EZACIC02
Procedure Name:  LISTENER

---

EZY1318E  mm/dd/yy hh:mm:ss TD START SUCCESSFUL QUEUEID= que
Explanation:  The Listener transaction started a server transaction through transient data queue que
System action:  Listener transaction continues and the server transaction is ready to start.
Operator response:  None.
System programmer response:  None.
Module:  EZACIC02
Procedure Name:  LISTENER

---

EZY1319E  mm/dd/yy hh:mm:ss QIDERR FOR TD DESTINATION queue name PARTNER INET ADDR= inetaddress
PORT= portnumber
Explanation:  The Listener transaction was unable to start a CICS transaction through transient data queue queue name. DFHRESP was QIDERR.
mm/dd/yy is the date (month/day/year) of the message.
hh:mm:ss is the time (hours:minutes:seconds) of the message.
queue name is the name of the transient data queue that was requested by the connecting client.
inetaddress is the internet address of the connecting client.
portnumber is the connecting client’s port number.
System action:  The Listener transaction continues.
Operator response:  If the queue name is incorrect, correct the client program sending this transaction input message. If the queue name is correct, correct the CICS Destination Control Table.
System programmer response:  None.
Module:  EZACIC02
Procedure Name:  LISTENER

---

EZY1320E  mm/dd/yy hh:mm:ss I/O ERROR FOR TD DESTINATION queue name PARTNER INET ADDR= inetaddress
PORT= portnumber
Explanation:  The Listener transaction was unable to start a CICS transaction through transient data queue queue name. DFHRESP was IOERR.
mm/dd/yy is the date (month/day/year) of the message.
hh:mm:ss is the time (hours:minutes:seconds) of the message.
queue name is the name of the transient data queue that was requested by the connecting client.
inetaddress is the internet address of the connecting client.
portnumber is the connecting client’s port number.
EZY1321E - EZY1323E

**System action:** The Listener transaction continues.
**Operator response:** Contact the CICS system programmer.
**System programmer response:** None.
**Module:** EZACIC02
**Procedure Name:** LISTENER

---

**EZY1321E**

-mm/dd/yy hh:mm:ss LENGTH ERROR FOR TD DESTINATION queue name PARTNER INET ADDR=inetaddress PORT=portnumber

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue queue name. DFHRESP was LENGERR.

- mm/dd/yy is the date (month/day/year) of the message.
- hh:mm:ss is the time (hours:minutes:seconds) of the message.
- queue name is the name of the transient data queue that was requested by the connecting client.
- inetaddress is the internet address of the connecting client.
- portnumber is the connecting client’s port number.

**System action:** The Listener transaction continues.
**Operator response:** Contact the CICS system programmer. The minimum length for this queue should be greater than 72.
**System programmer response:** Change definition of Transient Data Queue to accommodate length of this message.
**Module:** EZACIC02
**Procedure Name:** LISTENER

---

**EZY1322E**

-mm/dd/yy hh:mm:ss TD DESTINATION queue name DISABLED PARTNER INET ADDR=inetaddress PORT=portnumber

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue queue name. DFHRESP was DISABLED.

- mm/dd/yy is the date (month/day/year) of the message.
- hh:mm:ss is the time (hours:minutes:seconds) of the message.
- queue name is the name of the transient data queue that was requested by the connecting client.
- inetaddress is the internet address of the connecting client.
- portnumber is the connecting client’s port number.

**System action:** The Listener transaction continues.
**Operator response:** Use CEMT to enable the destination.
**System programmer response:** None.
**Module:** EZACIC02
**Procedure Name:** LISTENER

---

**EZY1323E**

-mm/dd/yy hh:mm:ss TD DESTINATION queue name OUT OF SPACE PARTNER INET ADDR=inetaddress PORT=portnumber

**Explanation:** The Listener transaction was unable to start a CICS transaction through transient data queue queue name. DFHRESP was NOSPACE.

- mm/dd/yy is the date (month/day/year) of the message.
- hh:mm:ss is the time (hours:minutes:seconds) of the message.
queue name is the name of the transient data queue that was requested by the connecting client.

inet address is the internet address of the connecting client.

port number is the connecting client’s port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Allocate space for this Transient Data Queue.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1324E**  

:mm/dd/yy hh:mm:ss  TD START FAILED QUEUE ID=queue name PARTNER INET ADDR=inet address  

PORT=port number

**Explan**ation: The Listener transaction was unable to start a CICS transaction through transient data queue queue name.

**mm/dd/yy** is the date (month/day/year) of the message.

**hh:mm:ss** is the time (hours:minutes:seconds) of the message.

queue name is the name of the transient data queue that was requested by the connecting client.

inet address is the internet address of the connecting client.

port number is the connecting client’s port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Determine the problem with the Transient Data Queue and correct it.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1325I**  

:mm/dd/yy hh:mm:ss  START SUCCESSFUL TRANID=transaction id PARTNER INET ADDR=inet address  

PORT=port number

**Explan**ation: The Listener transaction was able to start a CICS transaction transaction id transient data queue.

**mm/dd/yy** is the date (month/day/year) of the message.

**hh:mm:ss** is the time (hours:minutes:seconds) of the message.

transaction id is the name of the transaction that was requested by the connecting client.

inet address is the internet address of the connecting client.

port number is the connecting client’s port number.

**System action:** The Listener transaction continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1326E**  

:mm/dd/yy hh:mm:ss  START I/O ERROR TRANID=transaction id PARTNER INET ADDR=inet address  

PORT=port number

**Explan**ation: The Listener transaction was unable to start a CICS transaction transaction id. DFHRESP was IOERR.

**mm/dd/yy** is the date (month/day/year) of the message.
**EZY1327E • EZY1328E**

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client’s port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Determine the cause of the I/O error and correct it.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1327E**

```
mm/dd/yy hh:mm:ss START TRANSACTION ID transactionid INVALID PARTNER INET
   ADDR=inetaddress PORT=portnumber
```

**Explanation:** The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was TRANSIDERR.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client’s port number.

**System action:** The Listener transaction continues.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Check the transaction definition in RDO to ensure it is correct.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**EZY1328E**

```
mm/dd/yy hh:mm:ss START TRANSACTION ID transactionid NOT AUTHORIZED PARTNER INET
   ADDR=inetaddress PORT=portnumber
```

**Explanation:** The Listener transaction was unable to start a CICS transaction *transactionid*. DFHRESP was NOTAUTH.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*transactionid* is the name of the transaction that was requested by the connecting client.

*inetaddress* is the internet address of the connecting client.

*portnumber* is the connecting client’s port number.

**System action:** The Listener transaction continues.

**Operator response:** If the transaction ID is incorrect, correct the client program which sent this transaction input message. If the transaction ID is correct, authorize Listener transaction to start this transaction.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER
EZY1329E • EZY1331E

EZY1329E  mm/dd/yy hh:mm:ss START FAILED (99) TRANSID=transactionid PARTNER INET ADDR=inetaddress
                  PORT=portnumber

Explanation: The Listener transaction was unable to start a CICS transaction transactionid. DFHRESP was 99.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: The Listener transaction continues.

Operator response: Contact the CICS system programmer.

System programmer response: Check the transaction definition in RDO. Look for associated messages in the
                          MSGUSR queue, which might indicate why the transaction would not start.

Module: EZACIC02

Procedure Name: LISTENER

---

EZY1330E  mm/dd/yy hh:mm:ss IC START SUCCESSFUL TRANID=transactionid PARTNER INET
                  ADDR=inetaddress PORT=portnumber

Explanation: The Listener transaction was able to start a CICS transaction transactionid.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: The Listener transaction continues.

Operator response: None.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

---

EZY1331E  mm/dd/yy hh:mm:ss IC START I/O ERROR TRANID=transactionid PARTNER INET ADDR=inetaddress
                  PORT=portnumber

Explanation: Listener transaction was unable to start a CICS transaction transactionid. DFHRESP was IOERR.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: Listener transaction continues.

Operator response: Contact the CICS system programmer.

System programmer response: Look for other messages in the MSGUSR queue, which provide specific information
                             on the I/O error and correct the problem.

Module: EZACIC02
Procedure Name: LISTENER

EZY1332E mm/dd/yy hh:mm:ss IC START INVALID REQUEST TRANID=transactionid PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation: Listener transaction was unable to start a CICS transaction transactionid. DFHRESP was INVREQ.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: Listener transaction continues.

Operator response: Collect the messages written to the console and MSGUSR queue, client input data, and a

SOCKAPI component trace and contact the IBM Software Support Center.

System programmer response: None.

Module: EZACIC02

Procedure Name: LISTENER

EZY1333E mm/dd/yy hh:mm:ss IC START FAILED TRANID=transactionid PARTNER INET ADDR=inetaddress PORT=portnumber

Explanation: Listener transaction was unable to start a CICS transaction transactionid.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

System action: Listener transaction continues.

Operator response: Contact the CICS system programmer.

System programmer response: Check the RDO definition of the transaction. Collect the messages written to the

console and MSGUSR queue, client input data, and a SOCKAPI component trace and contact the IBM Software Support Center.

Module: EZACIC02

Procedure Name: LISTENER

EZY1334E mm/dd/yy hh:mm:ss INVALID USER TRANID=transactionid PARTNER INET ADDR=inetaddress

PORT=portnumber USERID = userid

Explanation: This message indicates that the user security exit has given the Listener an invalid USERID field.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction that was requested by the connecting client.

inetaddress is the internet address of the connecting client.

portnumber is the connecting client’s port number.

userid is the user ID assigned by the user security exit.

System action: The server transaction that is identified by the transactionid value does not start.
**Operator response:** Correct the user ID that is not valid in the user security exit.

**System programmer response:** None.

**Module:** EZACIC02

**Procedure Name:** LISTENER

---

**Explanation:** Listener transaction had a failure on a WRITE command.

- `mm/dd/yy` is the date (month/day/year) of the message.
- `hh:mm:ss` is the time (hours:minutes:seconds) of the message.
- `errno` is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in [z/OS Communications Server: IP and SNA Codes](#).
- `TRANID=transactionid` is the name of the transaction that was requested by the connecting client.
- `PARTNER INET ADDR=inetaddress PORT=portnumber` are the internet address and port number of the connecting client.

**System action:** The Listener transaction continues.

**Operator response:** Use the `errno` value to determine the cause of the failure.

---

**Explanation:** The Listener transaction had a failure on a TAKESOCKET command.

- `mm/dd/yy` is the date (month/day/year) of the message.
- `hh:mm:ss` is the time (hours:minutes:seconds) of the message.
- `errno` is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in [z/OS Communications Server: IP and SNA Codes](#).
- `tran` is the name of the transaction that was requested by the connecting client.
- `inetaddress` is the internet address of the connecting client.
- `portnumber` is the connecting client’s port number.

**System action:** The Listener transaction continues.

**Operator response:** Use the `errno` value to determine the cause of the failure.

---

**Explanation:** Listener transaction `tran` is terminating because it detected a CICS quiesce in progress.

**System action:** Listener transaction `tran` terminates.

**Operator response:** None

**System programmer response:** None.
**EZ1338E • EZY1319E**

**Module**: EZACIC02

**Procedure Name**: LISTENER

---

**EZ1338E**  

| mm/dd/yy | h:mm:ss | PROGRAM | programname | NOT FOUND | TRANID= | transactionid | PARTNER | INET | ADDR= | portnumber |

**Explanation**: The Listener checked the status of the program associated with the transaction. It was not found.

- **mm/dd/yy** is the date (month/day/year) of the message.
- **h:mm:ss** is the time (hours:minutes:seconds) of the message.
- **programname** is the name of the program which is associated with the transaction requested by the connecting client.
- **transactionid** is the name of the transaction that was requested by the connecting client.
- **INET** is the internet address of the connecting client.
- **PORT** is the connecting client’s port number.

**System action**: Listener continues.

**Operator response**: If **transactionid** is incorrect, correct the client program that sent the transaction input message. If the transaction ID is correct, check the transaction and program definitions in CICS.

**System programmer response**: None.

**Module**: EZACIC02

---

**EZ1339E**  

| mm/dd/yy | h:mm:ss | EXIT PROGRAM | EZACIC01 | IS NOT ENABLED. DISABLE IGNORED |

**TERM=** term  
**TRAN=** tranxxx

**Explanation**: A termination of the CICS socket interface was requested but the interface is not enabled.

**System action**: The termination request is ignored.

**Operator response**: None.

**System programmer response**: None.

**Module**: EZACIC22

**Procedure Name**: TERMINATION

---

**EZ1340E**  

| mm/dd/yy | h:mm:ss | API ALREADY QUIESCING DUE TO PREVIOUS REQ. EZAO IGNORED |

**TERM=** term  
**TRAN=** tranxxx

**Explanation**: A request for a quiesce of the CICS socket interface has been made but one is already in progress.

**System action**: Ignore the second request.

**Operator response**: None.

**System programmer response**: None.

**Module**: EZACIC22

**Procedure Name**: TERMINATION

---

**EZ1341E**  

| mm/dd/yy | h:mm:ss | API ALREADY IN IMMED MODE DUE TO PREV. REQ. EZAO IGNORED |

**TERM=** term  
**TRAN=** tranxxx

**Explanation**: A request for an immediate of the CICS socket interface has been made but one is already in progress.

**System action**: Ignore the second request.

**Operator response**: None.

**System programmer response**: None.

**Module**: EZACIC22
Procedures

**EZY1342I**

**Procedure Name:** TERMINATION

**EZY1342I**  

 Disable delayed until all using tasks complete

**TERM**=termid

**TRAN**=transid

**EXPLANATION:** A quiesce is in progress and is waiting for all outstanding CICS tasks to complete using the CICS socket interface.

When an IP CICS interface is being shut down, the following actions occur:

- All listeners are posted to end.
- If the interface is configured as OTE=NO, all non-listener tasks have their MVS subtask posted and their CICS task ends.
- If the interface is configured as OTE=YES, any non-listener transaction that is running a blocking socket command is forced to end by a CICS FORCE PURGE action.

See the information about the [TYPE=CICS parameter in z/OS Communications Server: IP CICS Sockets Guide](https://www.ibm.com/support/knowledgecenter) for information about the OTE configuration option.

In the message text:

**mm/dd/yy**

The date (month/day/year) of the message.

**hh:mm:ss**

The time (hours:minutes:seconds) of the message.

**termid**

The CICS terminal ID on which the IP CICS socket shutdown is occurring.

**transid**

The CICS transaction ID that requested that the IP CICS socket be shut down.

**System action:** The system continues to shut down.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

**EZY1343I**

**CICS/sockets interface immediately disabled**

**TERM**=term

**TRAN**=transid

**EXPLANATION:** A request for immediate termination of the CICS socket interface has been successfully completed.

**System action:** Terminate the CICS socket interface.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZACIC22

**Procedure Name:** TERMINATION

**EZY1344I**

**CICS/sockets interface quiescently disabled**

**TERM**=term

**TRAN**=transid

**EXPLANATION:** A request for deferred termination of the CICS socket interface has been successfully completed.

**System action:** Terminate the CICS socket interface.

**Operator response:** None.

**System programmer response:** None.
Module: EZACIC22

EZY1345E  mm/dd/yy hh:mm:ss  CICS/ SOCKETS  WLM REGISTER FAILURE. RETURN CODE = return_code, GROUP = groupname, LISTNER = list

Explanation: The CICS Listener received an error response when attempting to register WLM group with the Workload manager.

mm/dd/yy hh:mm:ss  Date and time of the message.

return_code  The return code from the WLM registration.

groupname  Name of the WLM group.

list  Name of the CICS Listener.

System action: The Listener continues initialization but will not use groupname to participate in workload connection balancing.

Operator response: Verify that the WLM group name is correct and correctly defined to the Workload manager. If it is incorrect, either change it in the EZACICD TYPE=LISTENER macro that was used to define the Listener, or change it via the EZAC transaction. See the z/OS MVS Programming: Workload Management Services for more information about return_code.

System programmer response: None

Module: EZACIC12

EZY1346E  mm/dd/yy hh:mm:ss  CICS SOCKETS WLM Deregister FAILED RETURN CODE = return_code, GROUP = groupname, LISTNER = list

Explanation: The CICS Listener received an error response when attempting to deregister WLM group with the Workload manager.

mm/dd/yy hh:mm:ss  Date and time of the message.

return_code  The return code from the WLM deregistration.

groupname  Name of the WLM group.

list  Name of the CICS Listener.

System action: The Listener continues termination.

Operator response: See the z/OS MVS Programming: Workload Management Services for more information about return_code.

System programmer response: None.

Module: EZACIC12

EZY1347I  mm/dd/yy hh:mm:ss  PROGRAM programname ASSUMED TO BE AUTOINSTALLED

TRANID=transactionid  IP ADDR=inetaddress  PORT=portnumber

Explanation: The Listener checked the status of the program associated with the transaction. It was not found. Since program autoinstall is active in the CICS region, the Listener assumes that the program definition will automatically be installed by CICS.

mm/dd/yy  The date (month/day/year) of the message.

hh:mm:ss  The time (hours:minutes:seconds) of the message.
programname
The name of the undefined program which is associated with the transaction requested by the connecting client.

transactionid
The name of the transaction that was requested by the connecting client.

inetaddress
The internet address of the connecting client.

portnumber
The connecting client’s port number.

System action: Listener continues.

Operator response: None.

System programmer response: Verify that the program name in the transaction definition is correct. Verify that the program is intended to be autoinstalled rather than explicitly defined in the PPT.

Module: EZACIC02

Procedure Name: LISTENER

EZY1348E mm/dd/yy hh:mm:ss INVALID SOCKET FUNCTION function ERRNO errno TRAN tranid TASK taskid

Explanation: The task related user exit (TRUE) detected an invalid socket function on a call request from the CICS application program.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

function is the invalid socket function.

errno is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

tranid is the name of the CICS transaction.

taskid is the CICS task ID number.

System action: The TRUE is disabled and the task abends with an AEY9 CICS abend code.

Operator response: Correct the invalid socket function and retry.

The most probable errno is 10011 ‘INVALID SOCKET FUNCTION’. If the socket function name appears correct, ensure that the application padded the function call with blanks.

System programmer response: None.

Module: EZACIC01

Procedure Name: Task Related User Exit (TRUE)

EZY1349E mm/dd/yy hh:mm:ss UNABLE TO OPEN CONFIGURATION FILE TRANSACTION=transactionid EIBRESP2=eibresp2

Explanation: The CICS Listener received an abnormal response from CICS when attempting to open the CICS Sockets configuration file (EZACONFG) using an EXEC CICS SET FILE call.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the transaction under which the Listener is executing.

eibresp2 is the EIBRESP2 value returned by CICS on the EXEC CICS SET FILE call as described in CICS System Programming Reference.

System action: The Listener ends.

Operator response: Contact the CICS system programmer.
System programmer response: Use the **CICS System Programming Reference** to interpret the value of EIBRESP2. If the file is not known to CICS, perform the installation steps for the configuration file.

Module: EZACIC02  
Procedure Name: LISTENER

**EZY1350E mm/dd/yy hh:mm:ss NOT AUTHORIZED TO USE api_function, action IGNORED.** 
**TERM=termid TRAN=transid**

Explanation: The IP CICS socket interface uses a CICS EXTRACT EXIT command to determine whether the IP CICS Sockets Task Related User Exit (TRUE) is enabled. This action is performed by IP CICS socket interface initialization and shutdown programs, the Listener, and by any user application linking to the IP CICS domain name server module.

*mm/dd/yy* is the date (month/day/year) of the message.  
*hh:mm:ss* is the time (hours:minutes:seconds) of the message.  
*api_function* is the CICS command performed.  
*action* is the action intended.  
• ENABLE means the IP CICS socket interface is being enabled.  
• DISABLE means the IP CICS socket interface is being disabled.  
• STARTUP means the IP CICS socket interface is being started.

*termid* is the terminal ID where the transaction receiving the error is executing.  
*transid* is the name of the transaction that is incurring the security violation.

System action:  
• If the TRUE is being enabled when the IP CICS socket interface is initializing, then the enable action is ignored and the interface is not activated.  
• If the TRUE is being disabled when the IP CICS socket interface is shutting down, then the disable action is ignored and the interface remains active.  
• If the IP CICS socket interface is being started, then the startup action is ignored and the interface remains inactive.

Operator response: Contact the CICS system programmer.

System programmer response: Ensure that the user ID being used is allowed at least UPDATE access to the EXITPROGRAM resource.

Module: EZACIC02, EZACIC21, EZACIC22  
Procedure Name: Listener, Initialization, Shutdown

**EZY1351E mm/dd/yy hh:mm:ss EXIT PROGRAM (EZACIC01) IS NOT ENABLED, action IGNORED.** 
**TERM=termid TRAN=transid**

Explanation: The IP CICS socket interface uses a CICS ENABLE PROGRAM command to enable the IP CICS Sockets Task Related User Exit (TRUE). This action is performed by IP CICS socket interface initialization.

*mm/dd/yy* is the date (month/day/year) of the message.  
*hh:mm:ss* is the time (hours:minutes:seconds) of the message.  
*action* is the action intended.  
• ENABLE means the IP CICS socket interface is being enabled.  
• DISABLE means the IP CICS socket interface is being disabled.

*termid* is the terminal ID where the transaction receiving the error is executing.  
*transid* is the name of the transaction that is incurring the security violation.

System action: The IP CICS socket interface is not initialized.
Operator response: Contact the CICS system programmer.

System programmer response: Ensure that the user ID being used is allowed at least UPDATE access to the EXITPROGRAM resource.

Module: EZACIC21

Procedure Name: Initialization

EZY1352E  mm/dd/yy hh:mm:ss SUBTASK ENDED UNEXPECTEDLY TRANSACTION= transactionid TASKID= taskid

Explanation: The current tasks CICS Sockets subtask ended unexpectedly. This is probably caused by an ABEND of the subtask.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

transactionid is the name of the CICS transaction whose subtask ended unexpectedly.

taskid is the CICS task number of the task whose subtask ended unexpectedly.

System action: The CICS socket interface is disabled for the current task. Any subsequent CICS Sockets calls by that task will result in CICS ABEND code AEY9. Other tasks are not affected.

Operator response: Contact the CICS system programmer.

System programmer response: Check the console log for previous messages that explain what happened to the subtask.

Module: EZACIC01

Procedure Name: TASK RELATED USER EXIT (TRUE)

EZY1353E  mm/dd/yy hh:mm:ss COMMA MISSING AFTER IC TRANS ID = transactionid PARTNER IP ADDR = inetaddress PORT = portnumber

Explanation: The listener did not find a comma delimiter after the interval control (IC) start type indicator in the client’s transaction request message.

In the message text:

mm/dd/yy
 The date (month/day/year) of the message.

hh:mm:ss
 The time (hours:minutes:seconds) of the message.

transactionid
 The name of the transaction that was requested by the connecting client.

inetaddress
 The internet address of the connecting client.

portnumber
 The connecting client’s port number.

Example: An example of a transaction request message for the standard listener:

SCCS,DATA,IC000010

EZY1258I  10/11/05 14:01:55 EZACIC02 ENTRY POINT IS 17CB2028
EZY1258I  10/11/05 14:01:55 EZACIC01 ENTRY POINT IS 177E2518
EZY1291I  10/11/05 14:01:56 LISTENER TRANSACTION= CSKL TASKID= 0000032L ACCEPTING REQUESTS VIA PORT 3010
EZY1353E  10/11/05 14:02:56 COMMA MISSING AFTER IC TRANSACTION ID= SCCS PARTNER INET ADDR=10.1.1.2 PORT= 1076

System action: The listener does not start the transaction specified by the client’s transaction request message and ends the connection. This message is also returned to the client.

Operator response: Ensure that a comma delimiter separates the IC start type and the IC start time. See Listener
EZY1354I  •  EZY1355I

For information about the client’s transaction request message.

User response:  Not applicable.

System programmer response:  None.

Problem determination:  Not applicable.

Source:

Module:  EZACIC02

Routing code:  Not applicable.

Descriptor code:  Not applicable.

---

**EZY1354I**  
**Explanation:**  This message shows the status of changing IP CICS Sockets CICS tracing and is issued when one of the following occurs:

- The operator issued the EZAO,START,TRACE transaction.
- The operator issued the EZAO,STOP,TRACE transaction.
- The CICS Master User Trace Flag is specified as OFF and the IP CICS Sockets TRACE configuration is specified as YES.

**mm/dd/yy** is the date (month/day/year) of the message.

**hh:mm:ss** is the time (hours:minutes:seconds) of the message.

**status** is the status of CICS tracing for the IP CICS socket interface.

- ENABLED indicates that the IP CICS socket interface will generate CICS trace data when CICS tracing is active.
- DISABLED indicates that the IP CICS socket interface will not generate CICS trace data.

**System action:**  When **status** is ENABLED, IP CICS Sockets will generate CICS trace data when CICS tracing is active. When **status** is DISABLED, IP CICS Sockets will not generate CICS trace data.

Operator response:  None.

System programmer response:  None.

Module:  EZACIC00, EZACIC01

Procedure Name:  TRC00000, SUB05100

---

**EZY1355I**  
**Explanation:**  IP CICS Sockets has determined that the value specified for TCBLIM exceeds the value of MAXOPENTCBS allowed at the time the interface was enabled. TCBLIM will be forced to the same value as MAXOPENTCBS.

**mm/dd/yy** is the date (month/day/year) of the message.

**hh:mm:ss** is the time (hours:minutes:seconds) of the message.

**System action:**  IP CICS Sockets TCBLIM will default to the value of MAXOPENTCBS. IP CICS Sockets processing continues.

Operator response:  Contact the CICS system programmer.

System programmer response:  Adjust the value specified by the TCBLIM configuration option using one or more of the following methods:

- Specify an appropriate TCBLIM value on the EZACICD TYPE=CICS,TCBLIM= macro.
- Specify an appropriate TCBLIM value using the EZAC Configuration transaction.
- Specify an appropriate TCBLIM value dynamically by using the EZAO Operator transaction.
- Specify an appropriate MAXOPENTCBS value using the CICS System Initialization parameters.
• Specify an appropriate MAXOPENTCBS value using the CICS Master Terminal transaction, CEMT SET DISPATCHER MAXOPENTCBS.

See the following sections in z/OS Communications Server: IP CICS Sockets Guide:
• Building the configuration data set with EZACICD for information about using the EZACICD macro.
• Configuration transaction (EZAC) for information about the EZAC Configuration transaction.
• SET function and INQUIRE function for information about the EZAO Operator transaction.
• The EZACICD TYPE parameter in z/OS Communications Server: IP CICS Sockets Guide for a description of the TCBLIM parameter.

See the CICS System Definition Guide for a description of the MAXOPENTCBS parameter. See CICS Supplied Transactions for information about using the CEMT transaction.

Module: EZACIC21

Procedure Name: Initialization

---

**EZY1356E**  
*mm/dd/yy hh:mm:ss CICS/ SOCKETS TCBLIM HAS BEEN REACHED*

**Explanation:** The number of IP CICS Sockets-enabled CICS tasks using an Open API, L8, TCB is equal to the value specified by the TCBLIM configuration option.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** The IP CICS socket interface will suspend any new tasks until one of the following actions occur:
• The IP CICS Sockets TCBLIM value is increased.
• Existing transactions using IP CICS Sockets end.

This message will be issued only when the interface detects that it has reached TCBLIM. EZY1360I will be issued when this condition is relieved.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Use the CICS Master Terminal transaction, CEMT INQ TASK HVALUE(ATTTCBLIM), to determine which IP CICS Sockets-enabled CICS transactions are subject to TCBLIM. Either take action to reduce the IP CICS Sockets work load or increase the IP CICS Socket TCBLIM configuration option. You can use the EZAO,SET,CICS Operator transaction to dynamically increase TCBLIM. The new value you set for the TCBLIM configuration option must be less than or equal to the value specified by MAXOPENTCBS.

Module: EZACIC01

Procedure Name: SUB16000

---

**EZY1357I**  
*mm/dd/yy hh:mm:ss TRANSIENT DATA QUEUE SPECIFIED ON ERRORTD IS NOT DEFINED TO CICS*

**Explanation:** IP CICS Sockets has determined that the CICS transient data queue specified by the ERRORTD configuration option was not defined to the CICS region where the IP CICS socket interface is enabled.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

**System action:** The CSMT transient data queue will be used for reporting all IP CICS Sockets interface messages. CSMT is the default CICS transient data queue name.

**Operator response:** Contact the CICS system programmer.

**System programmer response:** Ensure that the CICS transient data queue specified by the ERRORTD configuration option is properly defined to CICS.

See the Transient data definition in z/OS Communications Server: IP CICS Sockets Guide for more information.

Module: EZACIC21
EZY1358E  •  EZY1361E

Procedure Name: Initialization

**EZY1358E**  10999 ABEND - IP CICS SOCKETS USING OTE

Explanation: IP CICS Sockets has incorrectly called the MVS subtask wrapper module when the interface was enabled to use CICS Open Transaction Environment.

System action: The IP CICS socket interface will stop.

Operator response: Contact the CICS system programmer.

System programmer response: Contact the IBM Software Support Center. See the CICS Application Programming Reference for information about abend codes.

Module: EZACIC03

Procedure Name: MVS SUBTASK

**EZY1359I**  mm/dd/yy hh:mm:ss  CICS/SOCKETS APPLICATIONS WILL USE THE QR TCB

Explanation: IP CICS Sockets has determined that CICS FORCEQR=YES is specified.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action: CICS will force all user application programs, including those enabled to IP CICS Sockets, that are specified as threadsafe to run under the CICS Quasi-Reentrant (QR) TCB, as if they were specified as quasi-reentrant programs.

Operator response: Contact the CICS system programmer.

System programmer response: If you do not want to incur the overhead of CICS switching Open API-enabled tasks back to the QR TCB, then change the value of FORCEQR to NO. See the CICS System Definition Guide for more information about the FORCEQR CICS System Initialization parameter. See CICS Supplied Transactions for more information about the CICS Master Terminal transaction that is used to dynamically change the FORCEQR setting.

Module: EZACIC21

Procedure Name: Initialization

**EZY1360I**  mm/dd/yy hh:mm:ss  CICS/SOCKETS TCBLIM CONDITION HAS BEEN RELIEVED

Explanation: IP CICS Sockets enable transactions are no longer suspended due to TCBLIM.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.

System action: Any new or suspended IP CICS Sockets work will now be processed without being suspended due to IP CICS Sockets being at TCBLIM.

Operator response: None.

System programmer response: None.

Module: EZACIC01

Procedure Name: SUB16000, Task termination

**EZY1361E**  mm/dd/yy hh:mm:ss  CICS/TS OPEN TRANSACTION ENVIRONMENT SUPPORT IS NOT AVAILABLE

Explanation: The IP CICS Sockets OTE configuration parameter is specified as YES. IP CICS Sockets determined that the CICS environment that is required to support the exploitation of CICS Open Transaction Environment by IP CICS Sockets is not available.

mm/dd/yy is the date (month/day/year) of the message.

hh:mm:ss is the time (hours:minutes:seconds) of the message.
System action: The IP CICS socket interface is not enabled to use CICS Open Transaction Environment.

Operator response: Contact the system programmer.

System programmer response: Perform one of the following:
- Upgrade the level of CICS to support Open Transaction Environment. The CICS Open Transaction Environment requires CICS/TS V2R2 or later.
- Change the IP CICS socket interface configuration to use MVS subtasks when configuring it by using the EZAC configuration transaction or the EZACICD macro.

Module: EZACIC21

Procedure Name: Initialization

---

EZY1362E  mm/dd/yy hh:mm:ss  CICS SOCKETS START OF LISTENER transactionid FAILED RESP1= resp1  
RESP2= resp2

Explanation: CICS Sockets attempted to start the specified listener, but the EXEC CICS START command failed with the RESP1 and RESP2 values listed in the message text.

- **mm/dd/yy** is the date (month/day/year) of the message.
- **hh:mm:ss** is the time (hours:minutes:seconds) of the message.
- **transactionid** is the transaction name of the listener that the CICS Sockets attempted to start.
- **resp1** is the RESP1 value returned by the EXEC CICS START transaction.
- **resp2** is the RESP2 value returned by the EXEC CICS START transaction.

System action: The CICS Listener does not start.

Operator response: None.

System programmer response: See the description of the START command in the CICS Application Programming Reference for information about why the START command failed.
- If the RESP2 value is 8 or 9, then the problem is related to the USERID parameter in the definition of the listener. Verify that the USERID parameter is correct. See Setting up and configuring CICS TCP/IP in z/OS Communications Server: IP CICS Sockets Guide for a description of the USERID parameter.
- If the RESP2 value is 8, then the USERID parameter of the listener definition specifies a user ID that is not known to RACF®. Therefore, either change the USERID parameter or define the user ID to RACF.
- If the RESP2 value is 9, then the user ID under which the EXEC CICS START was issued does not have SURROGAT security access to the user ID that is specified in the USERID parameter. For example, if the failure occurs during CICS PLT processing, then the PLT user ID does not have SURROGAT security access to the listener’s user ID. See the CICS RACF Security Guide for more information.

Module: EZACIC21

Procedure Name: INITIALIZATION

---

EZY1363I  mm/dd/yy hh:mm:ss LISTENER transactionid taskno HAD threads THREADS ACTIVE WHEN STACK tcpname ENDED

Explanation: This message displays the number of listener threads that were active when the TCP/IP stack that is specified ended. This message is followed by one or more EZY1368I messages that describe the clients that are affected.

In the message text:

- **mm/dd/yy**
  - The date (month/day/year) of the message.
- **hh:mm:ss**
  - The time (hours:minutes:seconds) of the message.
- **transactionid**
  - The listener’s transaction ID.
EZY1364I

**taskno**

The task number assigned by CICS.

**threads**

The number of threads that were active when the specified TCP/IP stack ended.

**tcpname**

The TCP/IP procedure name with which the listener had affinity.

**Example:** Following is an example of the messages that are displayed when the stack has ended while the listener was processing data.

EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR

**System action:** Processing continues.

**Operator response:** No action needed.

**User response:** No action needed.

**System programmer response:** No action needed.

**Problem determination:** Not applicable.

**Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

**Module:** EZACIC02

**Routing code:** 10

**Descriptor code:** 12

**Automation:** This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

---

EZY1364I  

**Explanation:** The CICS Listener is defined with a GETTID parameter of YES which indicates that the listener is requested to attempt to obtain the connecting client certificates and user IDs from Application Transparent Transport Layer Security (AT-TLS). If status is DISABLED, then AT-TLS is disabled in the TCP/IP stack. Therefore, the listener is unable to obtain client certificates and user IDs as requested by the GETTID parameter. If status is ENABLED, then AT-TLS has been enabled in the TCP/IP stack, making it possible for the listener to obtain client certificates and user IDs.

**mm/dd/yy** is the date (month/day/year) of the message.

**hh:mm:ss** is the time (hours:minutes:seconds) of the message.

**transactionid** is the name of the listeners CICS transaction.

**status** is the status of AT-TLS in the TCP/IP stack. **status** is either DISABLED or ENABLED.

**tcpname** is the name of the TCP/IP stack.

**System action:** The listener continues its normal processing, which includes attempting to obtain client certificates and User IDs.

**Operator response:** Contact the system programmer.

**System programmer response:** No response is needed if status is ENABLED. If status is DISABLED, then verify that the GETTID parameter of YES is correct in the listener definition. If so, request that your AT-TLS administrator investigate why AT-TLS is not enabled in the TCP/IP stack. See Setting up and configuring CICS TCP/IP in z/OS Communications Server: IP CICS Sockets Guide for a description of the GETTID parameter.

See Application Transparent Transport Layer Security (AT-TLS) Data Protection in z/OS Communications Server: IP.
EZY1365E

**Explanation:** The listener identified by the specified transaction ID and task number cannot process inbound connections because the listener’s socket descriptor table is full.

**In the message text:**

- **mm/dd/yy**
  - The date (month/day/year) of the message.
- **hh:mm:ss**
  - The time (hours:minutes:seconds) of the message.
- **transactionid**
  - The name of the listener’s transaction that cannot accept new client connections.
- **taskno**
  - The task number assigned by CICS.
- **port**
  - The port number on which the specified listener is listening.

**Example:**

EZY1365E 01/19/06 10:07:33 LISTENER CSKL 0000079 IS NOT ACCEPTING REQUESTS AT PORT 3010

**System action:** The listener does not accept new connections until the number of socket descriptors currently being processed by the listener is less than the value specified by the lesser of either the system MAXFILEPROC parameter or the listener user ID’s FILEPROCMAX parameter.

**Operator response:** Contact the system programmer.

**User response:** No action needed.

**System programmer response:** Perform any of the following actions as appropriate:

- If the ERRORTD log indicates that the child server transaction failed to take the client's given socket, then investigate the CICS region where the child server transaction runs. See the steps for diagnosing TCP/IP clients that are unable to connect in [z/OS Communications Server: IP Diagnosis Guide](https://www.ibm.com/support/docview.wss?uid=swg21421625) for information about diagnosing child server transactions problems. See [CICS Problem Determination Guide](https://www.ibm.com/support/docview.wss?uid=swg21687025) for information about CICS/TS problems.

- If the listeners NUMSOCK value is greater than or equal to the value specified by the MAXFILEPROC parameter, then perform one of the following actions:
  - Set the NUMSOCK value to be less than the MAXFILEPROC value using either the EZACICD macro or the EZAC configuration transaction and then restart the listener. See the information about configuring a CICS TCP/IP environment in [z/OS Communications Server: IP CICS Sockets Guide](https://www.ibm.com/support/docview.wss?uid=swg21421625) for more information about using the EZACICD macro and the EZAC configuration transaction.
  - Set the MAXFILEPROC value to be greater than the NUMSOCK value using the SETOMVS system command. See the SETOMVS command information in [z/OS MVS System Commands](https://www.ibm.com/support/docview.wss?uid=swg21687025) for information about dynamically changing the MAXFILEPROC option that z/OS UNIX System Services is currently using.

- If the listener user ID FILEPROCMAX value is less than the value specified by the NUMSOCK parameter, set the FILEPROCMAX value to be greater than the value specified by the NUMSOCK parameter. For more information about the FILEPROCMAX specification, see the documentation provided for the SAF product that is in use on your system. If you are using RACF, see the information about the FILEPROCMAX parameter in the [z/OS Security Server RACF Security Administrator’s Guide](https://www.ibm.com/support/docview.wss?uid=swg21687025).

**Problem determination:** See the system programmer response.

**Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

**Module:** EZACIC02
**EZY1366E • EZY1367I**

Routing code: 1
Descriptor code: 2

**Automation:** This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

---

**EZY1366E  mm/dd/yy hh:mm:ss CICS/ SOCKETS LISTENER TRANSACTION tranid IS ALREADY ACTIVE**

**Explanation:** The IP CICS Sockets Listener determined that another listener with the same transaction ID is already active.

*mm/dd/yy* is the date (month/day/year) of the message.

*hh:mm:ss* is the time (hours:minutes:seconds) of the message.

*tranid* is the CICS transaction identifier of the duplicate IP CICS Sockets Listener.

**System action:** The IP CICS Sockets Listener that issued this message ends.

**Operator response:** Contact the system programmer.

**System programmer response:** Change the Listeners CICS transaction identifier or port number to ensure that the definition is unique. See Setting up and configuring CICS TCP/IP in z/OS Communications Server: IP CICS Sockets Guide for more information about configuring the IP CICS Sockets Listener.

**Module:** EZACIC02

**Procedure Name:** Initialization

---

**EZY1367I  mm/dd/yy hh:mm:ss SOCK# IP ADDRESS PORT CHILD**

**Explanation:** The listener was processing client connections when its TCP/IP stack ended. This message is issued when the listener has accepted sockets that were not taken by child server tasks. This message is a header message for the EZY1368I detail messages that follow. This message accompanies an EZY1363I message.

In the message text:

*mm/dd/yy* The date (month/day/year) of the message.

*hh:mm:ss* The time (hours:minutes:seconds) of the message.

**Example:** Following is an example of the messages displayed when the stack has ended while the listener was processing data.

EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:088:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 10245 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:088:10::11:1:2 00901 ORDR

**System action:** Processing continues.

**Operator response:** No action needed.

**User response:** No action needed.

**System programmer response:** No action needed.

**Problem determination:** Not applicable.

**Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

**Module:** EZACIC02

**Routing code:** 10

**Descriptor code:** 12
Automation: This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

EZY1368I  mm/dd/yy hh:mm:ss sock# ipaddr port tran

Explanation: The listener was processing client connections when its TCP/IP stack ended. This message is issued when the listener has accepted sockets that were not taken by child server tasks. One EZY1368I message is issued for each client connection that is being processed.

In the message text:

mm/dd/yy
The date (month/day/year) of the message.

hh:mm:ss
The time (hours:minutes:seconds) of the message.

sock#
The listener’s socket number.

ipaddr
The client’s IP address.

port
The client’s port number.

tran
The child server’s transaction ID. A blank child server transaction ID indicates that the ID has not yet been determined.

Example: Following is an example of the messages displayed when the stack has ended while the listener was processing data.

EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 SOCK# IP ADDRESS PORT CHILD
EZY1368I 01/10/06 12:59:33 2 10.11.1.2 10245 PAYR
EZY1368I 01/10/06 12:59:33 12 2001:DB8:10::11:2:1 21089
EZY1368I 01/10/06 12:59:33 15 10.91.1.1 21212 INVN
EZY1368I 01/10/06 12:59:33 19 10.81.1.1 21212 ACCT
EZY1368I 01/10/06 12:59:33 999 2001:DB8:10::11:1:2 00901 ORDR

System action: Processing continues.

Operator response: No action needed.

User response: No action needed.

System programmer response: No action needed.

Problem determination: Not applicable.

Source: z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module: EZACIC02

Routing code: 10

Descriptor code: 12

Automation: This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

EZY1369E  mm/dd/yy hh:mm:ss LISTENER transactionid taskno IS DELAYED, STACK tcpname IS UNAVAILABLE.

Explanation: The TCP/IP stack assigned to the specified listener is not active.

In the message text:

mm/dd/yy
The date (month/day/year) of the message.
Example: The following is an example of the messages displayed when the stack has ended while the listener was processing data.

EZY1369E 01/10/06 12:59:32 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1363I 01/10/06 12:59:33 LISTENER CSKL 10295 HAD 5 THREADS ACTIVE WHEN STACK TCPCS ENDED
EZY1367I 01/10/06 12:59:33 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1368I 01/10/06 12:59:33 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1368I 01/10/06 12:59:33 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1368I 01/10/06 12:59:33 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1368I 01/10/06 12:59:33 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE
EZY1368I 01/10/06 12:59:33 LISTENER CSKL 10295 IS DELAYED, STACK TCPCS IS UNAVAILABLE

System action: The listener releases any resources and connects to the TCP/IP stack specified by the tcpname value. If the connection fails because the stack is not active, then the listener delays using the time value specified by its RTYTIME configuration option and attempts to reconnect. See the [TYPE=LISTENER information in z/OS Communications Server: IP CICS Sockets Guide](https://www.ibm.com) for information about setting the listener’s RTYTIME value.

Operator response: Start or restart the TCP/IP address space specified by the tcpname value.

User response: No action needed.

System programmer response: No action needed.

Problem determination: Not applicable.

Source: z/OS Communications Server TCP/IP: CICS Socket Interface and API

Module: EZACIC02

Routing code: 1

Descriptor code: 2

Automation: This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

EZY1370I mm/dd/yy hh:mm:ss LISTENER transactionid NUMSOCK numsock IS EQUAL TO OR GREATER THAN MAXFILEPROC maxfileproc

Explanation: A listener startup run-time check determined that the z/OS UNIX System Services MAXFILEPROC value was less than or equal to the listener’s NUMSOCK value. The listener’s accept processing pauses when the number of sockets that are supported by this listener exceeds the MAXFILEPROC value. No new connections are accepted until the number of sockets that are supported by this listener is less than the MAXFILEPROC value.

In the message text:

```
mm/dd/yy
  The date (month/day/year) of the message.

hh:mm:ss
  The time (hours:minutes:seconds) of the message.

transactionid
  The listener’s transaction ID.

numsock
  The number of sockets supported by this listener.
```

Routing code: 1

Descriptor code: 2

Automation: This message is sent to the system console and to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.
**maxfileproc**
The maximum number of descriptors for files, sockets, directories, and any other file-system objects that can be concurrently active or allocated by a single process.

**Example:**
EZY1370I 01/19/06 10:07:33 LISTENER CSKL NUMSOCK 2000 IS EQUAL TO OR GREATER THAN MAXFILEPROC 250

**System action:** Processing continues.

**Operator response:** Contact the system programmer.

**User response:** No action needed.

**System programmer response:** Perform one of the following actions:
- Set the NUMSOCK value to be less than the MAXFILEPROC value using either the EZACICD macro or the EZAC configuration transaction, and then restart the listener. See the information about configuring a CICS TCP/IP environment in z/OS Communications Server: IP CICS Sockets Guide for more information about using the EZACICD macro and the EZAC configuration transaction.
- Set the MAXFILEPROC value to be greater than the NUMSOCK value using the SETOMVS system command. See the SETOMVS command information in z/OS MVS System Commands for information about dynamically changing the MAXFILEPROC option that z/OS UNIX System Services is currently using.

**Problem determination:** Not applicable.

**Source:** z/OS Communications Server TCP/IP: CICS Socket Interface and API

<table>
<thead>
<tr>
<th>Module:</th>
<th>EZACIC02</th>
</tr>
</thead>
<tbody>
<tr>
<td>Routing code:</td>
<td>10</td>
</tr>
<tr>
<td>Descriptor code:</td>
<td>12</td>
</tr>
<tr>
<td>Automation:</td>
<td>This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.</td>
</tr>
</tbody>
</table>

---

**EZY1371E**

**Explanation:** The automatic registration of application data failed for the reason described by the **errno** value.

In the message text:

**mm/dd/yy**
The date (month/day/year) of the message.

**hh:mm:ss**
The time (hours:minutes:seconds) of the message.

**transactionid**
The listener’s transaction ID.

**taskno**
The task number assigned by CICS.

**errno**
**errno** is the UNIX System Services return code. These return codes are listed in the sockets and sockets extended return codes (ERRNOs) in z/OS Communications Server: IP and SNA Codes.

**Example:**
EZY1371E 07/01/06 10:07:33 AUTOMATIC APPLDATA REGISTRATION FAILED FOR TRANSACTION= CSKL TASKNO= 0000022L ERRNO= 55

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**User response:** Not applicable.

**System programmer response:** See the information about automatically registering application data in z/OS.
Communications Server: IP Configuration Reference for information about the socket commands affected by the automatic registration of application data.

errno is the UNIX System Services return code. See the sockets and sockets extended return codes (ERNOs) information in z/OS Communications Server: IP and SNA Codes for the action that you should take based on the SIOCSAPPLDATA IOCTL socket command return code.

Problem determination: See the system programmer response.

Source: z/OS Communications Server TCP/IP: CICS Socket Interface and API
Module: EZACIC01, EZACIC02
Routing code: 10
Descriptor code: 12
Automation: This message is sent to the CICS transient data queue that is specified by the IP CICS Sockets ERRORTD configuration option.

EZY1372W Dataset *.TCPIP.DATA not found
Explanation: The system could not find a *.TCPIP.DATA data set to parse during initialization of the REXX™ socket interface.
System action: The program continues and attempts to use the default information.
Operator response: None.
System programmer response: None.
Module: SOCMVS
Procedure Name: INITFWRN

EZY1373I RXSOCKET - REXX/SOCKETS (a component of 5694-A01):

EZY1374I REXX support for the TCP/IP Socket Interface

EZY1381I Allocating DD=device DSN=data_set_name
Explanation: The indicated device is allocating the specified data set for task-related storage.
System action: Rexx Sockets continues.
Operator response: None.
System programmer response: None.
Module: SOCMVS
Procedure Name: main

EZY1382E task failed; RC=return_code, INFO=dynalloc_info, ERROR=dynalloc_error
Explanation: The indicated task was unsuccessful. The INFO=dynalloc_info, ERROR=dynalloc_error portion of the message only appears when task is ALLOCATE to indicate dynamic allocation.

task is the name of the task that failed.

return_code portion of this message indicates why the task was unsuccessful.

dynalloc_info is the DYNALLOC information reason code. See the z/OS MVS Programming: Authorized Assembler Services Guide for information about information reason codes from DYNALLOC.

dynalloc_error is the DYNALLOC error reason code. See the z/OS MVS Programming: Authorized Assembler Services Guide for information about error reason codes from DYNALLOC.

System action: Rexx Sockets continues.
EZY1383I  Dataset not found

Explanation: A requested data set was not accessible to the host.
System action: Rexx Sockets continues.
Operator response: Notify the system programmer of the problem.
System programmer response: Make sure that the data set is in storage accessible to the host.

Module: SOCMVS
Procedure Name: main

EZY1384E  Return code rc from IRXSUBCM function

Explanation: The specified function failed while trying to get storage.
System action: Rexx Sockets halts.
Operator response: Increase the region size for the application.
System programmer response: None.

Module: SOCMVS
Procedure Name: main

EZY1385E  Unable to acquire LOC=BELOW GETMAIN storage for QSAM DCB and exits

Explanation: The Rexx Sockets failed while trying to get storage.
Operator response: Increase the region size for the application.
System programmer response: None.

Module: SOCMVS
Procedure Name: main

EZY1386E  Return code rc from GETMAIN SVC

Explanation: The Rexx Sockets failed while trying to get storage.
Operator response: Increase the region size for the application.
System programmer response: None.

Module: SOCMVS
Procedure Name: main
EZY1387E  EZY1400I

EZY1387E  Product 5694-A01 (MVS TCP/IP) is not available
Explanation:  The Rexx Sockets failed when trying to access the TCP/IP JES control block.
Operator response:  Contact system programmer.
System programmer response:  Make TCP/IP available to the application.
Module:  SOCMVS
Procedure Name:  main

EZY1388E  Return code xx from IDENTIFY SVC
Explanation:  The Rexx Sockets could not identify the entry point for TCPERROR.
Operator response:  Contact system programmer.
System programmer response:  Verify that Rexx Sockets has been installed correctly.
Module:  SOCMVS
Procedure Name:  main

EZY1389E  Unable to acquire Dynamic Save Area storage
Explanation:  The function GETMAIN, which is used to acquire storage, was unsuccessful. No storage is allocated.
System action:  Rexx Sockets halts.
Operator response:  Increase the region size for the application and retry.
System programmer response:  Assist the user as necessary.
Module:  SOCMVS
Procedure Name:  main

EZY1391E  Unable to initialize Global DSA
Explanation:  The host was unable to initialize the global dynamic storage area (DSA). This can occur due to lack of
storage accessibility to the host.
System action:  RXSOCKET halts. TCPIP continues.
Operator response:  Notify the system programmer of the error.
System programmer response:  Increase the size of the storage region available to the application.
Module:  SOCMVS
Procedure Name:  main

EZY1400I  Unable to establish ESTAE exit; processing continues
Explanation:  Rexx Sockets was unable to establish an Error State Exit.
System action:  Rexx sockets continues.
Operator response:  Notify the system programmer of the error.
System programmer response:  Verify that Rexx Sockets was installed correctly.
Module:  SOCMVS
Procedure Name:  main
EZY1401I  EZY1401I  REXX/ SOCKETS anchor located via IRXSUBCM address
Explanation:  This debug message displays the address of persistent storage used as the anchor.
System action:  REXX sockets continues.
Operator response:  None.
System programmer response:  None.
Module:  SOCAMVS
Procedure Name:  INSTEP4

EZY1410E  Abend abend code detected in REXX/ Sockets at location

EZY1411E  REXX/ Sockets loaded at rexx sockets location; Failing PSW: psw

EZY1412E  register numbers : register values
Explanation:  REXX/Sockets detected an abend. The abend code and the offset within the routine that caused the
abend are displayed, followed by the location of the REXX/Sockets program, the Program Status Word (PSW) at the
time of the abend, and the value of the general purpose registers.
System action:  REXX/Sockets ends and returns control to the application.
Operator response:  Determine the cause of the abend by referring to [z/OS MVS System Codes] manual for an
explanation of the System abend codes. For more information, see the messages that usually follow these messages
and are generated by the TSO/REXX abend handler.
System programmer response:  None.
Module:  SOCAMVS
Procedure Name:  STAEGOOD

EZY1421I  service SERVICE CALL Socket call: socket_call

EZY1422I  Return_value retval hex

EZY1423I  Return_code retcode hex

EZY1424I  Reason_code rsncode hex
Explanation:  These messages show the return information from the z/OS UNIX System Services used to implement
the REXX sockets API when SOCKDEBUG is specified in the TCPIP DATA data set. The BPXxxxx service call is
service and the name of that service is socket_call.
For example: EZY1421I BPx1SOC SERVICE CALL Socket call: socket
These services, and the associated return information, are documented in [z/OS UNIX System Services Programming]
assembler Callable Services Reference.
System action:  REXX/Sockets continues.
Operator response:  None.
System programmer response:  None.
Module:  RXSOCKET
Procedure Name:  TRACER
**EZY1870E** • **EZY1890I**

---

**EZY1870E**  CANNOT LOAD module ROUTINE.

**Explanation:** An attempt to load the indicated module into virtual storage was unsuccessful. Control is returned to the operating system with an error code indicating that a LOAD failure occurred.

**System action:** The task initialization function is terminated.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Check that the identified module resides in a library that is accessible to the MVS platform code. See [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com) for information about required library residence for TCPIP components.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

**EZY1876I**  server STACK FUNCTIONS STARTED WITH PARAMETER profile.

**Explanation:** Informational message displayed every time a TCPIP server or TCPIP is invoked. The profile parameters for each started server are displayed.

**System action:** The system continues invoking TCPIP and required services.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** Mainline code

---

**EZY1877I**  module STACK FUNCTIONS SHUTDOWN IS COMPLETE, RC = rc.

**Explanation:** This message displays on the operator console after shutdown has completed for the load indicated by module. If the function indicated by module terminated normally, then RC = 0. If the function indicated by module terminated abnormally, then RC = 200.

**System action:** The function indicated by module terminates.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

**EZY1889I**  MVP I/O Interrupt from device number CSW=channel status word.

**Explanation:** This message displays if the debug option is used. The MVS platform processed an I/O interrupt on the indicated device. If the device number displayed is 01, the device is a fake device.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcIO

---

**EZY1890I**  MVP CheckUserID for user id, rc = rc, rsn = reason.

**Explanation:** This message displays if the debug option is used. The MVS platform called the SAF interface to check a user ID. This message displays the user ID that was entered and a return and reason code. If the return code is not zero, the user ID is not valid.

**System action:** TCPIP continues.
Operator response: Check and make sure that the syntax of the user ID is correct and that the ID is set up in the MVS system. See your system administrator for help with this message.

System programmer response: Assist the operator as required.
Module: MVPUTIL
Procedure Name: CHECKUID

EZY1891I MVP CCW to start=ccw
Explanation: This message displays if the debug option is used. The MVS platform channel command word (CCW) to be issued is displayed. CCWs have either of two different formats. The two formats do not differ in the information contained in the CCW but only in the arrangement of the fields within the CCW. The formats are designated format 0 and format 1. Format 0 CCWs can be located anywhere in the first 16Mb of main storage. Format 1 CCWs can be located anywhere in main storage.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPEXCP
Procedure Name: SCC1

EZY1892I MVP HaltIO to device device issued.
Explanation: This message displays if the debug option is used. The MVS platform halt I/O routine (MVPEXCPH) was invoked for the indicated device.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPEXCP
Procedure Name: MVPEXCPH

EZY1894I MVP OCM Invoked Operator (or) Start (or) Stop (or) Modify (or) Unknown
Explanation: This message is issued if the debug option is used. Operator indicates that the operator communication routine is invoked. Start, Stop, and Modify specifies which command was requested. Unknown indicates that MVP does not recognize the command received.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPOCM
Procedure Name: MVPOCM1

EZY1895I MVP DEBUG table entry: keyword= ON (or) OFF
Explanation: This message displays when the debug option is used. The indicated command and its switch setting are displayed.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPOCM
**EZY1896I**  **EZY1899I**

**Procedure Name:** Dval

**EZY1896I**  **MVP action Control Register 0 = value.**

**Explanation:** This message displays if the debug option is used. The read control register 0 and the set control register 0 routines are called to update control register 0. These are part of a list of tasks required to disable the reception of virtual machine communication facility (VMCF). For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

*action* is the action the function performed against the value in Control Register 0. The action will be either Read or Set.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOSM

**Procedure Name:** READC0, SETC0

**EZY1897I**  **MVP Received Ext Interrupt Code=ext_code.**

**Explanation:** This message displays if the debug option is used. MVP received the indicated external interrupt code.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcExt

**EZY1898I**  **MVP Setting Ext Interrupt Type=type Value=value**

**Explanation:** This message is displayed if the debug option is used. The PC external interrupt routine was set. The interrupt type and the clock comparator value is displayed. Valid type is external timer at (X'1004').

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPEXTR

**Procedure Name:** MVPEXTR

**EZY1899I**  **MVP Ext Interrupt subclass ext_code is disabled, C0=current control register 0.**

**Explanation:** This message is displayed if the debug option is used. An external interrupt code was disabled and the current control register zero (CR0) is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcExt
EZY1900I MVP Clock Comparator Interrupt overridden by a new one.

**Explanation:** This message displays if the debug option is used. The external interrupt has been replaced by a new interrupt with a later clock comparator value.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPIOINT

**Procedure Name:** ProcExt

EZY1901I MVP Close failed, number I/Os outstanding for address.

**Explanation:** This is displayed if the debug option is used and the devices indicated have failed to close. This could occur as a result of the function FindODB not being able to find the I/O devices to shut down.

**System action:** TCPIP continues.

**Operator response:** Make sure that you have specified the correct physical or channel addresses of the I/O devices that you want to close.

**System programmer response:** Assist the operator as necessary.

**Module:** MVPCLOSE

**Procedure Name:** Mainline code

EZY1902I MVP Close Halt failed, number I/Os for address Halt Rc=code.

**Explanation:** This message is displayed if the debug option is used. This indicates that when an I/O failed to close, the HALT function was called to stop the indicated addresses but the device did not stop processing.

**System action:** The I/O devices will fail to halt processing.

**Operator response:** Stop the indicated devices using normal or abnormal shut down procedures and restart the devices if necessary.

**System programmer response:** Assist the operator if necessary.

**Module:** MVPCLOSE

**Procedure Name:** Mainline code

EZY1903I MVP Task did not close ddname name.

**Explanation:** This message displays if the debug option is used. The ddname indicated was not closed before the TCPIP task ended.

**System action:** TCPIP continues with termination.

**Operator response:** Make sure that the ddname is valid and that it exists in the volume defined to the MVS system. If you require help with this message, contact the IBM Software Support Center.

**System programmer response:** Assist the operator as required.

**Module:** MVPUTIL

**Procedure Name:** DEBCHECK

EZY1904I MVP Application return routine rc to MVPTASK routine.

**Explanation:** This message displays if the debug option is used. MVPTASK was called to process the initial platform attached routine. The routine return code is displayed indicating a return from the task.

**System action:** TCPIP continues.

**Operator response:** None.
**EZY1905I • EZY1910E**

System programmer response:  None.
Module:  MVPTASK
Procedure Name:  MVPTASK

---

**EZY1905I  MVP Diagnose Number DiagCode issued:**

Explanation:  This message displays if the debug option is issued. It indicates the diagnose 7C subfunction code requested. This message should be followed by message EZY1906I, which specifies the registers allocated for this function.

System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  MVPDODG
Procedure Name:  IssueDia

---

**EZY1906I  MVP Registers: Regs1 Regs2 Regs3 Regs4**

Explanation:  This message displays if the debug option is issued. It follows message EZY1905I or message EZY1929I. This message indicates the registers assigned for the functions described in either of the two preceding messages mentioned.

System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  MVPDODG
Procedure Name:  IssueDia

---

**EZY1907E  MVP Diagnose code ignored, not supported yet.**

Explanation:  The module responsible for the initial handling of the Diagnose functions simulated by the MVS platform code received a request specifying a Diagnose function code that was not present in the simulation support. The incorrect Diagnose function code is identified in the message text. Control is returned to the calling module with a condition code of 0 and an error reason code of 0.

System action:  The invocation of MVPDODG is terminated immediately after issuing the message.
Operator response:  Tell the system programmer about the error.
System programmer response:  This error message is caused either by a programming error in the calling module or by corruption of the parameter list passed to the Diagnose simulation supervisor. Gather all available supporting documentation, and contact the IBM Software Support Center.
Module:  MVPDODG
Procedure Name:  Mainline code

---

**EZY1910E  MVP Diag7C subfunction code not supported.**

Explanation:  The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an input parameter representing a Diagnose X7C' subfunction code that was not valid. The message text identifies the incorrect subfunction code. The following subfunction codes are simulated by the MVS platform:

- Initiate (code 1)
- Accept (code 2)
- Present (code 3)
- Terminate (code 4)
- Terminate_All (code 5)
- Status (code 6)
• Break (code 1000)

See the appropriate VM *System Facilities for Programming* publication for information about the LDSF (under the subject area Diagnose X'7C'). The simulation provided by the MVS platform is used in conjunction with Telnet support. The subfunction code 1000 is an MVS-only code used to provide support for a line-mode Break.

**System action:** Control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 1 and an error reason code of 1. The invocation of MVPDG7C is terminated immediately. The Telnet server module subsequently fails the request it was processing at the time of the error.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** This error message is caused either by a programming error in the associated Telnet server module or by corruption of the parameter list passed to the LDSF simulation routine. Gather all available supporting documentation, and contact the IBM Software Support Center.

**Module:** MVPDG7C

**Procedure Name:** Mainline code

---

**EZY1912I MVP Diag7C Initiate-Accept followed by Status not supported.**

**Explanation:** The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an Initiate request with a parameter list specifying that an Initiate-Accept followed by a Status should be performed. This capability is not supported by the simulation facilities present in the MVS platform code.

**System action:** The invocation of MVPDG7C is terminated immediately after issuing the message, and control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 3 and an error reason code of 3. The Telnet server module subsequently fails the Initiate request that it was processing at the time of the error.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Because specification of this processing sequence depends on the value passed in the high-order byte of the second input parameter, a programming error in the calling module is the most probable cause. Corruption of the parameter list passed to the LDSF simulation routine is also a possible cause. Gather all available supporting documentation, and contact the IBM Software Support Center.

**Module:** MVPDG7C

**Procedure Name:** FINIT

---

**EZY1913E MVP Diag7C Initiate Logical Device specification not supported.**

**Explanation:** The module responsible for providing the simulation of the Logical Device Support Facility (LDSF) received an Initiate request with a parameter list specifying that session initiation should be performed for a specific logical device address. This capability is not supported by the simulation facilities present in the MVS platform code.

**System action:** The invocation of MVPDG7C is terminated immediately after issuing the message, and control is returned to the calling Telnet server module (TNLDSFP) with a condition code of 3 and an error reason code of 4. The Telnet server module subsequently fails the Initiate request that it was processing at the time of the error.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Because specification of this processing option depends on the value passed in the high-order byte of the second input parameter, a programming error in the calling module is the most probable cause. Corruption of the parameter list passed to the LDSF simulation routine is also a possible cause. Gather all available supporting documentation, and contact the IBM Software Support Center.

**Module:** MVPDG7C

**Procedure Name:** FINIT

---

**EZY1916I MVP VTAM Request request not supported.**

**Explanation:** This message displays if the debug option is used. The MVS VTAM interface received a request that is not supported. The command is ignored.

**System action:** TCPIP continues.
EZY1917I • EZY1927I

Operator response: Refer this message to the system programmer.
System programmer response: Find what is issuing the request and correct it. Contact the IBM Software Support Center if assistance is required.
Module: MVPVTWK
Procedure Name: MVPVTWK

EZY1917I MVP VTAM Send_Msg ignored, not supported.

Explanation: This message displays if the debug option is used. The MVS VTAM interface received a request for Send_Msg that is not supported. The request is not honored.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPVTWK
Procedure Name: MVPVTWK

EZY1921I MVP VTAM asked to initiate token, not implemented.

Explanation: This message displays if the debug option is used. The MVS VTAM interface received a request to initiate a session. This request is not supported by TCP/IP. The session ID or token requested is displayed.
System action: TCPIP continues. If the token does not already exist, TCPIP sends a terminate request to VTAM for this token.
Operator response: Refer this problem to the system programmer.
System programmer response: Identify what is sending the initiate request from VTAM to TCP/IP and stop it. Contact the IBM Software Support Center for assistance if required.
Module: MVPVTWK
Procedure Name: MVPVTWK

EZY1926I MVP Received LDSF Ext Int: ext_code, Flag=LDSF_byte130 Reason=LDSF_reason.

Explanation: This message displays if the debug option is used. The MVS platform received an LDSF type external interrupt. The interrupt code, flag and reason code are displayed.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPIOINT
Procedure Name: ProcExt

EZY1927I MVP Attach of module failed with return code rc.

Explanation: The module responsible for attaching subtasks running under the MVS platform failed to attach the indicated module as a subtask of the platform. The return code from the ATTACH invocation is identified in the message text.
System action: MVPATT posts the entry control block (ECB), for which MVPCALL is waiting, with a completion code indicating that the ATTACH failed. It then returns to a WAIT state, waiting on its list of ECBs. MVPCALL returns to its caller with a return code indicating that the requested subtask creation was unsuccessful. The calling module subsequently fails the underlying request.
Operator response: Tell the system programmer about the error.
System programmer response: See the applicable MVS Application Development Reference: Services for Assembler.
Language Programs publication for information about the given ATTACH return code. If the error is because of an insufficient region size, make the appropriate adjustments, and restart the task. For return codes indicating logic errors, a programming error in either the MVS platform code or the module to be attached is probable. Gather all available supporting documentation, and contact the IBM Software Support Center. The following are the possible return codes and their descriptions:

<table>
<thead>
<tr>
<th>Return Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Success</td>
</tr>
<tr>
<td>4</td>
<td>Was issued in a specify task abnormal exit (STAE)</td>
</tr>
<tr>
<td>6</td>
<td>No more storage</td>
</tr>
<tr>
<td>12</td>
<td>Invalid exit address or invalid parameter list address</td>
</tr>
</tbody>
</table>

**Module:** MVPATT  
**Procedure Name:** Mainline code

---

**EZY1928I** MVP Attached module successfully.

**Explanation:** The indicated module was attached successfully by the MVS platform.

**System action:** MVPATT posts the ECB, for which MVPCALL is waiting, with a successful completion code indicating that the ATTACH to the module was successful.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPATT  
**Procedure Name:** Mainline code

---

**EZY1929I** MVP Diagnose Number DiagCode returned CondCode code

**Explanation:** This message displays if the debug option is issued. The requested diagnose code and a condition code are displayed. This message will be followed by message EZY1906I, which indicates the registers accessed for this function.

**System action:** TCPIP continues.

**Operator response:** Refer this to the system programmer.

**System programmer response:** Check the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://publib.boulder.ibm.com/infocenter/comserver/v8r1/topic/com.ibm.zos.zosоловip.doc/mnpreffr06.htm) for more information regarding the condition code received, and respond accordingly. Make sure the diagnose code number is valid.

**Module:** MVPDODG  
**Procedure Name:** IssueDia

---

**EZY1935I** MVP Pwd Check failed password?????, rc = rc, rsn = reason.

**Explanation:** This message displays if the debug option is used. The MVS platform called the SAF interface to check the password of a user ID. The password was not valid. Access is denied.

**System action:** TCPIP continues.

**Operator response:** Make sure that you used the correct syntax for the password for the indicated user ID. If you still have problems, it could be that the password is not set up accordingly. Refer this to your system administrator for correction.

**System programmer response:** Assist the operator as required.

**Module:** MVPUTIL  
**Procedure Name:** CHECKPWD
**EZY1936I • EZY1944I**

**EZY1936I**  MVP access req. access to data set name on vol for user id failed, Rc = rc, Rsn = code.

**Explanation:** This message displays if the debug option is used. Access to the requested data set failed. See [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com) for more information about return codes.

**System action:** TCPIP continues.

**Operator response:** Respond as indicated by the return code. Reissue your access request.

**System programmer response:** Assist the user as required.

**Module:** MVPUTIL

**Procedure Name:** DEBUGMSG

---

**EZY1937I**  MVP system subsystem unavailable. system functions will fail.

**Explanation:** During a scan of the Subsystem Communication Vector Table (SSCVT) control blocks, the platform code could not locate the SSCVT associated with the indicated subsystem.

**System action:** The task is terminated, and control is returned to the system with a task completion code of 600. When the error occurs in module MVPVXI (implying a failure during the initialization of the Virtual Machine Communication Facility (VMCF) subsystem itself), subsystem initialization is terminated, and control is returned to the system with a completion code of 4000.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Check that the identified subsystem is created and initialized during system initialization. The subsystems should be defined to MVS using the SYS1.PARMLIB member IEFSSNxx. See [ESA SPL: Initialization and Tuning](https://www.ibm.com) for information about this process. Make corrections to the definitions as necessary. If the definitions are correct, check for previous operator messages that might indicate why the particular subsystem failed to initialize. See the appropriate System Messages book for information about possible error messages from subsystem processing. A programming error is the most probable cause of the problem if subsystem processing error messages occur. If the problem cannot be remedied by modifications to subsystem definitions, gather all available documentation, and contact the IBM Software Support Center.

**Module:** MVPMAIN, MVPXVI

**Procedure Name:** LOCCVT

---

**EZY1940I**  MVP VMCF Function function invoked.

**Explanation:** This message displays if the debug option is used. It indicates the virtual machine communication facility (VMCF) function passed to TCPIP.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOVM

**Procedure Name:** SENDVMCF

---

**EZY1944I**  MVP Help message

**Explanation:** This message indicates that the help facility has been invoked for the “Modify” command. The following list displays the different subcommands accepted for the Modify command:

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WakeVTAM</td>
<td>Posts VTAM Q.</td>
</tr>
<tr>
<td>Dump</td>
<td>Cause program interrupt in MVPOCM, which gets a dump and terminates TCPIP.</td>
</tr>
</tbody>
</table>
StopVTAM  
Queues STOP to VTAM Interface task.

LUact  
Activate or reactivate a logical unit to TCPIP.

LUinact  
Deactivate a logical unit to TCPIP.

LUstat  
Show logical status to TCPIP.

Debug  
Displays all switches and their state.

Debug  
`switch-name` (On, Off, or Display).

Note: The debug command is used to turn switches on or off, or display its attributes.

DfltAppl  
Change Transparent default application name.

LineAppl  
Change default line mode application name.

DmpReset  
Allow another dump to be taken in case of error.

DumpIsaQ  
Print out MVPISAQ areas.

DumpVtbl  
Print out VTAM Application, LU, IP, and mapping tables.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPOCM

Procedure Name: AnyL

EZY1945I  
MVP Maximum number of MODIFY commands queued to SMTP

Explanation: Twenty MODIFY `smtpprocname`,SMSG commands are currently in the simple mail transfer protocol (SMTP) queue. Wait for SMTP to process the current SMSG commands before issuing more MODIFY `smtpprocname`,SMSG commands.

Example: None.

System action: SMTP continues.

Operator response: Attempt to issue the next MODIFY `smtpprocname`,SMSG command at a later time. If SMTP still does not accept MODIFY `smtpprocname`,SMSG commands, contact the system programmer.

User response: Not applicable.

System programmer response: Determine whether SMTP is currently processing a large JES spool file. If it appears that SMTP has stopped, take a dump of the SMTP address space and contact the IBM Service Center with the SMTP job log. See the information about diagnosing SMTP problems in z/OS Communications Server: IP Diagnosis Guide for more information.

Problem determination: See the system programmer response.

Source: z/OS Communications Server TCP/IP: SMTP

Module: MVPOCM

Routing code: Output is returned to the user.

Descriptor code: Output is returned to the user.
EZY1946I  MVP SMSG syntax is not valid.

Explanation: The syntax specified on the MODIFY smtp, SMSG command is not valid. Issue a MODIFY smtp, SMSG, HELP command to see the valid options.

Example: None.

System action: SMTP continues.

Operator response: Correct the error and issue the command again. For a list of valid SMSG commands, issue the MODIFY smtp, SMSG, HELP command.

User response: Not applicable.

System programmer response: Not applicable.

Problem determination: None.

Source: z/OS Communications Server TCP/IP: SMTP

Module: MVPOCM

Routing code: Output is returned to the user.

Descriptor code: Output is returned to the user.

EZY1947I  MVP Invalid command command.

Explanation: The MVS platform received a command that is not valid for an application. See the MODIFY command information in z/OS Communications Server: IP System Administrator’s Commands for a list of valid commands and their descriptions.

System action: The application continues.

Operator response: Reissue your request using a valid command.

System programmer response: Assist the operator if required.

Module: MVPOCM

Procedure Name: AnyL

EZY1948I  MVP Default Application is now name.

Explanation: The new default application name (for either transparent or line mode) is displayed.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPOCM

Procedure Name: AnyL

EZY1950I  MVP IUCV Query: Rc=rc IpRcode=rcode IpAudit=name.

Explanation: This message displays if the debug option is issued. An inter-user communication vehicle (IUCV) function was called. A system return code, IP return code, and IP audit address are displayed in this departing message from an IUCV function.

System action: TCPIP continues.

Operator response: None.

System programmer response: Respond as indicated by the IP return code for help in resolving any errors. A list of IP error codes and system return codes and their descriptions can be found in the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module: MVPDOIUC
Procedure Name: Depart

**EZY1951I** MVP VMCF terminated: Cannot function without TNF.

**Explanation:** During the Virtual Machine Communication Facility (VMCF) address space initialization processing, a scan of the Subsystem Communication Vector Table (SSCVT) control blocks was performed, but the code could not locate the SSCVT associated with the Termination Notification Facility (TNF) subsystem. (The VMCF and TNF subsystems provide simulations of facilities provided by the VM operating system for the MVS platform code.)

**System action:** The VMCF subsystem initialization is terminated and control is returned to the system with a completion code of 5000.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Check that the Termination Notification Facility (TNF) subsystem is created and initialized during system initialization. The subsystem should be defined to MVS using the SYS1.PARMLIB member IEFSSNxx. See [z/OS Communications Server: IP Configuration Reference](#) and [ESA SPL: Initialization and Tuning](#) for information about this process. Make corrections to the definitions, as necessary. If the definitions are believed to be correct, check for previous operator messages that might indicate why the TNF subsystem failed to initialize. See the appropriate *System Messages* book for information about possible error messages from subsystem processing. A programming error is the most probable cause of the problem if subsystem processing error messages occur. If the problem cannot be remedied by modifications to subsystem definitions, gather all available documentation, and contact the IBM Software Support Center.

**Module:** MVPXVI

**Procedure Name:** Mainline code

---

**EZY1952I** MVP SSI: IEFSSREQ Process Sysout failure, rc=rc.

**Explanation:** This message displays if the debug option is used. The subsystem request process failed as indicated by *rc*.

In the message text:

*rc*  the *rc* value, minus a decimal value of 100, is the JES SSI return code.

**System action:** TCPIP continues.

**Operator response:** Refer any problems to the system programmer.

**System programmer response:** This message is used for debugging purposes only. For an explanation of the JES SSI return code, see the return code information for SSI Function Code 1 in the [z/OS MVS Using the Subsystem Interface](#). Refer any questions to the IBM Software Support Center.

**Module:** MVPSSI

**Procedure Name:** MVPSSI1

---

**EZY1953I** MVP SSI: SSOBRETN Process Sysout failure, rc=rc.

**Explanation:** This message displays if the debug option is used. The subsystem interface failed as indicated by *rc*.

In the message text:

*rc*  the *rc* value, minus a decimal value of 1000, is the JES SSOB return code.

**System action:** TCPIP continues.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** This message is used for debugging purposes only. For an explanation of the JES SSOB return code, see the SSOBRETN return codes for SSI Function Code 1 in the [z/OS MVS Using the Subsystem Interface](#). Refer any questions to the IBM Software Support Center.

**Module:** MVPSSI

**Procedure Name:** MVPSSI1
EZY1954I • EZY1957I

EZY1954I MVP SSI: Process Sysout rc=rc, no data sets to select.

Explanation: This message displays if the debug option is used. The subsystem interface request could not complete because no data sets were found to select.

In the message text:
rc is the JES SSOB return code SSSOEODS (no more data sets to select).

System action: TCPIP continues.

Operator response: Make sure that you define a job data set for the subsystem interface to process. Make sure that you follow correct data set naming conventions as described in z/OS Communications Server: IP Configuration Reference.

System programmer response: Assist the operator if required.

Module: MVPSSI
Procedure Name: MVPSSI1

EZY1955I MVP SSI: Process Sysout rc=rc, Job not found.

Explanation: This message displays if the debug option is used. The subsystem interface could not locate a specified job name.

In the message text:
rc is the JES SSOB return code SSSONJOB (job not found).

System action: TCPIP continues.

Operator response: Make sure you define a correct job name to the subsystem interface routine for SMTP.

System programmer response: Assist the operator if required.

Module: MVPSSI
Procedure Name: MVPSSI1

EZY1956I MVP SSI: Selected Job: number # job id.

Explanation: This message displays when the debug option is used. The MVS platform subsystem interface called the routine that gets a job and allocates a data set for SMTP. The indicated job number and ID for the obtained job are displayed.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPSSI
Procedure Name: MVPSSI1

EZY1957I MVP SSI: DYNALLOC Return code(s) rcode(s).

Explanation: This message displays if the debug option is used. The MVS subsystem interface routine was called to dynamically allocate a data set. The indicated return codes are displayed. Any return code other than 0 indicates an error in allocating the data set.

System action: TCPIP continues.

Operator response: Refer any errors to the system programmer.

System programmer response: Data set naming conventions are normally the main cause of errors in the dynamic allocation routine. See z/OS Communications Server: IP Configuration Reference for more information about dynamically allocating data sets.

Module: MVPSSI
Procedure Name: MVPSSI1
EZY1958I  MVP SSI: Allocate Job return *rc job ddname.*

Explanation: This message displays if the debug option is used. The MVS platform subsystem interface was invoked to allocate a call. The job number, ddname, and return code are displayed. If the return code is nonzero, the call is not allocated.

System action: TCPIP continues.

Operator response: See the system programmer if the return code is nonzero.

System programmer response: If the return code is 8, this could indicate that the job number, ddname, or both are not valid. Check the job number or ddname and make sure that they are identified correctly to the subsystem interface. Correct the error and reinitiate the subsystem interface. If you continue to have problems with this message, contact the IBM Software Support Center.

Module: MVPSSI

Procedure Name: MVPSSI2

EZY1959I  MVP SSI: Free Job return *rc job action.*

Explanation: This message displays if the debug option is used. The MVS platform subsystem interface was invoked to free a call. The job number, action requested, and return code are displayed. If the return code is nonzero the call is not freed.

System action: TCPIP continues.

Operator response: See the system programmer if the return code is nonzero.

System programmer response: If the return code is 8, this could indicate that the action requested, job number, or both are not valid. Correct the error and reinitiate the subsystem interface. If you continue to have problems with this message, contact the IBM Software Support Center.

Module: MVPSSI

Procedure Name: MVPSSI3

EZY1960I  MVP SSI: MVPSSIW, state received.

Explanation: This message displays if the debug option is used. The MVS subsystem interface that waits for a JES file was called. The state of the call could be Enable, which specifies to look for a file or Disable, which specifies not to look for a file. If the state indicated is Bad Post, then an error occurred while posting the event control block (ECB).

System action: TCPIP continues.

Operator response: Refer any problems to the system programmer.

System programmer response: If the message indicates a bad post, you will need to gather all source information and any dumps that might be required and contact the IBM Software Support Center for help.

Module: MVPSSIW

Procedure Name: MVPSSIW

EZY1961I  MVP SSI: MVPSSIW, Got Job *job* to handle.

Explanation: This message displays if the debug option is used. The MVS platform subsystem interface got the job indicated and will continue processing.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPSSIW

Procedure Name: MVPSSIW
EZY1962I MVP SSI: MVPSSIW, No Job to handle.

Explanation: This message displays if the debug option is used. The MVP platform subsystem interface was called
to determine if there were any jobs to process, but no jobs were found.

System action: TCPIP continues.

Operator response: Normally, this message does not reflect an error situation, but only indicates that there are no
jobs to process. If errors occurred during subsystem interface processing, messages EZY1952I–EZY1955I might have
been issued to report the error. If there are jobs to process, make sure that you have identified a correct job number
to the subsystem interface. Reinitiate the interface after correcting the problem.

System programmer response: Assist the user as required.

Module: MVPSSIW

Procedure Name: MVPSSIW

---

EZY1963I MVP SSI: Query called jobid Rcode=queryrc. (or) Allocate called jobid alocddn Rcode=allocrc. (or) Free
called jobid action Rcode=frerc.

Explanation: This message displays if the debug option is used. The RDRQUERY, RDRALLOC, or the RDRFREE
function is called to select, allocate, or free a job’s data set for the subsystem interface. A job ID and a return code are
returned for each function. The data set name is displayed when the allocate function is called, and an action
indicating whether the data set has been freed is also displayed.

System action: TCPIP continues.

Operator response: Refer any errors to the system programmer.

System programmer response: See the z/OS Communications Server: IP Sockets Application Programming Interface Guide
and Reference for information about return codes, and respond accordingly.

Module: MVPDOSI

Procedure Name: RDRQUERY, RDRALLOC, RDRFREE

---

EZY1964I MVP SSI: Interrupt called 0 (or) 1 Rcode=rc.

Explanation: This message is issued when the debug option is used. The RDRINT routine was called. This routine
turns on or off the ability for the subsystem interface to accept interrupts from the MVS platform. Any return code
other than 0 indicates a problem with this routine.

System action: TCPIP continues.

Operator response: Refer any errors to the system programmer.

System programmer response: See the z/OS Communications Server: IP Sockets Application Programming Interface Guide
and Reference for information about return codes. Respond to any bad return codes as indicated.

Module: MVPDOSI

Procedure Name: RDRINT

---

EZY1965I MVP SSI: MVPSSIW, wait for file task started|ended.

Explanation: This message displays if the debug option is used. This messages marks the start or the end of the
MVS subsystem interface that waits for a JES file.

System action: Task ends. TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPSSIW

Procedure Name: MVPSSIW
EZY1966I  MVP Racf R15 = rc, SAFPRRET = rc, SAFPRREA = reason.

Explanation: This message displays if the debug option is used. The MVS system called the SAF interface to define a resource profile for a user ID and data set combination. A return code, system return code, and reason code are displayed.

System action: TCPIP continues.

Operator response: Respond as indicated by the return and reason codes. For more information about return codes, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com). For more information about RACF see [z/OS Security Server RACROUTE Macro Reference](https://www.ibm.com). If you need additional help with this message, call the IBM Software Support Center.

System programmer response: Assist the operator as required.

Module: MVPUTIL

Procedure Name: CHECKDSN

---

EZY1967I  MVP RACSTAT Rc=rc.

Explanation: This message displays if the debug option is used. The MVS platform called the SAF interface to check if a security product is active. A return code of 0 indicates that the product is active. A return code other than 0 indicates that the product is not active.

System action: TCPIP continues.

Operator response: If the security product should be active and it is not, refer this to the system programmer.

System programmer response: Start the security product or perform an analysis on the product for information about why the product is not active.

Module: MVPUTIL

Procedure Name: DEBUGMSG

---

EZY1968I  MVPAUTH: Getmain Rc=code

Explanation: This message is displayed if the debug option is used. The function Getmain which gets storage for the allocation of data sets has returned with the indicated return code, specifying that storage is not available. The data set function could not be processed.

System action: TCPIP continues.

Operator response: None.


Module: MVPAUTH

Procedure Name: Internal_Auth_Check

---

EZY1969I  MVPAUTH: Freemain Rc=code

Explanation: This message is displayed if the debug option is used and the indicated data set in message EZY1970I could not be located. Storage might have been freed.

System action: TCPIP continues.

Operator response: None.

System programmer response: Respond as indicated by the return code. For information about MVS return codes affecting the Freemain function, see [z/OS MVS Programming: Authorized Assembler Services Reference EDT-IXG](https://www.ibm.com).

Module: MVPAUTH

Procedure Name: Internal_Auth_Check
EZY1970I  MVPAUTH: DSN=dsname Locate Rc=rcode

Explanation: This message is displayed if the debug option is used and the indicated data set could not be located. If the return code is zero, then the indicated data set has been located.

System action: TCPIP continues.

Operator response: Check the syntax of the data set requested and make sure that it is a valid data set. Reissue your request with the correct data set name.

System programmer response: None.

Module: MVPAUTH

Procedure Name: Internal_Auth_Check

EZY1972I  MVP VMCF Function function: Rc=return code

Explanation: This message displays if the debug option is used. Displayed is the VMCF function called by TCP/IP and the resulting return code.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPDOVM

Procedure Name: SENDVMCF

EZY1973I  MVP IUCV: function invoked.

Explanation: This message displays if the debug option is issued. An inter-user communication vehicle (IUCV) function was called.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPDOIUC

Procedure Name: Welcome

EZY1974I  MVP Issued Command: Rc=rcl R0=r0 "command text".

Explanation: This message displays if the debug option is used. The MVS system received the indicated command. A return code and register 0 data (address space ID) are returned. If the return code is not zero, the command failed for START command.

System action: TCPIP continues.

Operator response: If the return code is not zero, check the syntax of the command issued and make sure it is correct. Make sure that the command is valid for the MVS system. If you continue to experience problems with this message, contact the IBM Software Support Center.

System programmer response: Assist the operator as required.

Module: MVPUTIL

Procedure Name: Do_Command

EZY1975I  Attached task at address address starting.

Explanation: This message displays if the debug option is used. The asynchronous caller routine was called to attach a task. This message indicates that the asynchronous caller routine will attach a task for the routine with entry point of address to run under.
EZY1976I  load module name cannot Stop until started, try later.

Explanation: This message is issued if the debug option is used. The MVS platform received a command to stop the indicated load module, but it has not been started.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPCALI
Procedure Name: MVPCALI

EZY1977I  TaskExist rc task rc for user user id Asid taskasid

Explanation: This message displays if the debug option is used. The routine to check if a task exists is called to check if the requested task is available. The return code, user ID, and address space ID are displayed.

System action: TCPIP continues.
Operator response: None.
System programmer response: See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for any information about error codes, and respond accordingly.
Module: MVPOCM
Procedure Name: MVPOCM1

EZY1978I  MVP Error setting Ext Interrupt STIMER(M) rc=rc

Explanation: This message displays if the debug option is used. The MVS platform received an error setting up an external interrupt or the interrupt type is not valid.

System action: TCPIP continues.
Operator response: None.
System programmer response: The following table shows the possible return codes and their descriptions:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Request completed with problems.</td>
</tr>
<tr>
<td>8</td>
<td>Request could not be performed.</td>
</tr>
<tr>
<td>12</td>
<td>Error detected in an input parameter.</td>
</tr>
<tr>
<td>16</td>
<td>A system error occurred while performing the requested function.</td>
</tr>
<tr>
<td>99</td>
<td>Invalid interrupt type.</td>
</tr>
</tbody>
</table>

Respond to the return code as indicated. Call the IBM Software Support Center for additional help with this error.

Module: MVPEXTR
Procedure Name: MVPEXTR
**EZY1980E • EZY1982E**

**EZY1980E**  
*module terminating due to previous error(s).*

**Explanation:** The initialization of the application indicated by the *module* value failed as a result of unrecoverable errors. This message is issued for one of the following reasons:

- If this message is preceded by message number EZY1870, then the MVPTASK load module could not be loaded.
- If this message is preceded by message number EZY1981, then there was insufficient storage available.
- The VMCF and TNF subsystems are not active.

**System action:** The application ends.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Perform one of the following actions based on the reason for which this message was issued:

- If this message is preceded by message number EZY1870, verify that the MVPTASK load module is located in one of the load libraries accessible to the application.
- If this message is preceded by message number EZY1981, determine why there is insufficient storage for the application and increase storage, if necessary.
- Ensure that VMCF and TNF are active. To start VMCF and TNF as non-restartable subsystems, ensure that entries are defined for them in your IEFSSNxx PARMLIB member. To start VMCF and TNF as restartable subsystems, use the MVS started procedure EZAZSSI. See [Step 3: Configure VMCF and TNF](https://www-03.ibm.com/support/docview.wss?uid=swg21207855) in [z/OS Communications Server: IP Configuration Guide](https://www.ibm.com/support/docview.wss?uid=swg21207855) for more information about starting VMCF and TNF.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

**EZY1981I**  
*task insufficient storage.*

**Explanation:** An attempt to obtain virtual storage in Subpool 73 for I/O completion and attention work areas was unsuccessful.

**System action:** The task is terminated and control is returned to the system with a task completion code of 8xx, with the xx portion reflecting the GETMAIN return code.

**Operator response:** Tell the system programmer about the error.

**System programmer response:** Determine if an increase in the region size of the started task will alleviate the problem. If the region size is not the problem, the most probable cause is a programming error involving a failure to release storage. Gather all available documentation and report the error to the IBM Software Support Center.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

---

**EZY1982E**  
*Terminating: one task is already active.*

**Explanation:** To prevent the initiation of multiple TCPIP address spaces for the same task, the MVS platform code uses the ENQ macro to serialize the use of TCPIP resources. At task initialization, MVPMAIN issues an ENQ macro with a resource name of TCPIPSYS.task_name, requesting exclusive use. The message indicates that the ENQ failed.

**System action:** The task is terminated and control is returned to the system with a task completion code of 9xx, with the xx portion reflecting the ENQ return code.

**Operator response:** If the error was an unintentional attempt to start a TCPIP task that was already active, no actions are required. Otherwise, tell the system programmer about the error.

**System programmer response:** If the error was not because of an unintentional attempt to start a duplicate TCPIP task, examine the task completion code provided when the task was terminated. It will be of the form 9xx, with the xx portion of the code being the ENQ return code. See the appropriate *Application Development Reference: Services for Assembler Language Programs* publication for information about interpreting the return code. Follow the recommended problem resolution procedures indicated by the appropriate *MVS Diagnosis* book.

**Note:** The ENQ was issued with the RET=USE parameter.
If problem determination indicates that the MVS platform is in error, gather all available documentation and report the error to the IBM Software Support Center.

**Module:** MVPMAIN

**Procedure Name:** Mainline code

### EZY1984I  DIAG98: UnLock Page: Virtual=address

**Explanation:** This message displays if the debug option is used. The MVS system called the DIAG98 subroutine to unlock a page in central storage. The virtual address is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** MVPUTIL

### EZY1985I  DIAG98: DoDiag98: Device=address CCWP=virtual channel control word CCWreal=real channel control word

**Explanation:** This message displays if the debug option is issued. The DoDiag98 subroutine of the Diag7C routine was called to perform I/O functions for a device with real channel control words (CCWs) that have been translated to virtual CCWs. The device address, virtual CCWs, and real CCWs are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPDOIO

**Procedure Name:** DoDiag98

### EZY1986I  DIAG98: PgFix: Vaddr=address CC=code

**Explanation:** This message displays if the debug option is used. The DIAG98 subroutine was called to fix a page in the MVS system. The virtual address and completion code are returned.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** PgFix

### EZY1987I  DIAG98: PgFree: Vaddr=address CC=code

**Explanation:** This message displays if the debug option is used. The DIAG98 subroutine was called to free a previously fixed page of storage in the MVS system. The virtual address and completion code are provided.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** PgFree
**EZY1988I • EZY1992I**

**EZY1988I**  DIAG98: UnLock All: FXBaddr=address  FXBnext=address  Vaddr=address

**Explanation:** This message displays if the debug option is used. The MVS platform system called the diagnose 98 subroutine to free a whole chain of virtual address. The current fixed page, next fixed page, and the virtual address are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPUTIL

**Procedure Name:** MVPUTIL

---

**EZY1989I**  MVP Logical Unit name is now active to TCP/IP.

**Explanation:** The displayed logical unit is now active.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1990I**  MVP Logical Unit name is now inactive to TCP/IP.

**Explanation:** This message displays in response to your command to deactivate a logical unit to TCPIP. The LU is now inactive.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1991I**  MVP Logical Unit name is inactive to TCP/IP.

**Explanation:** This message displays in response to a status request. The LU name specified is not active to TCPIP.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY1992I**  MVP Logical Unit name is active to TCP/IP and in use.

**Explanation:** This message displays a response to a status request. The LU name indicated is currently active and in use.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

---
Procedure Name: AnyL

EZY1993I MVP Logical Unit name is active to TCP/IP and not in use.

Explanation: This message displays in response to a status request. The LU name specified is active to TCPIP but currently not in use.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: MVPOCM

Procedure Name: AnyL

EZY1994E MVP Logical Unit name not inactivated – in use to TCP/IP. User must issue LUINACT FORCE, luname to deactivate.

Explanation: This message indicates that the MVS platform received a request to deactivate an LU to TCPIP that failed. The LU remains active.

System action: TCPIP continues.

Operator response: Make sure that the LU is no longer in use and, as the message indicates, you must issue “LUINACT FORCE” followed by the LU name to deactivate it.

System programmer response: Assist the operator as required.

Module: MVPOCM

Procedure Name: AnyL

EZY1995E MVPEXCP: MVPMAIN has Diag98 support but load module does not.

Explanation: This message displays if the debug option is used. The mainline code (MVPMAIN) has support for Diag98, or real channel control words (CCWs), but the PC load module indicated does not. Messages EZY1996E and EZY1997E will follow this message with more information.

System action: TCPIP continues.

Operator response: Refer this message to the system programmer.

System programmer response: Verify that the correct version of the load module is being used. Call the IBM Software Support Center for help if necessary.

Module: MVPEXCP

Procedure Name: MVPEXCP

EZY1996E Continuing using VCCWS (virtual CCWs) option.

Explanation: This message should be preceded by message EZY1995E, which indicates that a conflict exists between the load module and the mainline code (MVPMAIN) regarding support for the Diag98 function. The installation will continue, but it will use virtual channel control words (CCWs) instead of real CCWs.

System action: TCPIP continues.

Operator response: Refer this problem to the system programmer.

System programmer response: See message EZY1995E for help with the message.

Module: MVPDODG

Procedure Name: Query98
EZY1997E  Installation was not done correctly.

Explanation: Your installation was not done correctly. See messages EZY1995E and EZY1996E, which precede this message for more information.

System action: TCPIP continues.

Operator response: Refer this problem to the system programmer.

System programmer response: See previous messages and their descriptions.

Module: MVPDODG

Procedure Name: QAmode, Query98

EZY1998E  DIAG98: MVPMAIN does not support real CCWs but load module name does.

Explanation: The mainline code (MVPMAIN) does not have support for Diag98, or real channel control words (CCWs), although the load module indicated does. Messages EZY1996E and EZY1997E should follow this message.

System action: TCPIP continues.

Operator response: Refer this problem to the system programmer.

System programmer response: Check the mainline code (MVPMAIN) and make sure that it is running the code with support for Diag98 as defined in this source module (MVPDODG). Contact the IBM Software Support Center if you need more help with this message.

Module: MVPDODG

Procedure Name: Query98

EZY1999E  QAmode: MVPMAIN and load module name are not at the same level.

Explanation: This message displays if the MVPMAIN code, which functions as a mainline entry for the MVS platform, does not have the same level of code for QAMODE support as the load module displayed. This message precedes message EZY1997E, which indicates that your installation was not done correctly.

System action: TCPIP continues.

Operator response: Refer this problem to the system programmer.

System programmer response: Check the mainline code (MVPMAIN) and make sure that it is running the code with support for QAMODE as defined in this source module (MVPDODG). Contact the IBM Software Support Center if you need more help with this error.

Module: MVPDODG

Procedure Name: QAmode
Chapter 3. **EZY2xxx messages**

**EZY2000I**  OCM General Default Application not configured for Transparent Mode.

**Explanation:** This indicates that the request to change the default application could not be honored because the new application is not configured for Transparent mode.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY2001I**  OCM General Default Application not configured for Line mode.

**Explanation:** This indicates that the request to change the general default application could not be honored because the new application is not configured for line mode.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** AnyL

---

**EZY2016I**  MVP Diag7C LocAppl: Unknown function request function for ApplName application

**Explanation:** The `locate application` subroutine of the Diagnose 7C routine has returned with an unknown function request for the indicated application. The `LocAppl` subroutine checks the application request against the application table, declared in the MVPAPPL source code data set and defined in your `hlq.PROFILE.TCPIP` data set, to determine if the function request is allowed for the specified application.

**System action:** TCPIP continues. The specified request is not processed.

**Operator response:** Refer this problem to the system programmer.

**System programmer response:** The function flags that are passed for these applications are either restricted (1) or disconnectable (2). Make sure that the function specified for the requested application is defined in your `hlq.PROFILE.TCPIP` data set. Reissue your request specifying a valid function for the application requested.

**Module:** MVPDG7D

**Procedure Name:** LocAppl

---

**EZY2032W**  LU name lu name specified in the command command does not match defined LU name or LU group name.

**Explanation:** The LU name or LU group entered in the command was not found in the LU status tables.

**System action:** The command is not performed. TCPIP continues.

**Operator response:** Correct the LU name and resubmit the command.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** ANYL
EZY2034W  LU specified in command is already inactivated.
Explanation: The LU name specified for the LUINACT command was already inactivated.
System action: The command is not performed. TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPOCM
Procedure Name: ANYL

EZY2035W  Modify command command Incomplete. It is ignored.
Explanation: The required keyword was not specified.
System action: The command is not performed. TCPIP continues.
Operator response: See z/OS Communications Server: IP Configuration Reference for more information about the MODIFY command.
System programmer response: None.
Module: MVPOCM
Procedure Name: ANYL

EZY2036I  Modify command DEBUG debug state is accepted.
Explanation: A change to the DEBUG flag has been changed to the specified value. The new debug option setting is now in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPOCM
Procedure Name: ANYL

EZY2037W  Invalid modify command. DEBUG debug state is ignored.
Explanation: An incorrect DEBUG option has been specified as part of the MODIFY command. The Telnet server ignored the DEBUG request. The debug option is not changed.
System action: TCPIP continues.
Operator response: Check the DEBUG option specified, correct, and resubmit the MODIFY command.
System programmer response: Assist the operator as required.
Module: MVPOCM
Procedure Name: ANYL

EZY2038I  Modify command LU specified matches LUGROUP lu. Accepted.
Explanation: The modify command was accepted because the specified LU was found in the LU group table.
System action: The command is performed. TCPIP continues.
Operator response: None.
System programmer response: None.
Module: MVPOCM
Procedure Name: ANYL
EZY2039W  LU specified lu is already activated. Ignored.
Explanation: The LU name specified with the LUACT parameter was already activated.
System action: The command is not performed. TCPIP continues.
Operator response: Check the specified LU and if incorrect, correct and reissue the MODIFY command.
System programmer response: Assist operator as required.
Module: MVPOCM
Procedure Name: ANYL

EZY2040I  SMSG: VMCF is not active on the system.
Explanation: The message indicates that the program attempted to set up a communication session using the Virtual
Machine Communication Facility (VMCF). The system was unable to locate or save the address space of the VMCF
communication vector table. The program failed to initialize the client interface to VMCF.
System action: The communication does not occur because VMCF address space could not be established. The
program requires the address space to continue. The program sets a return code of 16, indicating a system error to
the calling program, and terminates execution. The VMCF address display command is not issued.
Operator response: Tell the system programmer about the error.
System programmer response: Make sure that the communication vector table and VMCF are active.
Module: MVPXDISP, MVPXSMSG
Procedure Name: Mainline code

EZY2041I  SMSG: Userid not specified.
Explanation: TCPIP received an SMSG command for the VMCF interface. You did not specify the user program,
address space, or batch job to receive the SMSG.
System action: TCPIP continues.
Operator response: Reissue the SMSG command specifying a user program, address space, or batch job. For more
information about SMSG see thez/OS Communications Server: IP Sockets Application Programming Interface Guide and
Reference or z/OS Communications Server: IP Configuration Reference
System programmer response: Assist the operator as required.
Module: MVPXSMSG
Procedure Name: MVPXSMSG

EZY2042I  SMSG: Userid specified incorrectly.
Explanation: The MVS platform received an SMSG command for the VMCF interface. You specified a user program,
address space, or batch job that was too long.
System action: TCPIP continues. The SMSG command is not honored.
Operator response: Reissue the SMSG command specifying a user program, address space, or batch job of the
correct length. For more information about SMSG see thez/OS Communications Server: IP Sockets Application
Programming Interface Guide and Reference or z/OS Communications Server: IP User’s Guide and Commands or z/OS
Communications Server: IP Configuration Reference
System programmer response: Assist the operator as required.
Module: MVPXSMSG
Procedure Name: MVPXSMSG
EZY2043I  SMSG: No message specified.

Explanation: TCPIP received an SMSG command with no message specified. The SMSG command is used to send a special message (SMSG) to a user program, address space, or batch job. The message text is required.

System action: TCPIP continues. The SMSG command is not honored.

Operator response: Reissue the SMSG command specifying the text of the SMSG to be sent. If this message occurred as a result of issuing SMSG TRACE on TSO from where the FTP server resides, then you should issue "SMSG FTPSERVE TRACE". For more information about SMSG, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference. If you need more help with this message, contact the IBM Software Support Center.

System programmer response: Assist the operator as required.

Module: MVPXMSG
Procedure Name: MVPXMSG

EZY2045I  SMSG: user not logged on.

Explanation: TCPIP received an SMSG command for a user that is not logged on.

System action: TCPIP continues. The SMSG command is not honored.

Operator response: Check and make sure the target is active and reissue the SMSG command. For more information about the SMSG command, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

System programmer response: Assist the operator as required.

Module: MVPXMSG
Procedure Name: MVPXMSG

EZY2046I  SMSG: user not receiving; SMSG off.

Explanation: TCPIP received an SMSG command for a user. The user is not receiving because the SMSG interface is not set on.

System action: TCPIP continues. The SMSG interface is off.

Operator response: Use the SETSMSG command to set the SMSG interface on for the target user. For more information see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

System programmer response: Assist the operator as required.

Module: MVPXMSG
Procedure Name: MVPXMSG

EZY2047I  SMSG: VMCF return code rc, SMSG failed.

Explanation: TCPIP received a bad return code from the VMCF function related to a special message (SMSG) request. The special message (SMSG) command is not performed.

System action: TCPIP continues.

Operator response: When TCP/IP establishes a session with VMCF, it does not enable the SMSG interface. If your program accepts SMSG commands, you must enable the reception of SMSGs before using the services provided by the application program. The SETSMSG command is used to enable and disable the reception of SMSGs. For more information about the SMSG and SETSMSG commands for VMCF applications, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference or z/OS Communications Server: IP Configuration Reference.

System programmer response: Assist the operator as required.

Module: MVPXMSG
Procedure Name: MVPXMSG
EZY2048I  SMSG:  user quiesced; SMSG ignored.
Explanation:  The SMSG command sent to the indicated user is ignored because the user or program is not active.
System action:  TCPIP continues.
Operator response:  Make sure that the user or program is active and reissue the SMSG command. Contact your system administrator for help if required.
System programmer response:  Assist the operator as required.
Module:  MVPXSMSG
Procedure Name:  MVPXSMSG

EZY2049I  SETSMSG:  Bug in SETSMSG command, invalid code in VMCF call.
Explanation:  The SETSMSG command cannot be honored. The code in the VMCF call is not valid.
System action:  TCPIP continues. The SETSMSG command is not honored.
Operator response:  Refer this problem to the system programmer.
System programmer response:  Contact the IBM Software Support Center for assistance with this message.
Module:  MVPXSMSG
Procedure Name:  MVPXSMSG

EZY2050I  SETSMSG:  Specify On or Off.
Explanation:  The SETSMSG command was received but you did not specify “ON” or “OFF”.
System action:  TCPIP continues. The SETSMSG command is not honored.
Operator response:  Reissue the SETSMSG followed with “ON” or “OFF”. For more information about the SETSMSG command, see z/OS Communications Server: IP User’s Guide and Commands.
System programmer response:  Assist the operator as required.
Module:  MVPXSMSG
Procedure Name:  MVPXSMSG

EZY2051I  SETSMSG:  You are not authorized to set user’s flag.
Explanation:  The SETSMSG command was received for the indicated user or program. This message indicates that you are not authorized to issue this command for the user or program. To be honored, the SETSMSG command must be issued by the affected user or program.
System action:  TCPIP continues. The SETSMSG command is not honored.
Operator response:  Contact the user or owner of the program to have them issue the SETSMSG command.
System programmer response:  Assist the user as required.
Module:  MVPXSMSG
Procedure Name:  MVPXSMSG

EZY2053I  MVPXDISP:  User userID Asid addrspaceid.
Explanation:  This message is the first in a set of messages displaying information about a specific user ID. The user ID userID indicates the client ID, and the Address Space Identifier (asid) for that client is displayed.
System action:  The system continues with message EZY2054I, displaying user information for this ID.
Operator response:  None.
System programmer response:  None.
Module:  MVPXDISP
**EZY2054I • EZY2057I**

**Procedure Name:** Mainline code

**EZY2054I** MVPXDISP: Data @ user address Sm=system mask Cr0=control register 0 Flags=flags.

**Explanation:** This message displays in response to the MVPXDISP command after message EZY2053I. The user data information is displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

**EZY2055I** MVPXDISP: Client of interface.

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2054I. This message can display up to four times, once for each possible interface. The following list displays the four possible interfaces that can display:

- VMCF address space
- SMGS
- VMCF
- IUCV

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

**EZY2056I** MVPXDISP: IUCV mask=mask, Pending Ctl=control, Appl=application.

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2055I. Information about the IUCV application is displayed. The information displayed includes enable, control pending interrupts, and application pending interrupts masks for the client.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

**EZY2057I** MVPXDISP: VMCF: Buf=address, Len=length, Flgs=flags user=user Key=auth key.

**Explanation:** This message displays in response to the MVPXDISP command. The user data is displayed. Included are the user external interrupt buffer address and length, user flags, and user authority.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP
**EZY2058I** MVPXDISP: IUCV: Connections=number, Max=number.

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2059I. The number of IUCV connections and the maximum number of IUCV connections allocated for the client are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2059I** MVPXDISP: VMCF: Pending count=number Flags=flags.

**Explanation:** This message displays in response to the MVPXDISP command and follows message EZY2057I. The number of VMCF pending connections and the VMCF flags are displayed.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXDISP

**Procedure Name:** MVPXDISP

---

**EZY2060I** MVPISAQ : name1 name2 Header at address

**Explanation:** This message displays when the debug option is used. The header name and address are displayed for an initial storage area (ISA) queue header. This message displays with messages EZY2061I — EZY2063I.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** PRISAQ

---

**EZY2061I** MVPISAQ : Subpool number 1st Getmain count count

**Explanation:** This message displays when the debug option is used. The subpool number and the total number of storage areas allocated by GETMAIN are displayed. This message displays with messages EZY2060I, EZY2062I, and EZY2063I.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPOCM

**Procedure Name:** PRISAQ

---

**EZY2062I** MVPISAQ : 2nd Getmain count count

**Explanation:** This message displays when the debug option is used. The count of overflow ISA areas allocated is displayed. This message displays with messages EZY2060I, EZY2061I, and EZY2063I.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.
EZY2063I • EZY2066I

Module: MVPOCM
Procedure Name: PRISAQ

EZY2063I  MVPISAQ : Frame size size Max asked max size(max size)

Explanation: This message displays when the debug option is used. The default frame size and the largest storage area allocated are displayed in decimal and hexadecimal form. This message displays with messages EZY2060I — EZY2062I.

System action: TCP/IP continues.
Operator response: None.
System programmer response: None.

Module: MVPOCM
Procedure Name: PRISAQ

EZY2064I  MVPXDISP: User name not found.

Explanation: This message displays in response to the MVPXDISP command. The user indicated could not be found by this utility.

System action: TCP/IP continues.
Operator response: None.
System programmer response: None.

Module: MVPXDISP
Procedure Name: MVPXDISP

EZY2065I  MVPXDISP: IUCV: Ctl flags=flags Appl flags=flags.

Explanation: This message displays in response to the MVPXDISP command and follows message EZY2058I. The IUCV control flags and the IUCV application flags are displayed.

System action: TCP/IP continues.
Operator response: None.
System programmer response: None.

Module: MVPXDISP
Procedure Name: MVPXDISP

EZY2066I  MVPXDISP: Index=asid, Sm=system mask, Cr0=data, Flags=flags, User=user.

Explanation: This message displays in response to the MVPXDISP command. VTAM user information is displayed, including the address space ID, system mask, control register 0 data, flags, and user name.

System action: TCP/IP continues.
Operator response: None.
System programmer response: None.

Module: MVPXDISP
Procedure Name: MVPXDISP
**EZY2080I** MVPMAIN: Storage could not be obtained for TCP/IP address CVT, Name=pc load module name, Rcode=rc

**Explanation:** This message indicates that there is not enough common storage available for the TCPIP communication vector table (CVT) control block. This will not directly impact TCPIP functions. Some cleanup might not be performed when TCPIP is stopped.

**System action:** TCPIP continues.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Investigate why below the line, CSA storage is not available. Restart TCPIP when more common storage becomes available. For more help contact the IBM Software Support Center.

**Module:** MVPMAIN

**Procedure Name:** mainline

---

**EZY2081I** MVPMAIN: Anchor control block could not be found for TCP/IP address space CVT

**Explanation:** The TCPIP address space CVT could not be located because the control block containing its address could not be found.

**System action:** TCPIP continues.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Look for abend in GETMAIN during TNF subsystem initialization. Correct that problem then restart TCPIP after you IPL the MVS system. For more help contact the IBM Software Support Center.

**Module:** MVPMAIN

**Procedure Name:** mainline

---

**EZY2090I** DUMPING VTAMinfo tables, Table number = table

**Explanation:** Information notifying you that TCPIP is about to display the indicated VTAM tables. The following are the application tables used by VTAM:

<table>
<thead>
<tr>
<th>Table Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>All application tables</td>
</tr>
<tr>
<td>1</td>
<td>Telnet application table</td>
</tr>
<tr>
<td>2</td>
<td>VTAM log mode information table</td>
</tr>
<tr>
<td>3</td>
<td>LU group table</td>
</tr>
<tr>
<td>4</td>
<td>IP group table</td>
</tr>
<tr>
<td>5</td>
<td>IP to LU map table</td>
</tr>
<tr>
<td>6</td>
<td>Default application table</td>
</tr>
<tr>
<td>7</td>
<td>Application table</td>
</tr>
<tr>
<td>8</td>
<td>LU status table (for all LUs)</td>
</tr>
</tbody>
</table>

**System action:** The program continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2091I** __

**Explanation:** Message separator.

**System action:** The program continues.

**Operator response:** None.
EZY2092I  •  EZY2096I

System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2092I  TELNET id=applid
Explanation: Information notifying you that TCPIP is about to display the Telnet application table used by VTAM.
System action: The program continues.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2093I  Mode Table
Explanation: Information notifying you that TCPIP is about to display the mode table used by VTAM.
System action: The program continues.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2094I  Mt Ptr=table, ElemCount=counter
Explanation: Information specifying the allocated storage, pointed to in the table value, for the VTAM Telnet mode table. The counter value specifies the number of entries in the mode table.
System action: The program continues and displays each entry in the table, as specified in message EZY1095I.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2095I  Mt Elem=counter, ModeName=name, Flag=flag, Model=model, Class=class, DeviceType=type
Explanation: Information for specific VTAM Telnet mode table entries. All table entries including number, the mode name, table name, and any flags are displayed.
System action: The program continues and displays each entry in the table.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2096I  LU Group Table
Explanation: Information notifying you that TCPIP is about to display the logical unit group (LUGROUPS) table used by VTAM. This table contains an entry for each group defined with the LUGROUP statement. Each entry contains the group name, and a set of LU names that belong to the group.
System action: The program continues, and displays the VTAM LU names groups definition table.
EZY2097I  Lg Ptr=table, ElemCount=counter, Size=bytes

Explanation: Information specifying the allocated storage, pointed to in the table value, for the VTAM logical unit group (LUGROUPS) table. The counter value specifies the number of elements in the mode table. The bytes value specifies the size of the entries in the mode table.

System action: The program continues and displays each entry in the table, as specified in message EZY2098I.

Operator response: None.

System programmer response: None.

Module: MVPBLVT

Procedure Name: Mainline code

EZY2098I  Lg Elem=element, GrpName=groupID, AlocCnt=count, UsedCnt=count

Explanation: Information about a specific element in the VTAM logical unit group (LUGROUPS) table. The element value specifies the element number of the LU group table. The groupID value specifies the element number of the LU group table. The count values specifies the dynamic storage allocated and the storage used up by the LU group table.

System action: The program continues and displays each element in the LU group table.

Operator response: None.

System programmer response: None.

Module: MVPBLVT

Procedure Name: Mainline code

EZY2099I  Lg Mem=LUmember, MemberName=LUname

Explanation: Information about a specific VTAM logical unit group (LUGROUPS) table. The LUmember value specifies the member of the LU group table. The LUname specifies the name for the member of the LU group table.

System action: The system continues, and displays all present members of the LU group table.

Operator response: None.

System programmer response: None.

Module: MVPBLVT

Procedure Name: Mainline code

EZY2100I  IP Group Table

Explanation: Information notifying you that TCPIP is about to display the Internet Protocol (IP) group table used by VTAM. This table contains an entry for each IP address and Subnet addresses defined with the IPGROUP statement. Each entry contains either an IP address or a subnet address/mask pair and the group name the address belongs to.

System action: The program continues.

Operator response: None.

System programmer response: None.

Module: MVPBLVT

Procedure Name: Mainline code
**EZY2101I • EZY2104I**

---

**EZY2101I**  
** Ig Ptr=** table, ** ElemCount=** counter, ** Size=** bytes, ** SubnetIndex=** index

**Explanation:** Information specifying the allocated storage, pointed to in the table value, for a new VTAM internet protocol group (IPGROUP) table. The counter value specifies the number of elements in the IP group table. The bytes value specifies the size of the entries in the IP group table. The index value specifies the start of IP subnets in the IP group table.

**System action:** The program continues and displays each entry in the IP group table, as specified in messages EZY2102I, EZY2103I, and EZY2104I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2102I**  
** Ig Elem=** counter, ** GrpName=** name,

**Explanation:** Information indicating the IP group name where the VTAM table entries reside.

**System action:** The system continues and displays message EZY2103I with additional information related to this message.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2103I**  
** Ig MemberAddr=** network, subnet, host, local, ** IsSubnet=** flag

**Explanation:** The IP address information for a specific member of the IP group table entries is displayed. The flag indicates if the subnet mask address is either ON, in use, or OFF, not used. If the subnet mask address is used it will be displayed in message EZY2104I following this message.

**System action:** The system continues displaying message EZY2104I if the subnet address is in use. Otherwise, the system continues displaying IP group member addresses.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2104I**  
** Ig Ip SubnetMask=** network, subnet, host, local

**Explanation:** This message appears only if the subnet mask is in use. The IP address information for the subnet mask of a IP group table member is displayed. The subnet mask address is in dotted-decimal notation. It is used as a mask, or a filter for the member address with which it is associated. The Subnet allows specification of IP address ranges and all the hosts on a sub-network. The Subnet is specified with a Subnet address and Subnet mask. The Subnet address is ANDeD with the Subnet mask to remove any insignificant bits and stored as an IP address. The Subnet mask must be ANDeD with the Telnet IP address and compared with the above Subnet address to determine if the IP address belongs to the subnet. The mask is stored after the Subnet address as an IP address.

**System action:** The system continues displaying IP group member addresses.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code
**EZY2105I  IP to LU Map Table**

**Explanation:** Information notifying you that TCPIP is about to display the map internet protocol (IP) address groups to VTAM logical unit (LU) names table. This table contains an entry for each mapping defined with the LUMAP statement. Each entry contains either an IP address or an IP group name that is mapped to a VTAM LU name or an LU group name.

**System action:** The program continues and displays the information.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2106I  Mp Ptrltable, ElemCount=counter, Size=bytes, AddrIndex=index**

**Explanation:** Information specifying the allocated storage, pointed to in the `table` value, for a new VTAM internet protocol group (IP) to logical unit (LU) map table. The `counter` value specifies the number of elements in the IP to LU map table. The `bytes` value specifies the size of the IP to LU map table. The `index` value specifies the index to address a new part in the IP to LU map table.

**System action:** The program continues and displays each entry in the IP to LU map table, as specified in messages EZY2107I, EZY2108I, and EZY2109I.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2107I  MpElem=counter, LU id=id, IsGroup=groupflag, IsHost=hostflag**

**Explanation:** Information for specific LU ID of the IP to LU map table. The table element number, and the LU identification number, `id`, are displayed. The elements can be a VTAM LU name or an LU group name. The `groupflag` is a flag used to identify if this LU element is a VTAM LU name or an LU group name. The `hostflag` is a flag used to identify if this LU element has a host IP address or a group name.

**System action:** The system continues displaying message EZY2108I if the this element is a host, or the system displays message EZY2109I to display the IP group name.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code

---

**EZY2108I  Mp Ip Address=network, subnet, host, local**

**Explanation:** This information is only displayed if the LU element is a host. The IP address information for a specific host of the IP to LU map table entries is displayed.

**System action:** The system continues displaying the IP to LU map table elements.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPBLVT

**Procedure Name:** Mainline code
EZY2109I • EZY2112I

EZY2109I  Mp Ip GroupName =name
Explanation: This information is only displayed if the LU element is an IP group name. The group name of the IP to LU map element is displayed.
System action: The system continues displaying the IP to LU map table elements.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2110I  Default Application Table
Explanation: Information notifying you that TCP/IP is about to display the default application (appl) table used by VTAM.
This table contains an entry for each mapping defined with the DEFAULTAPPPL or the LINEMODEAPPPL statement. Each entry contains either an IP address, an IP group name, or a linkname that is mapped to an application name. This application becomes the default application when the Telnet user has not specified one.
The order of the search is IP address, IP group name, and finally the Linkname. There is also a special match-all entry that is used as the default if Telnet session has no default application explicitly defined.
System action: The system continues displaying the default application table.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2111I  Da Ptr=table, ElemCount=counter, Size=bytes, AddrIndex=index
Explanation: Information specifying the allocated storage, pointed to in the table value, for a new VTAM default application (appl) table. The counter value specifies the number of elements in the default appl table. The bytes value specifies the size of the default appl table. The index value specifies the default appl table index to the IP addresses part.
System action: The program continues and displays each entry in the default appl table, as specified in messages EZY2112I, EZY2113I, and EZY2114I.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2112I  Da Elem=counter, ApplName=name, LogMode=mode, IsHost=hostflag
Explanation: Information for specific entries of the default application (appl) table. The table element number, the VTAM appl name, as specified in VTAMLST, and the logon mode, are displayed. The logon mode mode can be either line or transparent mode. The hostflag variable is a flag used to identify if this default element has a host IP address.
System action: The system continues displaying message EZY2113I if this default entry has the IsHost variable set to ON. The true condition identifies this element as being a host, any other condition and the system displays the destination name in message EZY2109I.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2113I  Da Ip Address=network.subnet.host.local

Explanation: This information is only displayed if the default element is a host. The IP address information for a specific host of the default table entries is displayed.

System action: The system continues displaying the default table elements.

Operator response: None.

System programmer response: None.

Module: MVPBLVT

Procedure Name: Mainline code

EZY2114I  Da Ip GroupName =name

Explanation: This information is only displayed if the default element is either an IP group name or a linkname. The group name of the default element is displayed.

System action: The system continues displaying the default table elements.

Operator response: None.

System programmer response: None.

Module: MVPBLVT

Procedure Name: Mainline code

EZY2115I  Application Table

Explanation: Information notifying you that TCPIP is about to display the application (appl) table used by VTAM. This table contains the applications which are permitted access through Telnet as specified by the RESTRICTAPPL or the ALLOWAPPL statement. The application entries contain an optional RestrictUsers table identifying the RESTRICTed applications, or an AllowLuNames set identifying the ALLOWed applications.

System action: The system continues displaying the application table.

Operator response: None.

System programmer response: None.

Module: MVPBLVT

Procedure Name: Mainline code

EZY2116I  Ap Ptr=table, ElemCount=counter, Size=bytes

Explanation: Information specifying the allocated storage, pointed to in the table value, for a new VTAM application (appl) table. The counter value specifies the number of elements in the application table. The bytes value specifies the size of the appl table.

System action: The program continues and displays each entry in the appl table, as specified in the following messages:

  • EZY2117I
  • EZY2118I
  • EZY2119I
  • EZY2120I
  • EZY2121I
  • EZY2122I

Operator response: None.

System programmer response: None.
EZY2117I  •  EZY2120I

Module:  MVPBLVT
Procedure Name:  Mainline code

EZY2117I  Ap Elem=counter, ApplName=name, ApplMask=X’mask’

Explanation:  Information for specific entry of the application (appl) table. The table element number, the VTAM appl name, as specified in VTAMLST, and the appl comparison mask mask, are displayed. The appl mask can be used for logical comparisons to validate characters in the appl name and user IDs specified on the RESTRICTAPPL and the ALLOWAPPL statements.

System action:  The system continues displaying message EZY2118I.
Operator response:  None.
System programmer response:  None.

Module:  MVPBLVT
Procedure Name:  Mainline code

EZY2118I  Ap AlocCnt=count, UsedCnt=count, Discon=Discflag, Restrict=Rstrflag

Explanation:  Information about a specific element in the VTAM application (appl) table. The count values specifies the dynamic storage allocated and the storage used up by the appl table. The Discflag allows an application to be disconnected by a user leaving the VTAM session active. The Rstrflag identifies this application as a restricted appl if it is set to the ON flag.

System action:  The program continues and displays each element in the appl table. If the Rstrflag is set ON, then the program continues and displays the restricted applications in messages EZY2119I, EZY2120I, and EZY2121I.
Operator response:  None.
System programmer response:  None.

Module:  MVPBLVT
Procedure Name:  Mainline code

EZY2119I  Ap Elem=counter, UserName=id, UserMask=X’mask’

Explanation:  This information is only displayed if the Rstrflag is set to ON, in message EZY2118I, specifying a restricted table member. This information is for specific restricted users of the application (appl) table. The table element number, the user name ID, as specified in RESTRICTAPPL statement, and the user comparison mask mask, are displayed. The user ID mask can be used for logical comparisons to validate characters in the user IDs specified on the RESTRICTAPPL statements.

System action:  The system continues displaying message EZY2120I and EZY2121I.
Operator response:  None.
System programmer response:  None.

Module:  MVPBLVT
Procedure Name:  Mainline code

EZY2120I  Ap AlocCnt=count, UsedCnt=count,

Explanation:  This information is only displayed if the Rstrflag is set to ON, in message EZY2118I, specifying a restricted table member. This information is about a specific element in the VTAM application (appl) table. The count values specifies the dynamic storage allocated and the storage used up by the appl table.

System action:  The program continues and displays each element in the appl table, and continues to message EZY2121I.
Operator response:  None.
System programmer response:  None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2121I Ap Elem=counter, RestrictLuName=name
Explanation: This information is only displayed if the Rstrflag is set to ON, in message EZY2118I, specifying a restricted table member. This information is about a specific element in the VTAM application (appl) table. The counter values specifies the appl table entry. The name specifies the restricted user LU name for that entry in the appl table.
System action: The program continues and displays each restricted user LU names in the appl table.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2122I Ap Elem=counter, AllowLuName=name
Explanation: This information is about a specific element in the VTAM application (appl) table. The counter value specifies the appl table entry. The name specifies the allowed user logical unit (LU) name for that entry in the appl table. This table contains the applications which are permitted access through Telnet as specified by the ALLOWAPPL statement.
System action: The program continues and displays each allowed user LU names in the appl table.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2130I LU Status Table
Explanation: Information notifying you that TCPIP is about to display the logical unit (LU) status table used by VTAM. The table is used to keep track of the status of VTAM LU names as they are used in Telnet connections.
System action: The system continues and displays messages EZY2131I, and EZY2132I.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code

EZY2131I Ls Ptr=number, AlocCnt=count, UsedCnt=count
Explanation: Information specifying the allocated and used logical units pointed to in the logical unit (LU) status table used by VTAM.
System action: The system continues and displays message EZY2132I.
Operator response: None.
System programmer response: None.
Module: MVPBLVT
Procedure Name: Mainline code
**EZY2132I • EZY2143I**

**EZY2132I**  
_Ls Elem_= number, _Name_= luname, _Flags_ = Ls_Default flag  

**Explanation:** Displays specific information about the entries in the logical unit (LU) status table. The LU element numbers _number_, names _luname_, and any optional flags _flgs_ are displayed.  

**System action:** The system continues.  

**Operator response:** None.  

**System programmer response:** None.  

**Module:** MVPBLVT  

**Procedure Name:** Mainline code

---

**EZY2133E**  
VTAM UssTable _table name_ can not be loaded.  

**Explanation:** This message displays if the debug option is used. The VTAM unformatted systems service table indicated could not be loaded.  

**System action:** TCPIP continues.  

**Operator response:** Refer this message to the system programmer.  

**System programmer response:** Make sure that the table name exists and that the program has access to it. Call the IBM Software Support Center for more help if necessary.  

**Module:** MVPDG7D  

**Procedure Name:** MVPDG7DD

---

**EZY2134I**  
STOP COMMAND IGNORED tcpipprocname ALREADY BEING STOPPED  

**Explanation:** This message indicates that a subsequent stop command (P TCPIP) was received while TCPIP was processing a previous stop command. The subsequent stop command is ignored and TCPIP ends.  

**System action:** TCPIP ends.  

**Operator response:** None.  

**System programmer response:** None.  

**Module:** MVPOCM  

**Procedure Name:** MVPOCMI

---

**EZY2142I**  
Hung VMCF Interrupt scheduled for ASID  

**Explanation:** This message indicates that TCPIP has encountered a VMCF interrupt pending and the interrupt processing for the client is not running.  

**System action:** TCPIP continues. The VMCF interface is hung.  

**Operator response:** Refer this message to the system programmer.  

**System programmer response:** Reinitiate the VMCF interface and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.  

**Module:** MVPXVI  

**Procedure Name:** MVPXVI

---

**EZY2143I**  
Hung IUCV_A Interrupt scheduled for ASID  

**Explanation:** This message indicates that TCPIP has encountered a IUCV_A interrupt pending and the interrupt processing for the client is not running.  

**System action:** TCPIP continues. The IUCV application is hung.  

**Operator response:** Refer this message to the system programmer.
**EZY2144I**  •  **EZY2371I**

**System programmer response:** Restart the IUCV application and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

**Module:** MVPXVI

**Procedure Name:** MVPXVI

---

**EZY2144I**  Hung IUCV_C interrupt scheduled for ASID

**Explanation:** This message indicates that TCPIP has encountered a IUCV_C interrupt pending and the interrupt processing for the client is not running.

**System action:** TCPIP continues. The IUCV interface is hung.

**Operator response:** Refer this message to the system programmer.

**System programmer response:** Reinitiate the IUCV interface and reissue the interrupt if required. If the problem continues, contact the IBM Software Support Center.

**Module:** MVPXVI

**Procedure Name:** MVPXVI

---

**EZY2145I**  VMCF cleanup for USERID id in ASID

**Explanation:** This message indicates that VMCF is running cleanup for the indicated user ID.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MVPXVI

**Procedure Name:** MVPXVI

---

**EZY2370I**  ssock_max number

**Explanation:** This message displays the maximum number of simultaneous sockets available for use. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** getdtablesize

---

**EZY2371I**  Initialized echo server

**Explanation:** The echo server is initialized and ready to process incoming UDP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the echo server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com) for information about the echo server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init_socket

---
**EZY2372I**  
Initialized TCP echo server

**Explanation:** The echo server is initialized and ready to process incoming TCP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the echo server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com) for more information about the echo server.

**System programmer response:** None.

**Module:** MISCERV

**Procedure Name:** init_TCPsocket

---

**EZY2373I**  
Initialized discard server

**Explanation:** The discard server is initialized and ready to process incoming UDP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the discard server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com) for more information about the discard server.

**System programmer response:** None.

**Module:** MISCERV

**Procedure Name:** init_socket

---

**EZY2374I**  
Initialized TCP discard server

**Explanation:** The discard server is initialized and ready to process incoming TCP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the discard server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com) for more information about the discard server.

**System programmer response:** None.

**Module:** MISCERV

**Procedure Name:** init_TCPsocket

---

**EZY2375I**  
Initialized character generator server

**Explanation:** The character generator server is initialized and ready to process incoming UDP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the character generator server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com) for more information about the character generator server.

**System programmer response:** None.

**Module:** MISCERV

**Procedure Name:** init_socket

---

**EZY2376I**  
Initialized TCP character generator server

**Explanation:** The character generator server is initialized and ready to process incoming TCP requests.

**System action:** The application continues normal processing.

**Operator response:** To remove informational messages, start the character generator server without any trace options. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com) for more information about the character generator server.
options. See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information about the character generator server.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** init_TCPsocket

---

**EZY2380I** before selectex: readmask

**Explanation:** This message displays the contents of the readmask used by the function selectex to determine if a socket is prepared to read data. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2381I** exiting

**Explanation:** This message is displayed to indicate that the miscellaneous server is closing all sockets and exiting the application.

**System action:** The miscellaneous server halts.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2385I** after selectex: readmask

**Explanation:** This message displays the value of the readmask used by the function selectex to determine if a socket is ready to read data.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main

---

**EZY2386I** socket *number* port *number* is *condition*

**Explanation:** This message indicates that data has been received over the indicated socket. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MISCSRV

**Procedure Name:** main
**EZY2387I • EZY2392I**

**EZY2387I** before cextpost

**EZY2388I** ended interrupt handler: rc value

Explanation: The interrupt handler is being closed. The rc portion of this message indicates whether the closing is successful. This message is displayed when the debug trace option is specified.

System action: The interrupt handler halts. The application continues.

Operator response: None.

System programmer response: None.

Module: MISCSRV

Procedure Name: cextpost

**EZY2389I** UDP echo protocol

Explanation: A UDP echo request is being processed. The server echoes the data received. This message is displayed when the debug trace option is specified.

System action: The application continues.

Operator response: None.

System programmer response: None.

Module: MISCSRV

Procedure Name: doecho

**EZY2390I** Echo server: socket number address name

Explanation: This message displays the socket value and the address family (in dotted decimal notation) for the echo server. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com/support/docview.ws/docview?uid=swg21385642) for more information about AF_INET or AF_IUCV.

System action: The application continues.

Operator response: None.

System programmer response: None.

Module: MISCSRV

Procedure Name: doecho

**EZY2391I** UDP discard protocol

Explanation: The UDP discard protocol is initialized. The UDP discard protocol will discard the data received by the MISCRSV.

System action: The application continues.

Operator response: None.

System programmer response: None.

Module: MISCSRV

Procedure Name: dodisc

**EZY2392I** Discard server: socket number address name

Explanation: This message displays the socket value and address (in dotted decimal notation) for the discard server.

System action: The application continues.

Operator response: None.
EZY2393I  UDP character generator

Explanation: The UDP character generator is initialized. This will cause random data to return for each datagram that is received. This message is displayed when the debug trace option is specified. See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information about the character generator.

System action: The application continues.
Operator response: None.
System programmer response: None.
Module: MISCSRV
Procedure Name: dodisc

EZY2394I  Character server: socket number address name

Explanation: This message displays the socket number and address (in dotted decimal notation) for the character server.

System action: The application continues.
Operator response: None.
System programmer response: None.
Module: MISCSRV
Procedure Name: dochargen

EZY2395I  link name name family name home address name

Explanation: This message states the link name, family and home address of all the system adapter interfaces.

System action: The application continues.
Operator response: None.
System programmer response: None.
Module: MISCSRV
Procedure Name: getifconf

EZY2396I  name socket number port number

Explanation: The link name, socket number, and well-known port number are displayed.

System action: The application continues.
Operator response: None.
System programmer response: None.
Module: MISCSRV
Procedure Name: init_socket
**EZY2397I • EZY2403I**

**EZY2397I  socket number port number**

**Explanation:** The socket number and well-known server port number are displayed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MICSrv

**Procedure Name:** init_TCPsocket

---

**EZY2398I  socket number af number**

**Explanation:** The socket number and address family number, which indicates an AF_IUCV connection, are displayed for the SMSG socket.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MICSrv

**Procedure Name:** SMSGsocket

---

**EZY2399I  TCP echo protocol**

**Explanation:** A TCP echo request is being processed. The server echoes the data received. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MICSrv

**Procedure Name:** doTCPecho

---

**EZY2401I  TCP Discard protocol**

**Explanation:** A TCP discard request is being processed. The server discards the data received. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MICSrv

**Procedure Name:** doTCPdisc

---

**EZY2403I  TCP Character Generator protocol**

**Explanation:** A TCP character generator request is being processed. The character generator server creates random data in response to data received. This message is displayed when the debug trace option is specified.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** MICSrv
Procedure Name: doTCPchargen

EZY2405I  Display SMSG

Explanation: An SMSG command is being processed. Shutdown and trace commands are the only supported SMSG commands for the miscellaneous servers. See the z/OS Communications Server: IP Configuration Guide and the z/OS Communications Server: IP User’s Guide and Commands for more information about the SMSG command. This message is displayed when the debug trace option is specified.

System action: The application continues.

Operator response: None.

System programmer response: None.

Module: MISCRRV

Procedure Name: dispSMSG

EZY2406I  Received message:

Explanation: This message header is followed by information pertaining to the status of the SMSG message requested.

System action: The application continues.

Operator response: None.

System programmer response: None.

Module: MISCRRV

Procedure Name: dispSMSG

EZY2414I  shutting down

Explanation: The MISCRRV server is closing due to user or operator request. The server closes all connections and halts. See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information about the SHUTDOWN function.

System action: The application halts.

Operator response: None.

System programmer response: None.

Module: MISCRRV

Procedure Name: dispSMSG

EZY2416I  Unknown command: name

Explanation: The MISCRRV server received a command that it does not recognize. The command is ignored.

System action: The application continues.

Operator response: Reissue the command using the SHUTDOWN command or TRACE command. See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information about the SHUTDOWN or TRACE commands.

System programmer response: Assist the user if necessary.

Module: MISCRRV

Procedure Name: dispSMSG
EZY2418I  closed STREAM Socket: number rc: number

Explanation: The miscellaneous server closes the socket specified in the message.
System action: The application continues.
Operator response: None.
System programmer response: None.
Module: MISCSRV
Procedure Name: closesock

EZY2419E  error for select (tcperror)

Explanation: The select function was unsuccessful.
(tcperror) is the number of the message where you can find more detailed information about this error.
System action: The application attempts to continue.
Operator response: Notify the system programmer of the error.
System programmer response: Respond as indicated in the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information about select().
Module: MISCSRV
Procedure Name: selectex

EZY2420E  selectex (tcperror)

Explanation: The selectex function was unsuccessful.
(tcperror) is the number of the message where you can find more detailed information about this error.
System action: The application attempts to continue.
Operator response: Notify the system programmer of the error.
System programmer response: Respond as indicated in the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information.
Module: MISCSRV
Procedure Name: selectex

EZY2421E  recvfrom() (tcperror)

Explanation: The recvfrom function found no data while in nonblocking mode.
(tcperror) is the number of the message where you can find more detailed information about this error.
System action: The application continues.
Operator response: Notify the system programmer of the error.
System programmer response: Respond as indicated in the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information about the (tcperror) portion of this message.
Module: MISCSRV
Procedure Name: doecho

EZY2422E  sendto() (tcperror)

Explanation: The buffer space that is used to hold the data to be transmitted is inadequate, or no data was found in the buffer space. If the socket is in nonblocking mode a return code EWOULDBLOCK is set.
(tcperror) is the number of the message where you can find more detailed information about this error.
System action: The application continues.

Operator response: Notify the system programmer of the error.

System programmer response: Respond as indicated in (tcperror). See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information on the sendto() function.

Module: MISCSRV

Procedure Name: doecho

---

EZY2424E create_TCP_port::socket (tcperror)

Explanation: An error occurred when trying to create a socket connection.

(tcperror) is the number of the message where you can find more detailed information about this error.

System action: The MISCSRV halts. The application continues.

Operator response: Notify the system programmer of the error.

System programmer response: Respond as indicated in (tcperror). See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information on the sendto() function.

Module: getifconf

Procedure Name: init_TCPsocket

---

EZY2425E create_UDPC_port::socket (tcperror)

Explanation: The function create_UDPC_port, which is used to open a UDP connection, was unsuccessful.

(tcperror) is the number of the message where you can find more detailed information about this error.

System action: The UDP application MISCSRV halts.

Operator response: Notify the system programmer of the error.

System programmer response: Respond as indicated in (tcperror). For more information on the error condition see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module: MISCSRV

Procedure Name: init_socket

---

EZY2426E create_TCP_port::bind (tcperror)

Explanation: The bind() call encountered an error when trying the bind an address to the socket.

(tcperror) is the number of the message where you can find more detailed information about this error.

System action: The application continues.

Operator response: Notify the system programmer of the error.


Module: MISCSRV

Procedure Name: init_TCPsocket

---

EZY2427E create_UDPC_port::bind (tcperror)

Explanation: The bind() function encountered an error when trying the bind a UDP port.

(tcperror) is the number of the message where you can find more detailed information about this error.

System action: The application continues.

Operator response: Notify the system programmer of the error.

System programmer response: Respond as indicated in (tcperror). For more information about the bind() function
and addition error values see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

Module: MISCSRV  
Procedure Name: init_socket

---

**EZY2428E  create_TCP_port::listen (tcperror)**

**Explanation:** The listen function, which is used to create a TCP connection to listen for data, encountered an error.  
(tcperror) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (tcperror). For more information about the listen function and additional error values see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

Module: MISCSRV  
Procedure Name: init_TCPsocket

---

**EZY2429E  create_IUCV_port::socket (tcperror)**

**Explanation:** An error occurred when creating an IUCV_port and socket connection.  
(tcperror) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (tcperror). For more information on the error condition see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

Module: MISCSRV  
Procedure Name: init_SMSSocket

---

**EZY2430E  cannot connect smsg socket (tcperror)**

**Explanation:** An error was detected when trying to initiate a socket connection to the server. No connection is established.  
(tcperror) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in (tcperror). A description of the connect() function and error codes for the function can be found in the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

Module: MISCSRV  
Procedure Name: init_SMSSocket

---

**EZY2431E  Accept() (tcperror)**

**Explanation:** The accept() call, which is used to establish a connection to a client, failed to respond to a connection request.  
(tcperror) is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.
**System programmer response:** Respond as indicated in *(tcperror).* A description of the accept() call and the error conditions generated from this call can be found in the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** doTCPecho

---

**EZY2432E recv() (tcperror)**

**Explanation:** The recv() function, which is used to receive data from a socket and store it in a buffer, was unsuccessful.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The MISCSRV halts. The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror).* For more information about the recv() call and the error conditions for this call, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** doTCPecho

---

**EZY2433E error reading smsg_socket (tcperror)**

**Explanation:** The buffer space used to store data read from the smsg_socket cannot accommodate the data. The following errors can occur as a result of the failure: EBADF—The socket is not a valid socket descriptor. EFAULT—Exceeded storage for the caller address space. EWOULDBLOCK—The socket is in nonblocking mode and data is not available to read.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror).* For more information see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

**Module:** MISCSRV

**Procedure Name:** dispSMSG

---

**EZY2434E create_UDPC_port: ioctl (get interface conf.) (tcperror)**

**Explanation:** The ioctl function, which is used to get the network configuration, encountered an error. For more information about the ioctl function, see the *z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference*.

*(tcperror)* is the number of the message where you can find more detailed information about this error.

**System action:** The MISCSRV server halts. The application continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated in *(tcperror).*

**Module:** MISCSRV

**Procedure Name:** getifconf
EZY2435I  Echo server: socket number buf value
Explanation:  This message displays the server type, socket number, and contents of the buffer that holding data to be transmitted.
System action:  The application continues.
Operator response:  None.
System programmer response:  None.
Module:  MISCSRV
Procedure Name:  doecho

EZY2436I  Discard server: socket number buf value
Explanation:  This message displays the server type, socket number, and contents of the buffer holding received data.
System action:  The application continues.
Operator response:  None.
System programmer response:  None.
Module:  MISCSRV
Procedure Name:  dodisc

EZY2437I  Character server: socket number buf value
Explanation:  This message displays the server type, socket number, and the data stored in the buffer.
System action:  The application continues.
Operator response:  None.
System programmer response:  None.
Module:  MISCSRV
Procedure Name:  dochagen

EZY2438I  Invalid Trace option name
Explanation:  The trace option requested is not valid. The following are valid trace options:
(NO)ECHO  Returns the data for UDP and TCP sessions exactly as it is received.
(NO)DISC  The data is discarded when sent to the MISCSRV.
(NO)CHARGEN
  Random data is displayed regardless of the data it receives.
System action:  The application continues.
Operator response:  Reenter the trace option with a valid request.
System programmer response:  Assist the user as necessary.
Module:  MISCSRV
Procedure Name:  dispSMSG

EZY2439I  Currently not tracing anything.
Explanation:  The trace option is not enabled.
System action:  The application continues.
Operator response:  None.
System programmer response:  None.
Module: MISCSRV
Procedure Name: dispSMSG

EZY2440I Currently tracing: name
Explanation: This informational message displays the current level of tracing.
System action: The application continues processing.
Operator response: None.
System programmer response: None.

Module: MISCSRV
Procedure Name: dispSMSG

EZY2441I Trace option not defined
Explanation: The application does not support the trace option.
System action: The application continues.
Operator response: None.
System programmer response: None.

Module: MISCSRV
Procedure Name: main

EZY2442I Invalid initialization parameter: name
Explanation: The parameter you have entered is not valid.
System action: The application continues.
Operator response: Restart the miscellaneous server with a valid parameter. See the z/OS Communications Server: IP User's Guide and Commands for more information about correct parameters.
System programmer response: Assist the user as necessary.

Module: MISCSRV
Procedure Name: main

EZY2443I fnctl failed: (tcperror)
Explanation: The fnctl() call failed to initialize the socket descriptor into nonblocking mode.
(tcperror) is the number of the message where you can find more detailed information about this error.
System action: Initialization of the MISCSRV server halts. The application continues.
Operator response: Notify the system programmer of the error.
System programmer response: Respond as indicated in (tcperror). See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information about the fnctl() call and the error conditions that can occur when using this call.

Module: MISCSRV
Procedure Name: init_TCPsocket

EZY2632E parameter value must be either TRUE or FALSE.
Explanation: While processing the FTP.DATA file, a parameter in the file was encountered which required a value of either TRUE or FALSE. The actual value specified was something other than TRUE or FALSE. parameter is the name of the parameter in error.
EZY2633E  •  EZY2635E

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for parameter. See the **z/OS Communications Server: IP Configuration Reference** for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2633E**  parameter value missing - must be either TRUE or FALSE.

**Explanation:** While processing the FTP.DATA file, a parameter in the file was encountered which required a value of either TRUE or FALSE, but which had no value specified. Parameter is the name of the parameter in error.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the **z/OS Communications Server: IP Configuration Reference** for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2634E**  parameter value value not numeric.

**Explanation:** While processing either the FTP.DATA file or processing the start options from the FTP server start procedure, a parameter was encountered which required a numeric value, but which had a non-numeric value specified. parameter is the name of the parameter in error. value is the value which was found in the FTPDATA file or on the start options for the parameter. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

**System action:** The parameter in error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server procedure start options continues with the next start option.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

**System programmer response:** Correct the FTP.DATA file or the FTP server procedure to contain the correct value for the specified parameter. See the **z/OS Communications Server: IP Configuration Reference** for information on the parameters of the FTP.DATA file and FTP server start options.

**Module:** EZAFTPEP

---

**EZY2635E**  Integer overflow number for parameter

**Explanation:** While processing either the FTP.DATA file or the FTP server procedure start options, a parameter was encountered which required a numeric value, but the value which was specified was larger than the largest valid 4 byte integer value. parameter is the name of the parameter in error. number is the value which was found in the FTP.DATA file or FTP server procedure start options for the parameter. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

**System action:** The parameter in error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server start option continues with the next start option.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

**System programmer response:** Correct the FTP.DATA file or FTP server start procedure to contain the correct value for the specified parameter. See the **z/OS Communications Server: IP Configuration Reference** for information on the parameters of the FTP.DATA file and FTP server start options.

**Module:** EZAFTPEP
EZY2636E  *parameter value not specified.*

**Explanation:** While processing the FTPDATA file, a parameter in the file was encountered which required a value, but no value was specified. *parameter* is the name of the parameter in error.

**System action:** The line containing the error is ignored. Processing of the FTPDATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTPDATA file corrected.

**System programmer response:** Correct the FTPDATA file to contain the correct value for the specified parameter. See the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTPDATA file.

**Tip:** If the configuration input is from a UNIX file (see the preceding EZYFT46E message), this might be caused by trailing blanks in the configuration statement. Edit the file to remove those blanks or add a comment to the end of the statement.

**Module:** EZAFTPEP

---

EZY2638I  *Using FTP configuration defaults.*

**Explanation:** The FTP server was unable to locate/open any external FTPDATA files. The internal defaults for all FTPDATA file parameters are being used. See the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTPDATA file.

**System action:** The configurable parameters of the FTP server are set to the server provided default values.

**Operator response:** None.

**System programmer response:** If values other than the ones provided by the server are desired, create an FTPDATA file with the desired parameter values. See the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTPDATA file. If an FTPDATA file already exists, the Syslog daemon log file should contain additional FTP Server error messages indicating why the existing FTPDATA file was not used.

**Module:** EZAFTPEP

---

EZY2640I  *Using name for local site configuration parameters.*

**Explanation:** This message indicates which FTPDATA file is being used for the configurable server parameters. *name* will either be "DD:SYSFTPD", indicating that the SYSFTP DD statement was used for the FTPDATA file, or it will be the actual name of the file being used. See the *z/OS Communications Server: IP Configuration Reference* for information about the FTPDATA file search order.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPEP

---

EZY2642E  *Unknown keyword: parameter*

**Explanation:** While processing the FTPDATA file, the FTP server encountered a parameter which it did not recognize.

**System action:** The line containing the error is ignored. Processing of the FTPDATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTPDATA file corrected.

**System programmer response:** Check the line in error for spelling or typographical errors. If the parameter is incorrect, correct the parameter as necessary. See the *z/OS Communications Server: IP Configuration Reference* for information on the parameters of the FTPDATA file.

**Module:** EZAFTPEP
EZY2643E parameter value longer than number characters.

Explanation: While processing the FTP.DATA file, a parameter in the file was encountered which required a character string no longer than the specified number of characters. However, the value that was specified was longer than the maximum allowed length. parameter is the parameter in error. number is the maximum allowed length of the parameter value.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response: Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPEP

EZY2644E parameter value number out of range. Value must be between low and high.

Explanation: While processing either the FTP.DATA file or processing the start options from the FTP server start procedure, a parameter was encountered which required a numeric value which was within a specified range. The actual value specified was outside of the allowable range of values for the parameter being processed. parameter is the parameter in error. number is the actual value that was specified. low is the minimum acceptable value, high is the maximum allowable value. This message will be preceded by either message EZYFT46E or EZY2655E indicating whether the error was in the start procedure or in the FTP.DATA file.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file. Processing of the FTP server procedure start parameters continues with the next start parameter.

Operator response: Contact the System programmer with the error message to have the FTP.DATA file or FTP server start procedure corrected.

System programmer response: Correct the FTP.DATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPEP

EZY2645E CONDDISP value must be either CATLG or DELETE.

Explanation: While processing the FTP.DATA file, the server encountered the CONDDISP parameter with a parameter value that was not CATLG or DELETE. The only valid values for the CONDDISP parameter are CATLG or DELETE.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response: Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPEP

EZY2648E FILETYPE value must be either SEQ, JES, or SQL.

Explanation: While processing the FTP.DATA file, the FTP server encountered the FILETYPE parameter, but the value specified for the FILETYPE parameter was not SEQ, JES, or SQL.

System action: The line containing the FILETYPE parameter is ignored. Processing continues with the next line in the file.

Operator response: Contact the system programmer with the error message.

System programmer response: Correct the value of the FILETYPE parameter in the FTP.DATA file to be either SEQ, JES, or SQL. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPEP
EZY2651E  UNITNAME parameter unit: invalid unit type.
Explanation: While processing the FTP.DTA file, the FTP server encountered the UNITNAME parameter, but the value specified for the UNITNAME parameter was not a valid DASD or TAPE unit as defined by the host MVS system.
System action: The line containing the UNITNAME parameter is ignored. Processing continues with the next line in the file.
Operator response: Contact the system programmer with the error message.
System programmer response: Correct the value of the UNITNAME parameter in the FTP.DTA file to be a valid DASD or TAPE unit. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DTA file.
Module: EZAFTPEP

EZY2655E  Error in start parameters.
Explanation: While processing the start options specified in the FTP server start procedure, the FTP Server encountered an error.
System action: The parameter in error is ignored. Processing of the FTP server start options continues with the next start option.
Operator response: This message should be followed by another message which describes the error. Contact the System programmer with both messages to have the FTP server start procedure corrected.
System programmer response: This message should be followed by another message which describes the error. Correct the error described by the second message.
Module: EZAFTPEP

EZY2657W  Host name unknown; gethostname() error: error
Explanation: The gethostname() socket call did not complete successfully.
System action: Processing continues. The hostname will not be known to the server.
Operator response: Correct the error indicated by the error.
System programmer response: Correct the error indicated by the error
Module: EZAFTPDM

EZY2658W  domain name unknown; gethostbyname() error.
Explanation: The gethostbyname() socket call did not complete successfully.
System action: Processing continues. The host domain will not be known to the server.
Operator response: Contact the system programmer.
System programmer response: Ensure that the host name is accessible via a name server, or defined in HOSTS.SITEINFO and HOSTS.ADDRINFO. See the z/OS Communications Server: IP Configuration Reference for information on domain name systems or HOSTS.SITEINFO and HOSTS.ADDRINFO data sets.
Module: EZAFTPDM

EZY2659E  RECFM value must be one of: E, FA, FB, FBA, FBM, FBS, FBSA, FBSM, FM, FS, FSA, FSM, V, VA, VB, VBA, VBM, VBS, VBSA, VBSM, VM, VS, VSA, VSM, U, UA, or UM.
Explanation: While processing the FTP.DTA file, the FTP server encountered the RECFM parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.
System action: The line containing the RECFM parameter is ignored. Processing continues with the next line in the file.
Operator response: Contact the system programmer with the error message.
System programmer response: Correct the value of the RECFM parameter in the FTP.DATA file to be a valid record format. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPEP

EZY2669E  SPACETYPE value must be either BLOCK, TRACK, or CYLINDER.

Explanation: While processing the FTP.DATA file, the FTP server encountered the SPACETYPE parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action: The line containing the SPACETYPE parameter is ignored. Processing continues with the next line in the file.

Operator response: Contact the system programmer with the error message.

System programmer response: Correct the value of the SPACETYPE parameter in the FTP.DATA file to be a valid space type. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPEP

EZY2670E  SQLCOL value must be either NAMES, LABELS, or ANY.

Explanation: While processing the FTP.DATA file, the FTP server encountered the SQLCOL parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action: The line containing the SQLCOL parameter is ignored. Processing continues with the next line in the file.

Operator response: Contact the system programmer with the error message.

System programmer response: Correct the value of the SQLCOL parameter in the FTP.DATA file to be a valid column heading. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPEP

EZY2671I  General tracing is already active.

Explanation: A MODIFY command with the TRACE option has been issued while tracing of FTP's general activity is currently active. General tracing continues.

System action: FTP continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPHD

EZY2672E  read_ftpdata invalid keycode encountered: key_code

Explanation: While processing the FTP.DATA file, an internal error occurred. key_code is an internal code describing the error.

System action: An assertion failure occurs to provide additional information about the error.

Operator response: Contact the system programmer with the error message and the assertion failure output.

System programmer response: Contact the IBM Software Support Center with the error and the assertion failure output.

Module: EZAFTPEP
EZY2673E  Error reading FTP configuration file: error_description

Explanation:  While reading the records in the FTP.DATA set, the read of one of the records failed.
error_description describes the error.

System action:  Processing of the FTP.DATA file is terminated.
Operator response:  Correct the problem with the FTP.DATA file.
System programmer response:  Correct the problem with the FTP.DATA file.
Module:  EZAFTPEP

EZY2674E  LRECL number is invalid for RECFM recfm.

Explanation:  After processing the FTP.DATA file, the server cross checked the new values of the RECFM and LRECL variables and found them to be set to a combination that is invalid for the MVS operating system.

System action:  The LRECL value is changed to the nearest value which is compatible with the record format. This message should be followed by EZY2675I, indicating the new value of the LRECL.
Operator response:  If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl and record format values put into the FTP.DATA file.
System programmer response:  Update the FTP.DATA file with the corrected values for RECFM or LRECL. See the [z/OS Communications Server: IP Configuration Reference] for information on the parameters of the FTP.DATA file.
Module:  EZAFTPEP

EZY2675I  LRECL being reset to number

Explanation:  After processing the FTP.DATA file, the server cross checked the new values of the RECFM and LRECL parameters and found them to be set to a combination that is invalid for the MVS operating system. The LRECL parameter was changed to the indicated lrecl. This message is usually preceded by message EZY2674E indicating the error.

System action:  LRECL parameter is changed.
Operator response:  Correct the error as indicated for message EZY2674E.
System programmer response:  Correct the error as indicated for message EZY2674E.
Module:  EZAFTPEP

EZY2676E  BLOCKSIZE must equal LRECL for RECFM recfm.

Explanation:  After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the LRECL and BLOCKSIZE parameters to be equal, but they were not equal. The BLOCKSIZE parameter was changed to the indicated lrecl. This message is followed by message EZY2677I indicating the new value of BLOCKSIZE.

System action:  The blocksize value is changed to the lrecl value.
Operator response:  If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.
System programmer response:  Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. See the [z/OS Communications Server: IP Configuration Reference] for information on the parameters of the FTP.DATA file.
Module:  EZAFTPEP

EZY2677I  BLOCKSIZE being set to blocksize number.

Explanation:  After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the value BLOCKSIZE parameter to have a dependency on the value of the LRECL parameter, but the dependency was not
met. The BLOCKSIZE parameter was changed to comply with the dependency on the LRECL. This message is preceded by message EZY2676E, EZY2678E, or EZY2679E indicating the nature of the relationship between BLOCKSIZE and LRECL.

**System action:** The blocksize value is changed to the indicated value.

**Operator response:** Correct the error as indicated for message EZY2676E, EZY2678E, or EZY2679E.

**System programmer response:** Correct the error as indicated for message EZY2676E, EZY2678E, or EZY2679E.

**Module:** EZAFTPEP

---

**EZY2678E** BLOCKSIZE must be a multiple of LRECL for RECFM recfm.

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be a multiple of the LRECL parameter, but it was not.

**System action:** BLOCKSIZE is set to a value that is the nearest multiple of LRECL.

**Operator response:** If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

**System programmer response:** Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/knowledgecenter/en/SICSFK_11.1.0/com.ibm.zos.zos.csiprfk.doc/acsiprfk_content.htm) for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2679E** BLOCKSIZE must be at least 4 more than LRECL for RECFM recfm.

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be at least four greater than the LRECL parameter, but it was not.

**System action:** BLOCKSIZE is set to LRECL + 4. If LRECL is greater than 32756, the LRECL will be changed to 32756 so that BLOCKSIZE will not exceed the maximum value of 32760.

**Operator response:** If the new value is acceptable, no action is necessary, otherwise contact the system programmer to get the correct lrecl, blocksize, and record format values put into the FTP.DATA file.

**System programmer response:** Update the FTP.DATA file with the corrected values for RECFM, LRECL, or BLOCKSIZE or all three. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/knowledgecenter/en/SICSFK_11.1.0/com.ibm.zos.zos.csiprfk.doc/acsiprfk_content.htm) for information on the parameters of the FTP.DATA file.

**Module:** EZAFTPEP

---

**EZY2680I** LRECL being changed to number

**Explanation:** After processing the FTP.DATA file, the server cross checked the new values of the RECFM, LRECL, and BLOCKSIZE parameters and found the RECFM parameter set to a record format which requires the BLOCKSIZE to be at least four greater than the LRECL parameter, but it was not. The server attempted to change the BLOCKSIZE value to LRECL + 4, but the LRECL value was greater than 32756, which would cause the BLOCKSIZE to exceed the maximum value of 32760. LRECL was changed to the indicated value.

**System action:** LRECL is changed to the indicated value.

**Operator response:** Correct the error as indicated for message EZY2679E.

**System programmer response:** Correct the error as indicated for message EZY2679E.

**Module:** EZAFTPEP
Invalid record format 'recfm' encountered.

Explanation: After processing the FTP.DATA file, the server attempted to cross check the RECFM, BLOCKSIZE, and LRECL values, but the value of RECFM was invalid.

System action: The RECFM, BLOCKSIZE, and LRECL values are reset to the default values.

Operator response: Contact the system programmer with the error message.

System programmer response: Correct the FTP.DATA statement by choosing the valid values.

Module: EZAFTPEP

LRECL, RECFM, and BLOCKSIZE being reset to default values.

Explanation: After processing the FTP.DATA file or LOCSITE command, the server or client attempted to cross check the RECFM, BLOCKSIZE, and LRECL values, but the value of RECFM was invalid. The LRECL, RECFM, and BLOCKSIZE values are reset to the default values.

System action: The RECFM, BLOCKSIZE, and LRECL values are reset to the default values.

Operator response: Contact the system programmer if you do not want to use the default values.

System programmer response: Correct the FTP.DATA statement by choosing the valid values.

Module: EZAFTPEP

Unknown start option: option

Explanation: While processing the start options specified in the FTP server start procedure, the FTP server encountered the invalid start option listed in the message.

System action: The start option is ignored. Processing continues with the next start option.

Operator response: Contact the system programmer to correct the FTP server start procedure.

System programmer response: Correct the start option in the FTP server start procedure. See the z/OS Communications Server: IP Configuration Reference for information on the FTP Server start options.

Module: EZAFTPEP

An error occurred processing the FTP translate table file name.

Explanation: FTP encountered an error while attempting to process the translation table file name.

System action: The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response: This message is followed by an additional message that further defines the error. Correct the error indicated by these messages.

System programmer response: This message is followed by an additional message that further defines the error. Correct the error indicated by these messages.

Module: EZAFTPNY

Header record invalid format.

Explanation: The FTP server was attempting to load a translation table, but the file specified for the translation table did not have a valid TCPXLBIN header record. The first record in the file should have been "*TCP/IP translate tables", but was not.

System action: The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

Operator response: If the file name is correct, the file has probably gotten corrupted. Use the CONVXLATE command to rebuild the table.
EZY2691E  •  EZY2700I

**System programmer response:** If the file name is correct, the file has probably gotten corrupted. Use the CONVXLATE command to rebuild the table.

**Module:** EZAFTPNY

---

**EZY2691E  Error reading the file: error**

**Explanation:** The FTP server was attempting to load a translation table, but the error *error* occurred while attempting to read the file.

**System action:** The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.

**Operator response:** Correct the error indicated by *error*. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

**System programmer response:** Correct the error indicated by *error*. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.

**Module:** EZAFTPNY

---

**EZY2693I  Unable to open name : reason**

**Explanation:** The FTP server attempted to open the specified file, but the open failed for the specified reason.

**System action:** The FTP server will continue through the search order.

**Operator response:** If the file *name* is the desired file, correct the error specified by *reason*. This message will be issued for each file as the server proceeds through the search order. If the desired file is further in the search order, no action is necessary.

**System programmer response:** If the file *name* is the desired file, correct the error specified by *reason*. This message will be issued for each file as the server proceeds through the search order. If the desired file is further in the search order, no action is necessary.

**Module:** EZAFTPCZ, EZAFTPEP, EZAFTPNX

---

**EZY2697I  IBM FTP version time on date**

**Explanation:** This is an informational message indicating that the MVS FTP server has completed initialization and is ready for client connections. The message indicates the version of the FTP server and the time and date the server was started.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM

---

**EZY2700I  Using port FTP control (portnumber)**

**Explanation:** This is an informational message indicating which port the FTP server is listening on for incoming client connections. This should be either the port specified for the ftp server in the etc.services file, the port specified by the PORT start option, or default port 21.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM
EZY2701I  Inactivity time is timeout

Explanation: This is an informational message indicating the value being used for the client control connection timeout. Client control connections inactive for this number of seconds will be terminated by the server. A timeout value of 0 indicates that inactive client connections will not be terminated. This value should be either the default timeout value or the value specified by the INACTIVE start option or FTP.DATA parameter.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPDM

---

EZY2702I  Server-FTP: Initialization completed at time on date

Explanation: This is an informational message indicating that the MVS FTP Server has completed initialization and is ready for client connections. The message indicates the time and date the server was started.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPSD

---

EZY2706E  Unsupported Modify command parameter parameter ignored.

Explanation: A Modify request was issued to the Server, but the server did not recognize the parameter entered on the modify request.

System action: The request is ignored.

Operator response: Verify that the Modify command was entered correctly. See the z/OS Communications Server: IP Configuration Reference for information on the Modify command.

System programmer response: None.

Module: EZAFTPFD

---

EZY2707E  Unsupported console command (hex code) command name ignored.

Explanation: An MVS command was entered to the FTP server, but the server did not support the MVS command. Currently the only supported MVS commands are MODIFY and STOP.

System action: The MVS command is ignored.

Operator response: None.

System programmer response: None.

Module: EZAFTPFD

---

EZY2714I  FTP server shutdown in progress

Explanation: The FTP daemon has been terminated either by an MVS operator STOP command, or by an OMVS kill command.

System action: The FTP daemon terminates.

Operator response: None.

System programmer response: None.

Module: EZAFTPDH
EZY2715I  General tracing is not active.
Explanation: A MODIFY command was entered requesting that general tracing of all user IDs be ended, but tracing is not currently active. The MODIFY command is ignored.
System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPHD

EZY2720I  Using Japanese translation tables in filename
Explanation: The translation table in the file is used as specified.
System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPDC

EZY2721E  Unable to load Japanese translation tables in filename; return code: code
Explanation: The FTP server encountered an error while attempting to load the indicated translation table. Possible return codes are:
1  No storage for the translation table
2  Unable to find the translation table header
3  Error reading the file
System action: FTP continues.
Operator response: Notify the system programmer of the error.
System programmer response: Respond as indicated by the return code displayed in the message.
Module: EZAFTPDC

EZY2722E  Unable to load Japanese translation tables.
Explanation: The FTP server cannot open the indicated translation table.
System action: FTP continues.
Operator response: Notify the system programmer of the error.
System programmer response: Make sure that the translation table is properly specified and loaded in storage accessible to the FTP server.
Module: EZAFTPDC

EZY2723I  Using Korean translation tables in filename
Explanation: The FTP server is using the indicated translation table.
System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPDC
EZY2724E Unable to load Korean translation tables in *filename*; return code: *code*

**Explanation:** The FTP server was unable to load the indicated translation table. Possible return codes are:

1. No storage for the translation table
2. Unable to find the translation table header
3. Error reading the file

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated by the return code displayed in this message.

**Module:** EZAFTPDC

---

EZY2725E Unable to load Korean translation tables.

**Explanation:** The FTP server cannot open the indicated translation table.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the translation tables are properly specified and in storage accessible to the FTP server.

**Module:** EZAFTPDC

---

EZY2726I Using traditional Chinese translation tables in *filename*

**Explanation:** The FTP server is using the indicated Chinese translation table.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDC

---

EZY2727E Unable to load traditional Chinese translation tables in *filename*; return code: *code*

**Explanation:** The FTP server cannot open the indicated Chinese translation table. Possible return codes are:

1. No storage for the translation table
2. Unable to find the translation table header
3. Error reading the file

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated by the return code displayed in this message.

**Module:** EZAFTPDC

---

EZY2728E Unable to load traditional Chinese translation tables.

**Explanation:** The FTP server cannot open the indicated Chinese translation table.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the Chinese translation table is properly specified and in storage accessible to the FTP server.

**Module:** EZAFTPDC
EZY2790E  Invalid format data set name "dsn". Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, dsn, was not a valid MVS data set name. The DCBDSN keyword is ignored. The FTP server continues with the next keyword.

System action: FTP continues.

Operator response: Notify the system programmer of the error.

System programmer response: Correct the DCBDSN data set name in the FTP.DATA file. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPRU

EZY2792E  Error retrieving "data_set". Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, was migrated, and the server was unable to recall the data set. The keyword is ignored. The FTP server continues with the next keyword.

System action: FTP continues.

Operator response: Determine why the data set cannot be recalled and correct the error.

System programmer response: Assist the user as necessary.

Module: EZAFTPRU

EZY2793E  "data_set" is migrated and noautorecall is specified. Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, was migrated and No Autorecall had also been specified. The server was unable to recall the data set. The keyword is ignored. The FTP server continues with the next keyword.

System action: FTP continues.

Operator response: Notify the system programmer of the error.

System programmer response: Change the FTP.DATA file or the FTP server start procedure to specify Autorecall; or recall the data set prior to starting the FTP server (note that the data set must then not be migrated at any point while the FTP server is active); or change the data set specified for the DCBDSN keyword to a data set that is not migrated. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPRU

EZY2794E  Error mounting "data_set". Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, was on an unmounted volume. The server encountered an error attempting to mount the volume. The keyword is ignored and the FTP server continues processing with the next keyword.

System action: FTP continues.

Operator response: Determine why the volume could not be mounted and correct the error.

System programmer response: Assist the user as necessary.

Module: EZAFTPRU

EZY2795E  Volume for "data_set" is not mounted and noautomount is specified. DCBDSN parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, was on an unmounted volume and NO AUTOMOUNT had also been specified. The server was unable to mount the volume. The keyword is ignored and the FTP server continues with the next keyword.
System action: FTP continues.

Operator response: Contact the system programmer to change the settings of the FTP.DATA file. If necessary, mount the volume containing the DCBDSN data set.

System programmer response: Change the FTP.DATA file or server job start options to allow Automount; mount the volume containing the DCBDSN data set (note that the volume must then remain mounted for the duration of the FTP server job); or change the DCBDSN parameter to specify a data set that is on a mounted volume. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPRU

---

EZY2796E  Data set "data_set" does not exist. Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, did not exist. The keyword is ignored and the FTP server continues with the next keyword.

System action: FTP continues.

Operator response: Notify the system programmer of the error.

System programmer response: Correct the FTP.DATA file to specify an existing data set for the DCBDSN keyword. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPRU

---

EZY2797E  "data_set" is not on a direct access volume. Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, was not located on a direct access volume. The keyword is ignored and the FTP server continues with the next keyword.

System action: FTP continues.

Operator response: Notify the system programmer.

System programmer response: Change the DCBDSN parameter of the FTP.DATA file to specify a data set that is on a direct access volume. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPRU

---

EZY2798E  "data_set" is a VSAM data set. Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, was a VSAM data set and could not be used as a model data set. The keyword is ignored and the FTP server continues with the next keyword.

System action: FTP continues.

Operator response: Contact the system programmer to change the settings of the FTP.DATA file.

System programmer response: Change the DCBDSN keyword in the FTP.DATA file to specify a non-VSAM data set. See the z/OS Communications Server: IP Configuration Reference for information on the parameters of the FTP.DATA file.

Module: EZAFTPRU

---

EZY2799E  "data_set" invalid dsorg. Dcbdsn parameter ignored.

Explanation: The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, data_set, had an incorrect data set organization and could not be used as a model data set. The keyword is ignored and the FTP server continues with the next keyword.

System action: FTP continues.

Operator response: Contact the system programmer to change the settings of the FTP.DATA file.

System programmer response: Change the DCBDSN keyword in the FTP.DATA file to specify a data set with a
valid data set organization (PS or PO). See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/knowledgecenter/SSLTBW_1.3.0/com.ibm.zos.mskls00/zos/rmdipcon.pdf) for information on the parameters of the FTP.DATA file.

**Module:** EZAFTRPU

---

**EZY2800E**    Error locating file "data_set". Dcbdsn parameter ignored.

**Explanation:** The FTP server was processing the DCBDSN keyword in the FTP.DATA file. The data set name specified for the DCBDSN data set, `data_set`, could not be located. The keyword is ignored and the FTP server continues with the next keyword.

**System action:** FTP continues.

**Operator response:** If the data set exists, determine why the server was unable to locate it, and correct the error. If necessary, contact the system programmer to change the settings of the FTP.DATA file.

**System programmer response:** Change the DCBDSN keyword in the FTP.DATA file to specify a valid data set. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/knowledgecenter/SSLTBW_1.3.0/com.ibm.zos.mskls00/zos/rmdipcon.pdf) for information on the parameters of the FTP.DATA file.

**Module:** EZAFTRPU

---

**EZY2830I** Using simplified Chinese translation tables in `filename`

**Explanation:** The FTP server is using the indicated simplified Chinese translation table.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTRPU

---

**EZY2831E** Unable to load simplified Chinese translation tables in `filename`; return code: `code`

**Explanation:** The FTP server cannot open the indicated simplified Chinese translation table. Possible return codes are:

1. No storage for the translation table
2. Unable to find the translation table header
3. Error reading the file

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Respond as indicated by the return code displayed in this message.

**Module:** EZAFTRPU

---

**EZY2832E** Unable to load simplified Chinese translation tables.

**Explanation:** The FTP server cannot open the indicated simplified Chinese translation table.

**System action:** FTP continues.

**Operator response:** Notify the system programmer of the error.

**System programmer response:** Make sure that the simplified Chinese translation table is properly specified and in storage accessible to the FTP server.

**Module:** EZAFTRPU
Chapter 4. EZY3xxxx messages

EZY3720I  f=number d=number rl=hexvalue rdl=number pdh=number pdl=number

Explanation:  This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  print_request_parms

EZY3721I  rc=number err=number rpl=hexvalue rpb=hexvalue rpbl=number

Explanation:  This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  print_request_parms

EZY3722I  string hexvalue xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

Explanation:  Hexadecimal display of information starting at storage address hexvalue. This display is generated by a call to the prntdata function. The string value is supplied by the caller to identify this output. If more than 16 bytes of data are displayed, message EZY3723I is used for additional lines.

System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  prntdata

EZY3723I  string xxxxxxx xxxxxxx xxxxxxx xxxxxxx

Explanation:  Hexadecimal storage display generated by a call to the prntdata function. This format is used for subsequent lines after message EZY3722I until the requested amount of data is displayed.

System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  prntdata
EZY3724I  descarray is at addr, size is bytes bytes
Explanation: This indicates the address and size of the socket descriptor array.
This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: alloc_global_fdsets

EZY3725I  descarray has number entries, entry size is bytes
Explanation: This indicates the number of socket descriptor entries and the size of the entries that appear in the IUCV socket descriptor table.
This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: alloc_global_fdsets

EZY3726I  iucvdesc is at addr
Explanation: The IUCV descriptor structure is located at the address in this message. This is the location of extra storage for IUCV socket information.
This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: alloc_global_fdsets

EZY3727I  in nextbuf with function type
Explanation: The function descarray_nextbuf has been called with a type argument other than receive, send, read, accept, or write. The function descarray_nextbuf issues this message and returns -1.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: descarray_nextbuf
EZY3728I  data pending=data, fd=descriptor, path=path, iptype=type (status)

Explanation: This indicates the pointers to the number of input buffers left to be read, the file descriptor, the IUCV path ID, the IUCV parameter list status type, and the actual status.

This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: CMIUCSOC

Procedure Name: descarray_iucv_receive

EZY3729I  fd=descriptor iucvselect now TRUE

Explanation: This indicates the file descriptor and that at least one AF_IUCV descriptor is in the caller’s mask.

This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: CMIUCSOC

Procedure Name: descarray_select

EZY3730I  fd=descriptor inetselect now TRUE

Explanation: This indicates the file descriptor and that at least one AF_INET descriptor is in the caller’s mask.

This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: CMIUCSOC

Procedure Name: descarray_select

EZY3731I  IUCV interrupt from TCPIP,

Explanation: This message is issued when debugging is requested (a trace socket statement appears in the tcpip.data configuration file). It is issued along with message EZY3732X to indicate that an IUCV interrupt has been received from TCPIP.

System action: TCPIP continues.

Operator response: None.

System programmer response: None.

Module: CMIUCSOC

Procedure Name: descarray_save_iucvbuf
EZY3732X  fd=descriptor, path=path, type=type (string)

Explanation: This message is concatenated to EZY3731I and indicates the file descriptor, the path ID, the numeric value of the interrupt type, and the symbolic type of external interrupt.
System action: TCPIP continues
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: descarray_save_iucvbuf

EZY3733E  userid severed IUCV path.

Explanation: The indicated user severed the IUCV path. The TCP connection corresponding to each stream socket is reset.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: descarray_save_iucvbuf

EZY3734E  userid severed IUCV path. Reason ipuser.field

Explanation: The indicated userid severed the IUCV path. This occurs only in the case of shutdown or an unexpected error. The ipuser field in the SEVER external interrupt indicates the reason for the sever. The reason is in EBCDIC. The possible reason codes and explanations appear in z/OS Communications Server: IP Programmer’s Guide and Reference.
System action: The system action depends on the type of error that occurred.
Operator response: None.
System programmer response: See z/OS Communications Server: IP Programmer’s Guide and Reference to determine the reason for this error and to correct the error. If the error is the result of an error in TCPIP, contact the IBM Software Support Center.
Module: CMIUCSOC
Procedure Name: descarray_save_iucvbuf

EZY3735I  IUCV interrupt, fd=descriptor, path=path, type=type (string)

Explanation: This message is issued when socket tracing is requested and indicates an IUCV interrupt of the indicated type number (name) occurred for the file descriptor and path ID specified.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: descarray_save_iucvbuf

EZY3736S  Had a rejected message completion, msg lost

Explanation: An IUCV interrupt denoting “rejected message” was received; the message is lost.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: descarray_save_iucvbuf

EZY3737W  Sever Pending Connection from addrspace for application
Explanation: An IUCV interrupt was received for a socket that does not exit. The connection to the indicated TCPIP address space is severed.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: descarray_save_iucvbuf

EZY3738W  Sever Pending Connection, no user data
Explanation: The pending connection of the IUCV path to the TCPIP address space has been severed. No user data is available for the connection.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: descarray_save_iucvbuf

EZY3739W  Message Complete audit field: value.value.value
Explanation: An IUCV interrupt occurred with nonzero audit data. This signifies an error was detected after the IUCV operation was requested. The values in the message indicate more specific details about the type of error.
System action: Error return will be indicated by the socket function invoked.
Operator response: None.
System programmer response: If the error can be reproduced, set trace socket in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the traces and the dump.
Module: CMIUCSOC
Procedure Name: check_audit

EZY3740I  Recode on IUCV, function fd=descriptor, buf (ipbfadr2) is at address
Explanation: This message appears during a request to get the next IUCV buffer if socket tracing is in effect. The return code from the IUCV_NEXTBUFFER function, the IUCV function, the file descriptor, and the address of the buffer for the request are displayed.
This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
EZY3741I  •  EZY3744E

Procedure Name:  doiucv

EZY3741I  Rc=code on IUCV_function to id fd=descriptor, path=path, iprcode=iprcode, ipmsgid=hexid, iucvname=string

Explanation:  This message displays information about an IUCV function including:
• Return code
• Function name
• User ID of the TCPIP address space
• File descriptor
• Path ID
• The isolated pacing response (IPR) code
• The message ID from the function
• IUCV name or descriptor name

This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  None.

Module:  CMIUCSOC

Procedure Name:  doiucv

EZY3742I  ciucv_data area (ipbfadr2) is at address

Explanation:  The IPBFADR2 data area is at the location pointed to by the address in the message.

This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  None.

Module:  CMIUCSOC

Procedure Name:  doiucv

EZY3743I  Caught a REPLY after PURGE

Explanation:  A reply external interrupt occurred after the IUCV_PURGE function. This message is generated only when socket tracing is in effect. IUCV ignores the reply.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  None.

Module:  CMIUCSOC

Procedure Name:  doiucv

EZY3744E  Rc=code on IUCV_function to id, path=path, iprcode=iprcode, iucvname=name

Explanation:  This message displays information about an unsuccessful IUCV function including:
• Return code
• Function name
• User ID of the TCPIP address space
• Path ID
• The isolated pacing response (IPR) code
EZY3745E  •  EZY3747I

• IUCV name or descriptor name

This message appears when socket tracing is not in effect (when socket tracing is specified, other messages convey the same information as this one, therefore this message is not generated.)

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module:  CMIUCSOC

Procedure Name:  doiucv

---

EZY3745E  Should not be in sock_request_iucv for function,

Explanation:  The sock_request_iucv routine should not have been called for the function indicated in this message. IUCV returns a –1 return code and an error to indicate that an incorrect file number was detected.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  This is an internal error. Contact the IBM Software Support Center to report the error.

Module:  CMIUCSOC

Procedure Name:  sock_request_iucv

---

EZY3746I  sock_request_inet entry parms:

Explanation:  This message precedes the list of parameters that are being used for the sock_request_inet routine, the routine that sends an INET socket request.

This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  None.

Module:  CMIUCSOC

Procedure Name:  sock_request_inet

---

EZY3747I  sock_request_inet returns EIBMIUCVERR

Explanation:  The sock_request_inet routine encountered an error while trying to send an INET socket request. This message has additional text concatenated to it that gives more information about the circumstances where the error occurred.

This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  None.

Module:  CMIUCSOC

Procedure Name:  sock_request_inet
**EZY3748X • EZY3754X**

---

**EZY3748X  after check_and_establishiucv() err**

**Explanation:** This message is concatenated to message EZY3747I. The current IUCV path has been severed. The socket application attempted to establish a new path, but was not successful. The application sets the error number parameter to indicate an IUCV error, and the return code to indicate no path ID.

This message is part of the socket trace used for problem analysis and can be generated by specifying `trace socket` in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock_request_inet

---

**EZY3750X  after doiucv() err**

**Explanation:** This message is concatenated to message EZY3747X. An error occurred when IUCV sent an INET socket request to TCPIP.

This message is part of the socket trace used for problem analysis and can be generated by specifying `trace socket` in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock_request_inet

---

**EZY3752X  due to bad irpt**

**Explanation:** This message is concatenated to message EZY3747X. An error occurred when an IUCV interrupt was received. Information in the interrupt buffer does not match what was expected.

This message is part of the socket trace used for problem analysis and can be generated by specifying `trace socket` in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock_request_inet

---

**EZY3754X  after check_audit()**

**Explanation:** This message is concatenated to message EZY3747I. The check_audit routine checked the audit field of an IUCV interrupt and the field indicated an error occurred during the interrupt. The return code and errno value provide more information about the error. IUCV returns the return code and errno value in the parameter list.

This message is part of the socket trace used for problem analysis and can be generated by specifying `trace socket` in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC
Procedure Name: sock_request_inet

**EZYS355I sock_request_inet return parms:**

**Explanation:** These are the parameters that the sock_request_inet routine returns upon completion. If an error occurred during this routine, the return code and errno will appear in this parameter list.

This message is part of the socket trace used for problem analysis and can be generated by specifying `trace socket` in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** sock_request_inet

---

**EZYS356I flush_dgram: about to call sock_request(), totlen=bufferlength**

**Explanation:** The sock_request function is to be called, with a buffer of the length indicated in the message. This call will transmit all locally buffered datagrams to TCPIP. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common_send

---

**EZYS357I sending iovcnt=number**

**Explanation:** This is the number of datagrams being sent for a socket request. Message EZYS358I will be generated for each of these datagrams. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common_send

---

**EZYS358I theiovs [number].iov_base=number.iov_len=length data=**

**Explanation:** The iovcnt structure fields (address and length of a datagram) is displayed, followed by the first 50 bytes of the datagram in hexadecimal format. This message is generated only when a socket is operating in bulk mode. This message is generated only when socket tracing is in effect.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** CMIUCSOC

**Procedure Name:** common_send
EZY3774I  EZY3778I

EZY3774I  fd=descriptor in callers rmask
Explanation:  This message identifies a file descriptor set in the caller’s read mask. The message will be issued once for each file descriptor that is set in the read mask. This message is generated only when socket tracing is in effect.
System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  common_select

EZY3775I  fd=descriptor unallocated
Explanation:  The indicated file descriptor is not allocated, but it was specified in a read, write, or exception mask supplied by an application as an argument to a select function. This message is generated only when socket tracing is in effect. The select function returns an error to indicate an incorrect file number.
System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  common_select

EZY3776I  fd=descriptor in callers wmask
Explanation:  This message identifies the file descriptors set in the caller’s write mask. This message is generated only when socket tracing is in effect.
System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  common_select

EZY3777I  fd=descriptor in callers emask
Explanation:  This message identifies the file descriptors set in the caller’s exception mask. This message is generated only when socket tracing is in effect.
System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  CMIUCSOC
Procedure Name:  common_select

EZY3778I  Select would cause deadlock
Explanation:  The arguments to select specified nothing (no file descriptor, no time-out, etc.) that could be or become ready, therefore an attempt to perform this select function would never return. Error code EDEADLK is returned to caller.
System action:  TCPIP continues.
Operator response:  None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3779I in inetselect
Explanation: The status of the AF_INET descriptors in the inetselect mask is being checked (an interaction with TCPIP will occur). This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3780I in inetselect iucverror
Explanation: The socket IUCV path to the TCPIP address space no longer exists. (This might occur if TCPIP is unsuccessful, or is intentionally stopped, for example.) This message is generated only when socket tracing is in effect. Error code -1 is generated by the select function called by the application.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3781I waitvalue of 0 secs to TCPIP
Explanation: A select function has already determined a selected AF_IUCV descriptor is ready. It is forcing a wait time of zero when contacting TCPIP to learn whether any selected AF_INET descriptor is also ready. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3782I in iucvselect, iucvnfds=numberfds
Explanation: This message indicates the number of ready AF_IUCV file descriptors found in the select mask. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select
EZY3783I  user specified seconds s micro-seconds ms wait
Explanation: The user requested the specified time-out value in a call to a select function. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3784I  issue stimer now
Explanation: A select function was called with a time-out argument, but no AF_INET descriptors in the selection mask and no other selected descriptors ready. Therefore, the select function will use STIMER to measure the wait time locally. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3785I  do not issue stimer
Explanation: A select function was called with a time-out value of zero. No selected descriptor is ready, and no wait will be performed. The select function sets the user file descriptor masks to zero (no descriptor is ready) and returns a zero return code. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3786I  wait forever, null ptr to timeval
Explanation: A select function has been called with NULL as the time-out argument. No selected descriptor is currently ready, therefore the socket application will wait until a descriptor becomes ready (or the specified ECB is posted, if selectex was called). This message is generated only when socket tracing is in effect.
System action: The application waits until the desired action occurs.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3787I  wait ecblist=list, ecbcoun=count
Explanation: Displays the address of the ECB list, and the number of ECBs in this list, that will be used by a select function to wait for an event to occur. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

**EZY3788I** iucvposted=iucv, waitposted=wait, callposted=call

Explanation: Describes the result of the WAIT operation described by message EZY3787I, specifically indicating the posted status of the ECB used for IUCV interrupts (iucvposted), the ECB used for timer interrupts (waitposted), and the ECB supplied by the calling application (callposted). This message is generated only when socket tracing is in effect.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

**EZY3789I** in iucvposted

Explanation: A select function is processing an IUCV interrupt. If the interrupt indicates a message complete from TCPIP, IUCV merges the AF_IUCV file descriptor sets with the AF_INET file descriptor sets returned by TCPIP. If there are AF_IUCV descriptors in the caller’s masks, any IUCV interrupt selected by the caller’s mask completes the request and the caller’s mask is set accordingly. If an AF_IUCV interrupt is received for a descriptor not in the caller’s mask, the select function continues waiting. This message is generated only when socket tracing is in effect.

System action: The application’s action depends on the specific case. See the explanation for more information. TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

**EZY3790I** iucvcomp is now TRUE

Explanation: A select function found at least one AF_IUCV descriptor in the caller’s masks, and an IUCV interrupt occurred on an AF_IUCV path. Assignment of TRUE to the variable iucvcomp causes later code to check whether this IUCV interrupt satisfies the select condition. This message is generated only when socket tracing is in effect.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

**EZY3791I** in gotmsgcomp

Explanation: This indicates that select received a Message Complete interrupt from TCPIP (because one of the AF_INET descriptors identified by the select function’s caller is ready) and is about to proceed accordingly. Select adds any AF_IUCV descriptors that are ready to the AF_INET ready descriptors in the mask, and continues. This message is generated only when socket tracing is in effect.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
EZY3792I • EZY3795I

Module: CMIUCSOC
Procedure Name: common_select

EZY3792I nfds=value, return=value
Explanation: Displays the number of AF_IUCV descriptors that are ready (nfds) and the total number of ready descriptors (return), which is the value returned by select. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3793I must wait for TCPIP
Explanation: This indicates that a select function must wait for a reply to its message to TCPIP before it can complete. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3794I in iucvcom && iucvselect
Explanation: A select function is ending because an AF_IUCV descriptor has become ready before any AF_INET descriptor or other action that would end the select (for example, time-out or ECB posting). This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3795I in wait posted
Explanation: A select function is ending because the time-out value specified by the caller has expired. This message is generated only when socket tracing is in effect.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select
EZY3796I  in wait posted iucvselect

Explanation: A select function’s time-out period has expired (this message follows message EZY3795I) and the selection mask includes one or more AF_IUCV descriptors. This message is generated only when socket tracing is in effect.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3797I  callers ECB posted

Explanation: A select function is ending because the ECB identified by the caller has been posted, rather than any of the specified descriptors becoming ready. Select sets the caller’s masks to zero and returns a zero return code.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: common_select

EZY3818I  Your dataset has enabled debug.

Explanation: Debugging has been requested by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: ReadProf

EZY3819I  Your dataset has enabled TESTSTOR.

Explanation: The TESTSTOR function has been requested by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: CMIUCSOC
Procedure Name: ReadProf

EZY3820I  Your dataset has disabled TESTSTOR.

Explanation: The TESTSTOR function has been turned off by an option in your TCPIP.DATA data set. This message is generated only when socket tracing is in effect.

System action: TCPIP continues.
Operator response: None.
System programmer response: None.
**EZY3821I • EZY3829I**

<table>
<thead>
<tr>
<th>Module</th>
<th>CMIUCSOC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procedure Name</td>
<td>ReadProf</td>
</tr>
<tr>
<td><strong>EZY3821I</strong></td>
<td>TESTSTOR is enabled.</td>
</tr>
<tr>
<td><strong>Explanation</strong></td>
<td>The TESTSTOR function is active and will check the validity of storage addresses provided as arguments in calls to socket functions. This message is generated only when socket tracing is in effect.</td>
</tr>
<tr>
<td><strong>System action</strong></td>
<td>TCPIP continues.</td>
</tr>
<tr>
<td><strong>Operator response</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>System programmer response</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>Module</strong></td>
<td>CMIUCSOC</td>
</tr>
<tr>
<td><strong>Procedure Name</strong></td>
<td>ReadProf</td>
</tr>
</tbody>
</table>

| **EZY3822I**  | TESTSTOR is not enabled.|
| **Explanation** | The TESTSTOR function is not active. This message is generated only when socket tracing is in effect. |
| **System action** | TCPIP continues.  |
| **Operator response** | None. |
| **System programmer response** | None. |
| **Module** | CMIUCSOC |
| **Procedure Name** | ReadProf |

| **EZY3828E**  | dataset could not be opened or is not defined. |
| **Explanation** | The ETC.SERVICES data set could not be opened or is not defined. |
| **System action** | GETSERVE continues, additional services are ignored. |
| **Operator response** | None. |
| **System programmer response** | If the application ends abnormally as a result of requiring this hlq.ETC.SERVICES data set, create the data set implicitly using a valid high level qualifier or explicitly using the DD:SERVICES definition in the application’s catalogued procedure. See the z/OS Communications Server: IP Configuration Reference for more information. |
| **Module** | GETSERVE |
| **Procedure Name** | setservent |

| **EZY3829I**  | pre xxxxxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxx xxxxxxxxx |
| **Explanation** | This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCP/IP:DATA configuration file. |
| **System action** | TCPIP continues.  |
| **Operator response** | None. |
| **System programmer response** | Contact IBM Software Support Center and, if requested to do so, provide this information. |
| **Module** | CMIUCSOC |
| **Procedure Name** | hpns_common_select, hpns_do_init, hpns_do_term, hpns_sock_request, getibmopt |
Chapter 4. EZY3xxxx messages  205
**EZY3835I • EZY3952X**

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns_common_select, hpns_do_init, hpns_do_term, hpns_sock_request, getibmopt

---

**EZY3835I** post xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx xxxxxxxx

**Explanation:** This message is part of the socket trace used for problem analysis and can be generated by specifying trace socket in the TCPIP.DATA configuration file.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Contact IBM Software Support Center and, if requested to do so, provide this information.

**Module:** CMIUCSOC

**Procedure Name:** hpns_common_select, hpns_do_init, hpns_do_term, hpns_sock_request, getibmopt

---

**EZY3950X** No error

**Explanation:** This message indicates normal completion, no Inter-User Communication Vehicle (IUCV) error is found. The socket call is successful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3951X** Invalid Path-id

**Explanation:** The path ID in an IUCV operation is incorrect. The socket call ends.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3952X** Path is quiescent

**Explanation:** The IUCV path used in a send operation has been quiesced by the receiver. No messages can be sent on this path until the receiver has performed a resume operation.

**System action:** The socket call continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events.
leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR  
**Procedure Name:** tcperror

---

**EZY3953X**  
**Explanation:** The maximum number of IUCV messages has already been queued for the receiver on the path over which a new message send request has been made. The IUCV message is discarded. An error return is generated by the socket function the application called.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR  
**Procedure Name:** tcperror

---

**EZY3954X**  
**Explanation:** The IUCV CONNECT parameter for the connection listed priority = NO, so no priority messages are allowed on this path. The message is discarded.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR  
**Procedure Name:** tcperror

---

**EZY3955X**  
**Explanation:** An IUCV SEND operation specified a reply was required, but the length of the reply sent by the message recipient exceeded the size of the answer buffer provided by the message sender for this reply.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set **trace socket** to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR  
**Procedure Name:** tcperror
**EZY3956X • EZY3959X**

---

**EZY3956X**  Fetch Protection Exception on answer buffer

**Explanation:** The address specified for the reply message by an IUCV REPLY operation points to an address in storage that is fetch protected.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3957X**  Addressing Exception on answer buffer

**Explanation:** The pointer to the reply buffer specified in an IUCV operation is incorrect or null.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3958X**  Conflicting msg class/path/msgid

**Explanation:** This message indicates one of three conditions:

- an unrecognized socket call constant was found in the high-order halfword of the target message class (TRGCLS) keyword.
- conflicting path ID
- conflicting message ID

IUCV operation is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3959X**  Msg was purged

**Explanation:** An IUCV REPLY was performed for a message that has been purged by the sender. The reply message is discarded.

**System action:** TCPIP continues.
EZY3960X • EZY3962X

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror

---

EZY3960X  Negative msg length

Explanation: The buffer length (BUFLEN) or data length (PRMMSG) is negative and is therefore an incorrect parameter for an IUCV operation. The IUCV call ends.

System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror

---

EZY3961X  Target userid not logged on

Explanation: The target communicator specified for an IUCV CONNECT function does not exist. The IUCV call ends.

System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror

---

EZY3962X  Target userid not enabled for IUCV

Explanation: The target communicator specified for an IUCV CONNECT function has not enabled IUCV operations. The IUCV call ends.

System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror
EZY3963X  Exceeded number of paths (this side)
Explanation: You have exceeded the maximum of 255 simultaneous connections allowed under IUCV. The connection is not established.
System action: TCPIP continues.
Operator response: None.
System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.
Module: TCPERROR
Procedure Name: tcerror

EZY3964X  Exceeded number of paths (other side)
Explanation: The target communicator has exceeded the maximum of 255 simultaneous connections allowed under IUCV. The IUCV call ends.
System action: TCPIP continues.
Operator response: None.
System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.
Module: TCPERROR
Procedure Name: tcerror

EZY3965X  Not authorized
Explanation: You are not authorized to establish an IUCV connection with the remote user’s address space. The IUCV call ends.
System action: TCPIP continues.
Operator response: None.
System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.
Module: TCPERROR
Procedure Name: tcerror

EZY3967X  Invalid function code
Explanation: Unknown function specified for IUCV operation. No operation is performed.
System action: TCPIP continues.
Operator response: None.
System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.
Support Center with the original message, the traces, and the dump.

**Module**: TCPERROR

**Procedure Name**: tcperror

---

**EZY3968X**  
**Msg limit exceeds 255**

**Explanation**: The message limit specified for an IUCV CONNECT operation is too large. The IUCV CONECT operation is ignored.

**System action**: TCPIP continues.

**Operator response**: None.

**System programmer response**: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module**: TCPERROR

**Procedure Name**: tcperror

---

**EZY3969X**  
**Buffer already declared**

**Explanation**: An IUCV buffer had already been declared, the first step in initializing for IUCV operations, when another IUCV DECLARE BUFFER request was made.

**System action**: TCPIP continues.

**Operator response**: None.

**System programmer response**: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module**: TCPERROR

**Procedure Name**: tcperror

---

**EZY3970X**  
**Path was severed by other side**

**Explanation**: The IUCV partner has severed the path for which an IUCV ACCEPT function is requested. The ACCEPT function is unsuccessful.

**System action**: TCPIP continues.

**Operator response**: None.

**System programmer response**: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module**: TCPERROR

**Procedure Name**: tcperror

---

**EZY3971X**  
**Cannot accept data in parmlist**

**Explanation**: An IUCV SEND operation specifying data to be delivered in the parameter list could not be performed because the CONNECT operation that established the IUCV path to be used for the SEND operation did not specify that data could be delivered in the parameter list. The IUCV operation is unsuccessful.
System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror

**EZY3972X** SEND buffer list is invalid

Explanation: The send buffer list data is incorrect or null. The IUCV operation is unsuccessful.

System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror

**EZY3973X** Negative length in answer list

Explanation: The length specified in the IUCV socket call for the buffer list (BUFLEN) is negative. The socket call ends.

System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror

**EZY3974X** Total list length is invalid

Explanation: A buffer list was specified for an IUCV SEND or REPLY operation, and the total message length specified does not match the sum of the individual lengths of the message pieces in the buffer list. The IUCV call ends.

System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR
Procedure Name: tcperror

**EZY3975X** PRMMSG and BUF/ANSLIST conflict

**Explanation:** The PRMMSG option is not allowed when you specify ANSLIST = YES. The message is not sent.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3976X** Buffer list not on double word boundary

**Explanation:** The buffer list for an IUCV call must begin on an appropriate boundary in storage. The IUCV call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3977X** Answer list not on double word boundary

**Explanation:** The answer list for an IUCV call must begin on an appropriate boundary in storage. Like the BUFLIST field (see message EZY3976X), the ANSLIST must begin on a double-word boundary. The IUCV call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY3978X** Must create control buffer

**Explanation:** An attempt was made to perform an IUCV operation, such as CONNECT, on a control path but no DECLARE BUFFER has been issued for control paths. All IUCV operations default to application path.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of
socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message, the traces, and the dump.

**Module:** TCPERROR  
**Procedure Name:** tcperror

---

**EZY3985E**  
**Bad socket-call constant (EIBMBADCALL)**

**Explanation:** An incorrect socket-call constant was found in the IUCV header, such as a code that refers to a non-existent socket function. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the arguments in the socket call. For details, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com). If the error can be reproduced, set *trace socket* to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR  
**Procedure Name:** tcperror

---

**EZY3986E**  
**Bad parm (EIBMBADPARM)**

**Explanation:** One of the parameters specified in the socket call is incorrect. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the offending parameter descriptor. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com). Module: TCPERROR  
**Procedure Name:** tcperror

---

**EZY3987E**  
**Socket out of range (EIBMSOCKOUTOFRANGE)**

**Explanation:** The socket descriptor is outside the range accepted for the IBM implementation of sockets. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the socket descriptor for the IBM socket to an acceptable value. For details, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com). Module: TCPERROR  
**Procedure Name:** tcperror

---

**EZY3988E**  
**Socket in use (EIBMSOCKINUSE)**

**Explanation:** The socket number assigned by the client application for accept, socket, or takesocket call is already in use. The socket call is unsuccessful.

**System action:** TCPIP continues.

**Operator response:** None.
System programmer response: Create a new accept, socket, or takesocket call for the application. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module: TCPERROR

Procedure Name: tcperror

EZY3989E  IUCV error (EIBMIUCVERR)

Explanation: The request failed due to an IUCV error. This error is generated by the client stub code. The socket call is unsuccessful.

System action: TCPIP continues.

Operator response: None.

System programmer response: Use the IUCV error message that appears directly after this message to aid in determining the nature of the error. For more information about IUCV sockets, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

Module: TCPERROR

Procedure Name: tcperror

EZY3993E  Conflict with other call on socket (EIBMCONFLICT)

Explanation: A previous function on the same socket has not completed and the present call is not of a type that can be processed or queued until the previous operation completes. The present call is unsuccessful.

System action: TCPIP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror

EZY3994E  Call canceled (EIBMCANCELLED)

Explanation: A close() call has been issued by either the server or the client.

System action: If the socket is closed when input data is queued, the TCP connection is reset rather than being cleanly closed.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCPERROR

Procedure Name: tcperror
EZY3996E  A TCP/IP name that is not valid was detected (EIBMBADTCPNAME)

Explanation:  A TCP/IP name that was not valid was detected. The socket call is unsuccessful.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  The system derives the TCP/IP value from the configuration file, as described in the z/OS Communications Server: IP Configuration Reference. Correct the TCPIPJOBNAME value defined in the TCPIP.DATA file that is allocated to the job.

Module:  TCERROR

Procedure Name:  tcperror

EZY3997E  TSRB request code is invalid (EIBMBADREQUESTCODE)

Explanation:  A request code that was not valid was detected.

System action:  TCP/IP continues.

Operator response:  None.

System programmer response:  Correct the arguments in the socket call. For details, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference. If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. After the error occurs, obtain a dump of the VMCF address space. Contact the IBM Software Support Center with the original message and the traces.

Module:  TCERROR

Procedure Name:  tcperror
Chapter 5. EZY4xxx messages

**EZY4000E**  A connection token that is not valid was detected. (EIBMBADCONNECTIONMATCH)

*Explanation:* A connection token that is not valid was detected. There is no such connection.

*System action:* TCP/IP continues.

*Operator response:* None.

*System programmer response:* If the error can be reproduced, set `trace socket` to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

*Module:* TCPERROR

*Procedure Name:* tcperror

---

**EZY4001E**  TCPIP Abend (EIBMTCPABEND)

*Explanation:* An abend occurred in TCP processing of this request.

*System action:* TCP/IP continues.

*Operator response:* None.

*System programmer response:* If the error can be reproduced, set `trace socket` to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

*Module:* TCPERROR

*Procedure Name:* tcperror

---

**EZY4008E**  TCPIP C Socket Abend (EIBMTERMERROR)

*Explanation:* TCP/IP C Socket encountered a terminating error.

*System action:* TCP/IP continues.

*Operator response:* None.

*System programmer response:* If the error can be reproduced, set `trace socket` to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

*Module:* TCPERROR

*Procedure Name:* tcperror
The delete requestor did not create the connection. (EIBMINVDELETE)

Explanation: The request was called from an invalid task.

System action: TCP/IP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCERROR
Procedure Name: tcperror

The connection token validation failed. (EIBMINVSOCKET)

Explanation: Connection token validation failed. The socket does not exist.

System action: TCP/IP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCERROR
Procedure Name: tcperror

Connection Terminated by TCPIP (EIBMINVTCPCONNECTION)

Explanation: A socket connection was terminated by TCP/IP.

System action: TCP/IP continues.

Operator response: None.

System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module: TCERROR
Procedure Name: tcperror

TCPIP not installed or not active (EIBMNOACTIVETCP)

Explanation: TCPIP is not installed or not active.

System action: TCPIP not available.

Operator response: Issue a D TCPIP command to determine whether TCPIP is installed. If it is installed, restart TCPIP and reissue the socket call.

System programmer response: None.

Module: TCERROR
EZY4022E  The requested control block contained data that is not valid. (EIBMINVTSRUSERDATA)

Explanation:  The requested control block contained data that is not valid.

System action:  TCP/IP continues.

Operator response:  None.

System programmer response:  If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message, the traces, and the dump.

Module:  TCERROR

Procedure Name:  tcperror

---

EZY4026E  Client received bad post code (EIBMBADPOSTCODE)

Explanation:  This message is received by an outstanding (blocked) socket when TCPIP is stopped. It indicates that an application was given a bad post code.

System action:  TCPIP ends.

Operator response:  None.

System programmer response:  If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces will provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. Contact the IBM Software Support Center with the original message and the traces.

Module:  TCERROR

Procedure Name:  tcperror

---

EZY4050E  No error

Explanation:  This message indicates normal completion of a socket call.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  If the application is correct in detecting that some error occurred, another program has reset the value of errno before the call to tcperror generated this message. Otherwise, the application logic has incorrectly decided an error occurred, and is calling tcperror to display a message when no reason exists to do so.

Module:  TCERROR

Procedure Name:  tcperror

---

EZY4051E  Not owner (EPERM)

Explanation:  Permission is denied. The caller does not have correct ownership to perform the requested operation.

System action:  The call fails. TCPIP continues.

Operator response:  None.

System programmer response:  Check the permissions for the data set or directory.

Module:  TCERROR

Procedure Name:  tcperror
EZY4052E  No such file or directory (ENOENT)
Explanation: A referenced data set or directory does not exist.
System action: TCPIP continues.
Operator response: None.
System programmer response: Verify the data set or directory name, and correct the reference.
Module: TCERROR
Procedure Name: tcperror

EZY4053E  No such process (ESRCH)
Explanation: The referenced process or task was not found.
System action: TCPIP continues.
Operator response: None.
System programmer response: Verify the process name, and correct the reference.
Module: TCERROR
Procedure Name: tcperror

EZY4054E  Interrupted system call (EINTR)
Explanation: A function was unable to complete, usually because of conditions having nothing to do with the request itself. This code does not diagnose an error in a request, but reports that the system handling the request found it more convenient to abandon this request than to continue it after some other activity was performed.
System action: TCPIP continues.
Operator response: None.
System programmer response: Repeat the original request.
Module: TCERROR
Procedure Name: tcperror

EZY4055E  I/O error (EIO)
Explanation: Some sort of I/O error occurred while the operation was in progress. This could be a disk error, for example.
System action: TCPIP continues.
Operator response: None.
System programmer response: Make sure that sufficient storage exists for newly-created data sets. Use the appropriate I/O support functions under MVS to isolate the source of the error.
Module: TCERROR
Procedure Name: tcperror

EZY4056E  No such device or address (ENXIO)
Explanation: The process name or driver name for the socket call is not found.
System action: The socket call fails. TCPIP continues.
Operator response: None.
System programmer response: Verify the local and remote addresses and process names for the socket call. For more information about socket calls, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4057E**  
**Explanation:** Arg list too long (E2BIG)  
**System action:** The argument list for the call is too long.  
**Operator response:** None.

**System programmer response:** Correct the arguments to the call. Reinitiate the application.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4058E**  
**Explanation:** Exec format error (ENOEXEC)  
**System action:** The sequence of calls in the client or server program is incorrect. The socket call cannot be executed as written.  
**Operator response:** None.

**System programmer response:** Check the sequence of calls within the application program. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#).

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4059E**  
**Explanation:** Bad file number (EBADF)  
**System action:** The socket call fails. TCPIP continues.  
**Operator response:** None.

**System programmer response:** Correct the parameters of the appropriate socket call. See the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](#) for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

---

**EZY4060E**  
**Explanation:** No children (ECHILD)  
**System action:** TCPIP continues.  
**Operator response:** None.
EZY4061E • EZY4064E

System programmer response:
Module: TCPERROR
Procedure Name: tcperror

EZY4061E  No more processes (EAGAIN)
Explanation: There are no more processes queued to this connection.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: TCPERROR
Procedure Name: tcperror

EZY4062E  Not enough memory (ENOMEM)
Explanation: A memory allocation (malloc) call for an operation failed.
System action: The socket call fails. TCPIP continues.
Operator response: None.
System programmer response: Correct the parameters of the appropriate socket call. See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for information about System Error Return Codes.
If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.
Module: TCPERROR
Procedure Name: tcperror

EZY4063E  Permission denied (EACCES)
Explanation: The caller does not have the correct permissions to perform the requested operation.
System action: The request fails. TCPIP continues.
Operator response: None.
System programmer response: Correct the parameters of the appropriate socket call. See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for information about System Error Return Codes.
If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.
Module: TCPERROR
Procedure Name: tcperror

EZY4064E  Bad address (EFAULT)
Explanation: An incorrect storage address or length was specified in the socket call. The following list displays some of the possible function calls that might return this error value:

<table>
<thead>
<tr>
<th>Call</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>accept</td>
<td>Using ADDR and ADDRLEN would result in an attempt to copy the address into a portion of the caller’s address space into which information cannot be written.</td>
</tr>
<tr>
<td>bind</td>
<td>Using NAME and NAMELEN would result in an attempt to copy the address into a nonwritable portion of the caller’s address space.</td>
</tr>
</tbody>
</table>
Call | Explanation
---|---
connect | Using NAME and NAMELEN would result in an attempt to copy the address into a portion of the caller’s address space into which data cannot be written.
send | Using the MSG and LEN parameters would result in an attempt to access storage outside the caller’s address space.
takesocket | Using the CLIENTID parameter as specified would result in an attempt to access storage outside the caller’s address space.

System action: The socket call fails. TCPIP continues.

Operator response: None.

System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this to your application and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module: TCPERROR
Procedure Name: tcperror

---

EZY4065E  Block device required (ENOTBLK)

Explanation: An inappropriate kind of I/O device was specified for an operation.

System action: TCPIP continues.

Operator response: None.

System programmer response:

Module: TCPERROR
Procedure Name: tcperror

---

EZY4066E  Device busy (EBUSY)

Explanation: This message indicates that listen () has already been called for the socket.

System action: The socket call ends. TCPIP continues.

Operator response: None.

System programmer response: Correct or delete the givesocket() call. Retry the task.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module: TCPERROR
Procedure Name: tcperror

---

EZY4067E  File exists (EEXIST)

Explanation: The specified data set already exists. Your socket call would overwrite it.

System action: The socket call ends. TCPIP continues.

Operator response: None.

System programmer response: Change the write() call.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module: TCPERROR
**EZY4068E • EZY4071E**

**Procedure Name:** tcperror

---

**EZY4068E** Cross-device link (EXDEV)

**Explanation:** A socket call specified a cross-device link.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Respecify the parameters of the appropriate socket call to prevent the cross-device link.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

---

**EZY4069E** No such device (ENODEV)

**Explanation:** The device pointed to in the givesocket() does not exist.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the client ID parameter in the givesocket() call.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

---

**EZY4070E** Not a directory (ENOTDIR)

**Explanation:** The caller specified a non-directory in a directory operation.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the pointer in the socket call parameter.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

---

**EZY4071E** Is a directory (EISDIR)

**Explanation:** The caller specified a directory in a non-directory operation.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Correct the pointer in the socket call parameter.

**Module:** TCPERROR

---
EZY4072E  Invalid argument (EINVAL)

Explanation: The argument specified to the socket call was not valid. The nature of the error depends on the particular call that triggers it. The following list displays some of the possible function calls that might return this error value:

- **accept**
  - Listen was not called for this socket.
- **bind**
  - The socket is already bound to an address.
- **connect**
  - The specified name length is incorrect.
- **fcntl**
  - Incorrect flags were specified.
- **givesocket**
  - An incorrect client ID was entered.
- **ioctl**
  - The request is incorrect or not supported.
- **select**
  - One of the fields in the time-out structure is incorrect.
- **sendto**
  - The target address length is incorrect for the specified address family.
- **shutdown**
  - The shutdown condition is not 0, 1, or 2.
- **takesocket**
  - The specified client ID is incorrect.

System action: The socket call ends. TCPIP continues.

Operator response: None.

System programmer response: Use the information provided in the above table as a guide for the possible conditions under which this error value can occur. Apply this to your application and, correct the parameters of the appropriate socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com_SUPPORT/COMMUNICATIONS_SERVER/COMMUNICATIONS_SERVER_INDEX/COMMUNICATIONS_SERVER_INDEX).
EZY4075E  •  EZY4078E

Module:  TCPERROR
Procedure Name:  tcperror

---

EZY4075E  Inappropriate ioctl for device (ENOTTY)

Explanation:  An incorrect device call was specified in the cmd parameter of the ioctl() call.

System action:  The socket call closes. TCPIP continues.

Operator response:  None.

System programmer response:  Change or delete the ioctl() command for the device. For more information about the ioctl() call, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference

---

EZY4076E  Text file busy (ETXTBSY)

Explanation:  The text data set pointed to by the call is currently being written to by another process.

System action:  The socket call abends. TCPIP continues.

Operator response:  None.

System programmer response:  Retry the socket call.

---

EZY4077E  File too large (EFBIG)

Explanation:  The data set is too large. The operation caused the data set to grow beyond the server's limit.

System action:  The socket call ends. TCPIP continues.

Operator response:  None.

System programmer response:  Change the protocol or socket type specified in the socket() call. For more information about the socket() call, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference

---

EZY4078E  No space left on device (ENOSPC)

Explanation:  Insufficient storage exists on the target device to carry out the operation. The operation caused the server's file system to reach its limit.

System action:  The socket call abends. TCPIP continues.

Operator response:  None.

System programmer response:  Correct the len parameter of the send() call. For more information about the send() call, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference
EZY4079E  Illegal seek (ESPIPE)
Explanation:  The stream pipe specified in the socket call is not correct.
System action:  The socket call abends. TCPIP continues.
Operator response:  None.
System programmer response:  Correct the read() call parameters. For more information about the read() call, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference
Module:  TCPERROR
Procedure Name:  tcperror

EZY4080E  Read-only file system (EROFS)
Explanation:  Your application cannot write to the data set specified in the socket call. The data set resides on a read-only file system.
System action:  The socket call abends. TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  TCPERROR
Procedure Name:  tcperror

EZY4081E  Too many links (EMLINK)
Explanation:  The host connection queue is already full.
System action:  The call is bypassed. TCPIP continues.
Operator response:  None.
System programmer response:  Retry the call.
Module:  TCPERROR
Procedure Name:  tcperror

EZY4082E  Broken pipe (EPIPE)
Explanation:  One of the stream pipes used to redirect I/O in the socket call has failed.
System action:  The socket call abends. TCPIP continues.
Operator response:  None.
System programmer response:  Perform a SOCKET or IUCV trace to determine where the failure occurred. For more information, see z/OS Communications Server: IP Diagnosis Guide
Module:  TCPERROR
Procedure Name:  tcperror

EZY4083E  Argument too large (EDOM)
Explanation:  The parameter for the socket call was too large to be a valid argument to the call.
System action:  The socket call abends. TCPIP continues.
Operator response:  None.
System programmer response:  Correct the socket call parameter. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference
Module:  TCPERROR
Procedure Name: tcperror

EZY4084E  Result too large (ERANGE)
Explanation: The value returned by the socket call is out of the range of anticipated values.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Correct the socket call parameters as necessary and retry the call.
Module: TCPERROR
Procedure Name: tcperror

EZY4085E  Operation would block (EWOULDBLOCK)
Explanation: The meaning and severity of this message depend on the call that generates it. The following list displays some of the possible function calls that might return this error value:
accept The socket is in nonblocking mode and connections are not queued. This is not an error condition.
read recvfrom The socket is in nonblocking mode and read data is not available. This is not an error condition.
send sendto write The socket is in nonblocking mode and buffers are not available.
System action: The socket call is bypassed. TCPIP continues.
Operator response: None.
System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
Module: TCPERROR
Procedure Name: tcperror

EZY4086E  Operation now in progress (EINPROGRESS)
Explanation: The socket is marked nonblocking and the connection cannot be completed immediately. The following list displays some of the possible function calls that might return this error value:
connect The socket descriptor s is marked nonblocking, and the connection cannot be completed immediately. The EINPROGRESS value does not indicate an error condition.
System action: The socket call is bypassed. TCPIP continues.
Operator response: None.
System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
Module: TCPERROR
Procedure Name: tcperror

EZY4087E  Operation already in progress (EALREADY)
Explanation: The operation specified in the socket call is already in progress. The following list displays some of the possible function calls that might return this error value:
connect The socket descriptor s is marked nonblocking, and a previous connection attempt has not completed.

228 z/OS V1R11.0 Comm Svr: IP Messages Volume 3 (EZY)
maxdesc  Your program called maxdesc() after creating a socket, or after a previous call to maxdesc().

System action:  The socket call is closed. TCPIP continues.

Operator response:  None.

System programmer response:  Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module:  TCPERROR
Procedure Name:  tcperror

---

EZY4088E  Socket operation on non-socket (ENOTSOCK)

Explanation:  A socket operation was requested on a non-socket. The socket was incorrectly defined.

System action:  The socket call abends. TCPIP continues.

Operator response:  None.

System programmer response:  Correct the socket call parameters.

Module:  TCPERROR
Procedure Name:  tcperror

---

EZY4089E  Destination address required (EDESTADDRREQ)

Explanation:  A destination address is needed for the socket call to complete.

System action:  The socket call abends. TCPIP continues.

Operator response:  None.

System programmer response:  Add the destination address to the socket call. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module:  TCPERROR
Procedure Name:  tcperror

---

EZY4090E  Message too long (EMSGSIZE)

Explanation:  The message length specified in the sendto call is too large. The maximum is 32,767. The following list displays some of the possible function calls that might return this error value:

- sendmsg  The message was too big to be sent as a single datagram. The default is large-envelope-size.
- sendto  The message was too big to be sent as a single datagram. The default is large-envelope-size.

System action:  The socket call abends. TCPIP continues.

Operator response:  None.

System programmer response:  Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module:  TCPERROR
Procedure Name:  tcperror
EZY4091E  Protocol wrong type for socket (EPROTOTYPE)

Explanation:  The specified protocol is incorrect for this socket type.

System action:  The socket call abends. TCPIP continues.

Operator response:  None.

System programmer response:  Change the protocol parameter for the socket call. For more information, see
z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference

Module:  TCPERROR
Procedure Name:  tcperror

EZY4092E  Option not supported by protocol (ENOPROTOOPT)

Explanation:  The socket option specified is incorrect for the protocol type or the level is not SOL_SOCKET. The
following list displays some of the possible function calls that might return this error value:

- getsockopt  The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.
- setsockopt  The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.
- getibmsockopt  The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.
- setibmsockopt  The OPTNAME parameter is unrecognized, or the LEVEL parameter is not SOL_SOCKET.

System action:  The socket call ends. TCPIP continues.

Operator response:  None.

System programmer response:  Use the information provided in the table above as a guide to the conditions under
which this error can occur. Apply this information to your application, and correct the parameters of the appropriate
socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface
Guide and Reference

Module:  TCPERROR
Procedure Name:  tcperror

EZY4093E  Protocol not supported (EPROTONOSUPPORT)

Explanation:  The protocol specified in the socket call is not supported by the address domain or the socket type.
The following list displays some of the possible function calls that might return this error value:

- socket  The PROTOCOL is not supported in this domain, or this PROTOCOL is not supported for this socket type.

System action:  The socket call abends. TCPIP continues.

Operator response:  None.

System programmer response:  Use the information provided in the table above as a guide to the conditions under
which this error can occur. Apply this information to your application, and correct the parameters of the appropriate
socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface
Guide and Reference

Module:  TCPERROR
Procedure Name:  tcperror

EZY4094E  Socket type not supported (ESOCKTNOSUPPORT)

Explanation:  The socket type specified in the socket call is not supported.

System action:  The socket call ends. TCPIP continues.

Operator response:  None.

System programmer response:  Change the type parameter in the socket() call. For more information, see
z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference
Module: TCPERROR
Procedure Name: tcperror

**EZY4095E**  Operation not supported on socket (EOPNOTSUPP)

**Explanation:** The selected socket is not a stream socket. The following list displays some of the possible function calls that might return this error value:

- **accept**
  - The s parameter is not of type SOCK_STREAM.

- **givesocket**
  - The socket type is not SOCK_STREAM.

- **listen**
  - The s parameter is not a socket descriptor that supports the listen() call.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com).
EZY4098E  Address already in use (EADDRINUSE)

Explanation: The bind() call cannot bind the address specified to the socket with descriptor s because the address is already in use. The following table displays some of the possible function calls that might return this error value:

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bind</td>
<td>The address is already in use. See the SO_REUSEADDR option described under getsockopt() and the SO_REUSEADDR option described under setsockopt() in the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for more information. This error will also occur if the port specified on the bind has been configured as RESERVED in a TCP/IP profile port reservation statement.</td>
</tr>
</tbody>
</table>

System action: The socket call abends. TCPIP continues.

Operator response: None.

System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module: TCPERROR

Procedure Name: tcperror

EZY4099E  Can't assign requested address (EADDRNOTAVAIL)

Explanation: Either the address specified in the socket call is incorrect for the bind() call or the calling host cannot reach the address specified in the connect() call. The following list displays some of the possible function calls that might return this error value:

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>bind</td>
<td>The address specified is not valid on this host. For example, the internet address does not specify a valid network interface.</td>
</tr>
<tr>
<td>connect</td>
<td>The calling host cannot reach the specified destination.</td>
</tr>
</tbody>
</table>

System action: The socket call abends. TCPIP continues.

Operator response: None.

System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters for the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module: TCPERROR

Procedure Name: tcperror

EZY4100E  Network is down (ENETDOWN)

Explanation: The host network is down.

System action: The socket call abends. TCPIP continues.

Operator response: None.

System programmer response: Retry the application when the host network restarts.

Module: TCPERROR

Procedure Name: tcperror
EZY4101E  Network is unreachable (ENETUNREACH)
Explanation: The network of the address specified in the name parameter of the connect() call cannot be reached from this host. The following list displays some of the possible function calls that might return this error value:
bind The network cannot be reached from this host.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
Module: TCPERROR
Procedure Name: tcperror

EZY4102E  Network dropped connection on reset (ENETRESET)
Explanation: The connection was dropped when the socket was reset.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Retry the socket call.
Module: TCPERROR
Procedure Name: tcperror

EZY4103E  Software caused connection abort (ECONNABORTED)
Explanation: The application program caused the connection to abend.
System action: The socket call ends. TCPIP continues.
Operator response: None.
System programmer response: Use sock_debug() to determine why the connection abended. For more information about tracing and debugging socket calls, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
Module: TCPERROR
Procedure Name: tcperror

EZY4104E  Connection reset by peer (ECONNRESET)
Explanation: If a stream socket is closed by the remote process while there is input data queued, the TCP connection is reset rather than being cleanly closed.
System action: The connection is reset.
Operator response: None.
System programmer response: The socket call is suspended.
Module: TCPERROR
Procedure Name: tcperror
EZY4105E  No buffer space available (ENOBUFS)

Explanation:  The specific meaning of this message depends on the call that triggers it. The following list displays some of the possible function calls that might return this error value:

<table>
<thead>
<tr>
<th>Call</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>all</td>
<td>No buffer space is available.</td>
</tr>
<tr>
<td>accept</td>
<td>Not enough buffer space is available to create</td>
</tr>
<tr>
<td></td>
<td>the new socket.</td>
</tr>
<tr>
<td>send sendto write</td>
<td>Not enough buffer space is available to</td>
</tr>
<tr>
<td></td>
<td>send the new message.</td>
</tr>
<tr>
<td>takesocket</td>
<td>There is a socket control block (SCB) or socket</td>
</tr>
<tr>
<td></td>
<td>interface control block (SKCB) shortage in the</td>
</tr>
<tr>
<td></td>
<td>TCPIP address space.</td>
</tr>
</tbody>
</table>

System action:  The socket call ends. TCPIP continues.

Operator response:  None.

System programmer response:  Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module:  TCPERROR

Procedure Name:  tcperror

EZY4106E  Socket is already connected (EISCONN)

Explanation:  The socket specified by the socket descriptor, s, in the connect() call is already in use. The following list displays some of the possible function calls that might return this error value:

<table>
<thead>
<tr>
<th>Call</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>connect</td>
<td>The socket descriptor s is already connected.</td>
</tr>
</tbody>
</table>

System action:  The socket call continues.

Operator response:  None.

System programmer response:  Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module:  TCPERROR

Procedure Name:  tcperror

EZY4107E  Socket is not connected (ENOTCONN)

Explanation:  The socket specified by the descriptor, d, in the givesocket() call is not connected. The following list displays some of the possible function calls that might return this error value:

<table>
<thead>
<tr>
<th>Call</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>getpeername</td>
<td>The socket is not in the connected state.</td>
</tr>
<tr>
<td>givesocket</td>
<td>The socket is not connected.</td>
</tr>
</tbody>
</table>

System action:  The call is unsuccessful.

Operator response:  None.

System programmer response:  Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

Module:  TCPERROR

Procedure Name:  tcperror
EZY4108E  Can't send after socket shutdown (ESHUTDOWN)
Explanation: A send() call cannot be carried out after a shutdown() call.
System action: The socket call fails. TCPIP continues.
Operator response: None.
System programmer response: Rewrite the socket call so that the shutdown() follows the send(). The only call that can follow the shutdown() is the close() for the socket.
Module: TCPErrOR
Procedure Name: tcperror

EZY4109E  Too many references: can't splice (ETOOMANYREFS)
Explanation: A socket call had too many references. The splice could not be completed.
System action: The socket call fails. TCPIP continues.
Operator response: None.
System programmer response: Rewrite the socket call to reduce the number of references.
Module: TCPErrOR
Procedure Name: tcperror

EZY4110E  Connection timed out (ETIMEDOUT)
Explanation: The connection time to live expired before the socket call was completed. The following list displays some of the possible function calls that might return this error value:
connect The connection establishment timed out before a connection was made.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
Module: TCPErrOR
Procedure Name: tcperror

EZY4111E  Connection refused (ECONNREFUSED)
Explanation: The connection request was rejected by the remote server. The following table displays some of the possible function calls that might return this error value:
connect The connection request was rejected by the destination host.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Use the information provided in the table above as a guide to the conditions under which this error can occur. Apply this information to your application, and correct the parameters of the appropriate socket call. For more information, see the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
Module: TCPErrOR
Procedure Name: tcperror
### EZY4112E  •  EZY4113E

**EZY4112E  •  Too many levels of symbolic links (ELOOP)**

**Explanation:** A pointer for a socket call parameter has too many levels of symbolic links for TCP to handle the call.

**System action:** The socket call ends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Redefine the pointer for the socket call parameter in such a way that it has fewer levels of symbolic links.

**Module:** TCPERROR

**Procedure Name:** tcperror

### EZY4113E  •  File name too long (ENAMETOOLONG)

**Explanation:** The data set name pointed to by the socket call is too long to be handled by TCPIP. The maximum number of characters is 248.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Change the pointer for the socket call parameter so that the data set pointed to has a shorter name.

**Module:** TCPERROR

**Procedure Name:** tcperror

### EZY4114E  •  Host is down (EHOSTDOWN)

**Explanation:** The host machine is down.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Retry the call after the host restarts.

**Module:** TCPERROR

**Procedure Name:** tcperror

### EZY4115E  •  Host is unreachable (EHOSTUNREACH)

**Explanation:** A connection to the host machine cannot be established.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.

**System programmer response:** Ensure that there is a network path to the specified host and that the host name is valid. If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. The traces will provide more information about the internal operations of socket functions and might suggest a reason for the error, or yield some better insight into the chronology of events leading up to the error. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

**Module:** TCPERROR

**Procedure Name:** tcperror

### EZY4116E  •  Directory not empty (ENOTEMPTY)

**Explanation:** The caller attempted to remove a directory that was not empty.

**System action:** The socket call abends. TCPIP continues.

**Operator response:** None.
EZY4117E  
Too many processes (EPROCLIM)  
Explanation:  Too many processes are running on the system.  
System action:  The socket call abends. TCPIP continues.  
Operator response:  None.  
System programmer response:  Rewrite the socket call so as to close some of the active processes. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.  
Module:  TCPERROR  
Procedure Name:  tcperror

EZY4118E  
Too many users (EUSERS)  
Explanation:  Too many users are on the system.  
System action:  The socket call abends. TCPIP continues.  
Operator response:  None.  
System programmer response:  Retry the socket call.  
Module:  TCPERROR  
Procedure Name:  tcperror

EZY4119E  
Disc quota exceeded (EDQUOT)  
Explanation:  The client’s disk quota on the server has been exceeded.  
System action:  The socket call abends. TCPIP continues.  
Operator response:  None.  
System programmer response:  Change the len parameter of the write() call. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.  
Module:  TCPERROR  
Procedure Name:  tcperror

EZY4120E  
Stale NFS file handle (ESTALE)  
Explanation:  The Network File System (NFS) is unable to mount the MVS data set because the file handle that points to the data set no longer exists, or access to it has been revoked. Under NFS, each data set is referenced by the client through a file handle, which is a 32-bit identifier field.  
System action:  The socket call abends. TCPIP continues.  
Operator response:  None.  
System programmer response:  Use the MOUNT command to update the data set handle. For more information about NFS, see MVS/DFP Version 3 Release 3 Customizing and Operating the Network File System Server.  
Module:  TCPERROR  
Procedure Name:  tcperror
EZY4121E  Too many levels of remote in path (EREMOTE)
Explanation:  The address structure pointed to by the socket call has too many levels of remote qualifiers.
System action:  The socket call abends. TCPIP continues.
Operator response:  None.
System programmer response:  Modify the address or name parameter for the socket call. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference
Module:  TCERROR
Procedure Name:  tcperror

EZY4122E  Not a stream device (ENOSTR)
Explanation:  A stream socket type was declared in the socket() call, but the remote device cannot transfer stream data.
System action:  The socket call abends. TCPIP continues.
Operator response:  None.
System programmer response:  Change the socket type to SOCK_DGRAM in the socket() call. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference
Module:  TCERROR
Procedure Name:  tcperror

EZY4123E  Timer expired (ETIME)
Explanation:  The timer for the socket call expired. The maximum interval to wait for completion was exceeded.
System action:  The socket call ends. TCPIP continues.
Operator response:  None.
System programmer response:  If this message recurs, modify the timeout parameter of the select() call or change it to a NULL pointer. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference
Module:  TCERROR
Procedure Name:  tcperror

EZY4124E  Out of stream resources (ENOSR)
Explanation:  No stream sockets are available to service the socket call.
System action:  The socket call abends. TCPIP continues.
Operator response:  None.
System programmer response:  Retry the client application.
Module:  TCERROR
Procedure Name:  tcperror

EZY4125E  No message of desired type (ENOMSG)
Explanation:  There is no message of the correct data type for the socket.
System action:  TCPIP continues.
Operator response:  None.
System programmer response:  None.
Module:  TCERROR
Procedure Name: tcperror

EZY4126E  Not a data message (EBADMSG)
Explanation: The message is a system or network control message.
System action: TCPIP continues.
Operator response: None.
System programmer response: None.
Module: TCERROR
Procedure Name: tcperror

EZY4127E  Identifier removed (EIDRM)
Explanation: The access identifier for the file or data set has been removed.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Use the mkpriv command to define the user privilege for the data set.
Module: TCERROR
Procedure Name: tcperror

EZY4128E  Deadlock situation detected/avoided (EDEADLK)
Explanation: A deadlock, the condition that occurs when multiple processes are waiting for the availability of a resource that will not become available because it is held by another process that is in a similar wait state, was detected.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. Review the trace output to determine why the deadlock occurred. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.
Module: TCERROR
Procedure Name: tcperror

EZY4129E  No record locks available (ENOLCK)
Explanation: The host system does not provide for the locking of data sets.
System action: The socket call continues.
Operator response: None.
System programmer response: None.
Module: TCERROR
Procedure Name: tcperror

EZY4130E  Machine is not on the network (ENONET)
Explanation: The machine specified in the socket call is not on the host network.
System action: The socket call abends. TCPIP continues.
Operator response: None.
EZY4131E • EZY4134E

System programmer response: Verify the address information in the socket call and modify as necessary.
Module: TCPERROR
Procedure Name: tcerror

EZY4131E Object is remote (EREMOTE)
Explanation: The data set or disk specified is not on the local network.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Correct the address pointer in the socket call. For more information, see [z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference](https://www.ibm.com/servers/resourcelink/gph.nsf/sitesearch?openDocument&docname=PH27-1279&context=000000&language=en&source=ipmsg&module=ipmsg&version=v3&osplatform=v1r11). If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.
Module: TCPERROR
Procedure Name: tcerror

EZY4132E The link has been severed (ENOLINK)
Explanation: The physical connection linking the sockets has been broken at some point.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Retry the socket call.
Module: TCPERROR
Procedure Name: tcerror

EZY4133E Advertise error (EADV)
Explanation: The path specified in the adv (advertise) or share command is incorrect, and the data set, file, or disk cannot be accessed.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Verify the correct resource name and pathname. Reinitialize the socket call.
Module: TCPERROR
Procedure Name: tcerror

EZY4134E Srmount error (ESRMNT)
Explanation: An error occurred when the Network File System (NFS) server attempted to place the remote file system in the user's data set hierarchy.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Use the mount command (# mount) to mount the remote resource. When you mount a remote resource, it stays mounted only during the current session.
Module: TCPERROR
Procedure Name: tcerror
EZY4135E  Communication error on send (ECOMM)
Explanation: A communication error has occurred on a send() call.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: If the error can be reproduced, set trace socket to active in the TCPIP.DATA configuration file and rerun the application. Review the trace output to determine why the error occurred. If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.
Module: TCPERROR
Procedure Name: tcperror

EZY4136E  Protocol error (EPROTO)
Explanation: A protocol error was detected for the socket call.
System action: The socket call abends. TCPIP continues.
Operator response: None.
System programmer response: Re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.
Module: TCPERROR
Procedure Name: tcperror

EZY4137E  Multihop attempted (EMULTIHOP)
Explanation: The socket call specified a multihop address link. That is, it specified a connection path that omitted some routing information.
System action: The socket call is bypassed.
Operator response: None.
System programmer response: Correct the address parameters for the socket call. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.
If you are still unable to determine the cause of the problem, re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.
Module: TCPERROR
Procedure Name: tcperror

EZY4138E  Cross mount point (not an error) (EDOTDOT)
Explanation: The file system is mounted from a remote machine.
System action: The socket call continues.
Operator response: None.
System programmer response: None.
Module: TCPERROR
Procedure Name: tcperror
EZY4139E  Remote address changed (EREMCHG)

Explanation:  The remote address specified in the socket call has changed.

System action:  The socket call ends. TCPIP continues.

Operator response:  None.

System programmer response:  Verify the remote address and correct the address parameters of the socket call.

Module:  TCPERROR

Procedure Name:  tcperror

EZY4195E  Arg list too long (E2BIG)

Explanation:  The argument list for the call is too long.

System action:  The socket call fails. TCPIP continues.

Operator response:  None.

System programmer response:  Correct the arguments to the call. Reinitiate the application.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module:  TCPERROR

Procedure Name:  tcperror

EZY4196E  Invalid argument (EINVAL)

Explanation:  The argument specified to the socket call was not valid. The nature of the error depends on the particular call that triggers it. The following list displays some of the possible function calls that might return this error value:

<table>
<thead>
<tr>
<th>Call</th>
<th>Explanation</th>
</tr>
</thead>
<tbody>
<tr>
<td>accept</td>
<td>Listen was not called for this socket.</td>
</tr>
<tr>
<td>bind</td>
<td>The socket is already bound to an address.</td>
</tr>
<tr>
<td>connect</td>
<td>The specified name length is incorrect.</td>
</tr>
<tr>
<td>fcntl</td>
<td>Incorrect flags were specified.</td>
</tr>
<tr>
<td>givesocket</td>
<td>An incorrect client ID was entered.</td>
</tr>
<tr>
<td>ioctl</td>
<td>The request is incorrect or not supported.</td>
</tr>
<tr>
<td>select</td>
<td>One of the fields in the time-out structure is incorrect.</td>
</tr>
<tr>
<td>sendto</td>
<td>The target address length is incorrect for the specified address family.</td>
</tr>
<tr>
<td>shutdown</td>
<td>The shutdown condition is not 0, 1, or 2.</td>
</tr>
<tr>
<td>takesocket</td>
<td>The specified client ID is incorrect.</td>
</tr>
</tbody>
</table>

System action:  The socket call ends. TCPIP continues.

Operator response:  None.

System programmer response:  Use the information provided in the above table as a guide for the possible conditions under which this error value can occur. Apply this to your application and, correct the parameters of the appropriate socket call. For more information, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference

Module:  TCPERROR

Procedure Name:  tcperror
EZY4197E  Bad file number (EBADF)

Explanation:  An invalid argument to the socket call was specified. The nature of the error depends on the particular call that triggers it.

System action:  The socket call fails. TCPIP continues.

Operator response:  None.

System programmer response:  Correct the parameters of the appropriate socket call. See the z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference for information about System Error Return Codes.

If you are still unable to determine the cause of the problem, re-create the problem with CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module:  TCPERROR

Procedure Name:  tcperror

EZY4198E  Last IUCV call (IUCV call) returned error number

Explanation:  This message displays the error number returned from the IUCV call. It is usually followed by a message in the range of EZY3950X–EZY3978X that explains the IUCV error.

System action:  The system action depends on the nature of the message that follows this one. For more information, see that specific message number.

Operator response:  None.

System programmer response:  The system action depends on the nature of the message that follows this one. For more information, see that specific message number.

Module:  TCPERROR

Procedure Name:  tcperror

EZY4199E  Unknown errno value=error number

Explanation:  The error number displayed is not recognized as one of the values used by TCPIP to report an error condition. For more information about system error codes, see z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference.

System action:  TCPIP continues.

Operator response:  None.

System programmer response:  Re-create the problem with the CTRACE option SOCKET active. Contact the IBM Software Support Center with the original message and the traces.

Module:  TCPERROR

Procedure Name:  tcperror

EZY4200E  CallTransform ConvType Error : conversion_type

Explanation:  The conversion type found does not match supported values (1–8). The supported values are:

<table>
<thead>
<tr>
<th>Value</th>
<th>Conversion Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SJISKANJI</td>
</tr>
<tr>
<td>2</td>
<td>JIS83KS</td>
</tr>
<tr>
<td>3</td>
<td>JIS78KJ</td>
</tr>
<tr>
<td>4</td>
<td>DECKANJI</td>
</tr>
<tr>
<td>5</td>
<td>EUCKANJI</td>
</tr>
<tr>
<td>6</td>
<td>KSC5601</td>
</tr>
<tr>
<td>7</td>
<td>HANGUEL</td>
</tr>
<tr>
<td>8</td>
<td>TCHINESE</td>
</tr>
</tbody>
</table>

System action:  Control is returned to the TNSTMAS routine, where the session is terminated.
EZY4201E • EZY4204E

Operator response: Restart the session, specifying a valid conversion type.

System programmer response: None.

Module: TNDTRSVB

Procedure Name: TnDbcsTm

EZY4201E CallTransform Verb Error. Verb : Verb

Explanation: The verb specified in the configuration data set does not match the supported options. The supported options are: TERMINIT, CHEKTYPE, ASKTTYPE, TTYHELLO, MAPTOASC, GRFTOMAP, MAPTOGRF, ASCTOMAP, BREAKKEY, TTLOGOFF, TTYGDBYE, SHUTDOWN, and SIMCHECK.

System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −4.

Operator response: Notify the system programmer of the error.

System programmer response: Correct the configuration data set to specify a proper verb from the list above. For more information on configuring the Telnet server, see z/OS Communications Server: IP Configuration Reference.

Module: TNDTRSVB

Procedure Name: TnDbcsTm

EZY4202E CALLTRANSFORM Terminal Id Error. Id : Term_Id

Explanation: The terminal ID was found to be outside expected range. It is either negative or greater than the maximum number of Telnet server connections. The return code is set to −5.

System action: Control is returned to the TNSTMAS routine, where the session is terminated.

Operator response: Notify the system programmer of the error.

System programmer response: Make sure that the terminal ID is properly specified. For more information, see z/OS Communications Server: IP Configuration Reference.

Module: TNDTRSVB

Procedure Name: TnDbcsTm

EZY4203E TNDBCSTM - Telnet DBCS Transform Mode - ERRLOG DDname not found - TNDBCSER.

Explanation: The Telnet server was unable to allocate ddname TNDBCSER. This is where all error messages for TELNET 3270 DBCS transform are written.

System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −1.

Operator response: Notify the system programmer of the error.

System programmer response: Update the JCL or TCPIP procedure to include TNDBCSER.

Module: TNDTRSVB

Procedure Name: Simcheck

EZY4204E TNDBCSTM - Telnet DBCS Transform Mode - Config DDName not found - TNDBCSCN

Explanation: The Telnet server was unable to allocate ddname TNDBCSCN. This is the TELNET 3270 DBCS transform configuration data set.

System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −99.

Operator response: None.

System programmer response: Update the JCL or TCPIP procedure to include TNDBCSCN.

Module: TNDTRSVB
Procedure Name: Simcheck

EZY4206I IBM TCP/IP TELNET SERVER DBCS SERVICE START AT time ON date
Explanation: This message indicates the time and date at which the Telnet session started.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDTRSB
Procedure Name: TTYHELLO

EZY4207E TTYHELLO CodeConversion error. rc : rc
Explanation: An error was encountered in the Code Conversion routine used to convert message EZY4206I during a call to the procedure TTYHELLO. The return code in this message indicates the offset in the current input buffer at which the error occurred. This message is written to the error log.
System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −2.
Operator response: None.
System programmer response: Check the input data to determine why this error occurred.
Module: TNDTRSB
Procedure Name: TTYHELLO

EZY4208E TTYHELLO Terminal Id error. id : terminal_id
Explanation: This message is written to the error log. The terminal ID was found to be outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.
System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −3.
Operator response: None.
System programmer response: Make sure that the terminal ID is properly specified. For more information, see z/OS Communications Server: IP Configuration Reference.
Module: TNDTRSB
Procedure Name: TTYHELLO

EZY4209E TTYHELLO portno empty.
Explanation: This message is written to the error log. There is no free port number. The Telnet server exits.
System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −4.
Operator response: None.
System programmer response: Make sure that the TCPIP configuration data set contains a valid PORT statement for the Telnet server. For more information, see z/OS Communications Server: IP Configuration Reference.
Module: TNDTRSB
Procedure Name: TTYHELLO
EZY4210I  KEY-IN YOUR TERMINAL TYPE & CONVERSION TYPE:
Explanation: This message prompts the user to enter the terminal type being used and the conversion type wanted.
System action: Telnet continues.
Operator response: Enter your terminal type and conversion type.
System programmer response: None.
Module: TNDTRSVB
Procedure Name: ASKTTYPE,CHEKTYPE

EZY4211E  ASKTTYPE CodeConversion error. rc : rc
Explanation: This message is written to the error log. A code conversion error occurred during a call to the procedure ASKTTYPE. The return code in this message displays the offset in the current input buffer at which the error occurred.
System action: Control is returned to the TNSMAS routine, where the session is terminated. The return code is set to −2.
Operator response: None.
System programmer response: Check the input data to determine why this error occurred, and respond as indicated.
Module: TNDTRSVB
Procedure Name: ASKTTYPE

EZY4212E  ASKTTYPE portno not found. portno : port_number
Explanation: This message is written to the error log. A free port number was not found.
System action: Control is returned to the TNSMAS routine, where the session is terminated. The return code is set to −1.
Operator response: Notify the system programmer of the error.
System programmer response: Make sure that the TCPIP configuration data set contains a valid PORT statement for the Telnet server. For more information, see the z/OS Communications Server: IP Configuration Reference.
Module: TNDTRSVB
Procedure Name: ASKTTYPE

EZY4213E  ASKTTYPE Terminal Id error. Id : terminal_ID
Explanation: This message is written to the error log. The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.
System action: Control is returned to the TNSMAS routine, where the session is terminated. Return code is set to −3.
Operator response: Notify the system programmer of the error.
System programmer response: Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see z/OS Communications Server: IP Configuration Reference.
Module: TNDTRSVB
Procedure Name: ASKTTYPE
EZY4214E  UNKNOWN TERMINAL TYPE.
Explanation: The user specified an unsupported terminal type. The supported options are TTY, VT100, and VT282.
System action: No Telnet session is established. TCPIP continues.
Operator response: Enter a valid terminal type.
System programmer response: None.
Module: TNDTRSVB
Procedure Name: CHEKTYPE

EZY4215E  CHEKTYPE CodeConversion error. rc : rc
Explanation: A code conversion error occurred during a call to the procedure CHEKTYPE. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.
System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −2.
Operator response: None.
System programmer response: Check the input data to determine why this error occurred.
Module: TNDTRSVB
Procedure Name: CHEKTYPE

EZY4216E  UNKNOWN CONVERSION TYPE.
Explanation: The user entered an unsupported conversion type. Supported values are: SFJ, J8N J8O, DEC, EUC, KSH, HAN, and TCH.
System action: No Telnet session is established. TCPIP continues.
Operator response: Enter a valid conversion type.
System programmer response: None.
Module: TNDTRSVB
Procedure Name: CHEKTYPE

EZY4217E  UNKNOWN TERMINAL & CONVERSION TYPE.
Explanation: The user entered an unsupported terminal type and an unsupported conversion type. Supported Conversion types are SFJ, J8N J8O, DEC, EUC, KSH, HAN, and TCH. Supported Terminal types are TTY, VT100, or VT282.
System action: No Telnet session is established. Telnet continues.
Operator response: Enter a valid terminal type and valid conversion type.
Module: TNDTRSVB
Procedure Name: CHEKTYPE

EZY4218E  CHEKTYPE Terminal Id error. Id : terminal_ID
Explanation: The terminal ID was outside expected range. It is either negative or greater than the maximum number of Telnet server connections.
System action: Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −3.
Operator response: Notify the system programmer of the error.
System programmer response: Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see z/OS Communications Server: IP Configuration Reference.
EZY4219E  •  EZY4223E

Module:  TNDTRSVB
Procedure Name:  CHEKTYPE

EZY4219E  TERMINIT data allocation error.

Explanation:  A nonzero return code was received from the subroutine DtAlloc, which is used to allocate storage for Telnet data. An attempt was made to allocate a data buffer the size of SIMDATASIZE for conversion codes. The return code is set to −5.

System action:  Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −5.

Operator response:  Notify the system programmer of the error.

System programmer response:  Make sure that enough storage is available to Telnet to allocate this data set.

Module:  TNDTRSVB
Procedure Name:  TERMINIT

EZY4220E  TERMINIT address table error. data: address_table

Explanation:  The address table is expected to be 0 prior to allocation. This is not the case. Storage might not have been freed.

System action:  Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −6.

Operator response:  Notify the system programmer of the error.

System programmer response:  Flush the address table and restart Telnet.

Module:  TNDTRSVB
Procedure Name:  TERMINIT

EZY4221E  TERMINIT Terminal Id error. Id: terminal_ID

Explanation:  The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action:  Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −3.

Operator response:  Notify the system programmer of the error.

System programmer response:  Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see z/OS Communications Server: IP Configuration Reference.

Module:  TNDTRSVB
Procedure Name:  TERMINIT

EZY4223E  MAPTOGRF Terminal Id error. Id: terminal_ID

Explanation:  The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action:  Control is returned to the TNSTMAS routine, where the session is terminated. The return code is set to −3.

Operator response:  Notify the system programmer of the error.

System programmer response:  Make sure that the terminal identifier is properly specified in the TCPIP configuration data set. For more information, see z/OS Communications Server: IP Configuration Reference.

Module:  TNDTRSVB
Procedure Name:  MAPTOGRF
EZY4225I +++ MAPTOGRF +++

EZY4226E Abnormal data in TransfTermFlag

Explanation: This message is written to the error log. The variable TransfTermFlag is not an expected value. The following are expected values: READPAT, READMODA, READMOD, READBUFF.

System action: TransfTermBufl is reset to zero. Processing continues.

Operator response: None.

System programmer response: None.

Module: TNDTRSVB

Procedure Name: MAPTOGRF

EZY4225I +++ MAPTOGRF +++

EZY4227I TransfTermFlag : TransfTerm Flag

EZY4228I Output Data Length : TransfTerm Buffer length

EZY4229I Output Data Term Buffer

Explanation: These messages are written to the error log. These messages display internal trace information.

System action: Telnet continues.

Operator response: None.

System programmer response: None.

Module: TNDTRSVB

Procedure Name: MAPTOGRF

EZY4230I +++ GRFTOMAP +++ RCV DATA LENGTH = length

Explanation: The function GRFTOMAP, which is used to map conversion characters, is starting. This message is displayed if the TRACE option is specified.

System action: Telnet continues.

Operator response: None.

System programmer response: None.

Module: TNDTRSVB

Procedure Name: GRFTOMAP

EZY4231I +++ GRFTOMAP +++ RCV DATA TBUFF

Explanation: This message is displayed if the TRACE option is specified. This message displays trace information from the function GRFTOMAP, which is used to map conversion characters. Valid values are:
- EW, EWA--> Erase/Write order
- WRT--> Write order
- EAU--> Erase unprotected area
- RB--> Read Buffer
- RM--> Read modify
- RMA--> Read modify all
- WSF--> Write structured field

System action: Telnet continues.
EZY4232I • EZY4235I

Operator response: None.
System programmer response: None.
Module: TNDTRSVB
Procedure Name: GRFTOMAP

EZY4232I  EWorder EXEC LENGTH = Dleng
Explanation: This message occurs during processing of the ERASE/WRITE internal 3270 order. If Dleng is negative, sense code 08002 is set, indicating an ERASE/WRITE or ERASE/WRITE alternate command. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: Fix the user program and retry it.
Module: TNDTRSVB
Procedure Name: GRFTOMAP

EZY4233I  WRTorder EXEC LENGTH = Dleng
Explanation: This message occurs during processing of the WRITE internal 3270 order. If Dleng is negative, sense code 08003 is set, indicating insufficient data in the WRITE command. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: Fix the user program and retry it.
Module: TNDTRSVB
Procedure Name: GRFTOMAP

EZY4234I  EAUorder EXEC
Explanation: This message occurs during processing of the ERASE internal 3270 order. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDTRSVB
Procedure Name: GRFTOMAP

EZY4235I  RBorder EXEC
Explanation: This message occurs during processing of the Read Buffer internal 3270 order. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDTRSVB
Procedure Name: GRFTOMAP
EZY4236I  RMorder EXEC
Explanation:  This message occurs during processing of the Read Modify internal 3270 order. This message is displayed if the TRACE option is specified.
System action:  Telnet continues.
Operator response:  None.
System programmer response:  None.
Module:  TNDTRSVB
Procedure Name:  GRFTOMAP

EZY4237I  RMAllorder EXEC
Explanation:  This message occurs during processing of the Read Modify All internal 3270 order. This message is displayed if the TRACE option is specified.
System action:  Telnet continues.
Operator response:  None.
System programmer response:  None.
Module:  TNDTRSVB
Procedure Name:  GRFTOMAP

EZY4238I  WSForder EXEC LENGTH = length
Explanation:  This message occurs during processing of the Write Structured Field internal 3270 order. This message is displayed if the TRACE option is specified.
System action:  Telnet continues.
Operator response:  None.
System programmer response:  None.
Module:  TNDTRSVB
Procedure Name:  GRFTOMAP

EZY4240E  ++ GRFTOMAP ABNORMAL END !! ++ : SCode : NAddr SenseCode, ComBuffer Buffer Address ComBuffer.DataBuffer ComBuffer.AttrBuffer
Explanation:  An error was encountered in the function GRFTOMAP, which is used to map conversion characters. The return code is set to -1.
System action:  Telnet continues.
Operator response:  Notify the system programmer of the error.
System programmer response:  Use the sense code displayed in this message and the list of sense codes in the z/OS Communications Server: IP User's Guide and Commands to determine the cause of the error, and respond as indicated.
Module:  TNDTRSVB
Procedure Name:  GRFTOMAP

EZY4242E  TELNET SERVER ERROR. SENSE CODE : SenseCode
Explanation:  An error has been found during processing. The associated Sense code is printed. A list of the sense codes can be found in the z/OS Communications Server: IP User's Guide and Commands.
System action:  Telnet continues.
Operator response:  Notify the system programmer of the error.
EZY4243I • EZY4246E

System programmer response: Use the sense code displayed in this message and the list of sense codes in the
Communications Server: IP User's Guide and Commands to determine the cause of the error and respond as indicated.

Module: TNDTRSVB
Procedure Name: TTYGDBYE

EZY4243I IBM TCP/IP TELNET SERVER DBCS SERVICE END AT time ON date

Explanation: This message displays the time and date at which the Telnet session ended.

System action: Telnet ends normally. TCPIP continues.

Operator response: None.

System programmer response: None.

Module: TNDTRSVB
Procedure Name: TTYGDBYE

EZY4244E TTYGDBYE CodeConversion error. rc: rc

Explanation: A code conversion error occurred during a call to the procedure TTGDBYE. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

System action: Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to −2.

Operator response: None.

System programmer response: Check the input data to determine why the error occurred.

Module: TNDTRSVB
Procedure Name: TTYGDBYE

EZY4245E TTYGDBYE portno not found. portno : port number

Explanation: The indicated port number was not found.

System action: Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to −1.

Operator response: Reissue the TELNET command specifying a valid port number. For more information about the TELNET command, see the Communications Server: IP User's Guide and Commands.

System programmer response: If the error persists, make sure that the TCPIP configuration data set for the client contains a valid PORT statement for the Telnet server. For more information, see the Communications Server: IP Configuration Reference.

Module: TNDTRSVB
Procedure Name: TTYGDBYE

EZY4246E TTYGDBYE Terminal Id error. id : terminal ID

Explanation: The terminal ID was outside the expected range. It is either negative or greater than the maximum number of Telnet server connections.

System action: Control is returned to the calling routine TNSTMAS and the session is terminated. The return code is set to −3.

Operator response: Notify the system programmer of the error.

System programmer response: Make sure that the terminal identifier is properly specified in the client's TCPIP configuration data set. For more information, see the Communications Server: IP Configuration Reference.

Module: TNDTRSVB
Procedure Name: TTYGDBYE
EZY4300I  ***** WRTorder DATA LENGTH = length

Explanation:  This message displays the length of data being passed to the function WRTorder, which is used to write data to the terminal. This message is displayed if the TRACE option is specified.

System action:  Telnet continues.

Operator response:  None.

System programmer response:  None.

Module:  TND3270

Procedure Name:  WRTorder

EZY4301I  ############### SFsbuodr EXEC

Explanation:  This message displays trace information indicating that the user is currently in the Start Field branch of a case statement. This message is displayed if the TRACE option is specified.

System action:  Telnet continues.

Operator response:  None.

System programmer response:  None.

Module:  TND3270

Procedure Name:  WRTorder

EZY4302I  ############### SFEsbuodr EXEC

Explanation:  This message displays trace information indicating that the user is currently in the Start Field Extent branch of a case statement. This message is displayed if the TRACE option is specified.

System action:  Telnet continues.

Operator response:  None.

System programmer response:  None.

Module:  TND3270

Procedure Name:  WRTorder

EZY4303I  ############### MFsbuodr EXEC

Explanation:  The user is in the Modify Field branch of a case statement. This message is displayed if the TRACE option is specified.

System action:  Telnet continues.

Operator response:  None.

System programmer response:  None.

Module:  TND3270

Procedure Name:  WRTorder

EZY4304I  ############### SBAsbuodr EXEC

Explanation:  The user is in the Set Buffer Address branch of a case statement. This message is displayed if the TRACE option is specified.

System action:  Telnet continues.

Operator response:  None.

System programmer response:  None.

Module:  TND3270
EZY4305I • EZY4309I

Procedure Name: WRTorder

EZY4305I  ****************** ICsbuodr EXEC
Explanation: The user is in the Insert Cursor branch of a case statement. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WRTorder

EZY4306I  ****************** PTsbuodr EXEC
Explanation: The user is in the Program Tab branch of a case statement. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WRTorder

EZY4307I  ****************** RAsbuodr EXEC
Explanation: The user is in the Repeat Address branch of a case statement. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WRTorder

EZY4308I  ****************** EUAsbuodr EXEC
Explanation: The user is in the Erase Unprotected to Address branch of a case statement. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WRTorder

EZY4309I  SA EXEC
Explanation: This message occurs during processing of the Set Attribute internal 3270 order. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WRTorder

EZY4310I WriteData EXEC LENGTH = length
Explanation: The user is in the Normal Character branch of a case statement. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WRTorder

EZY4311I IDcnt = ID count
Explanation: This message displays the value of IDcount, a counter used in processing of the Write Structured Field order. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WSForder

EZY4312I READ PARTITION
Explanation: A Read Partition request is being processed. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WSForder

EZY4313I ErsRstID EXEC i = i
Explanation: An Erase/Reset request is being processed. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TND3270
Procedure Name: WSForder

EZY4314I SetRepID EXEC i = i
Explanation: The Telnet server is in set reply mode. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
**EZY4315I • EZY4318I**

**System programmer response:** None.
**Module:** TND3270
**Procedure Name:** WSForder

---

**EZY4315I**  
OutbDtid EXEC i = i  

**Explanation:** This message indicates the amount of data being sent to a 3270-type terminal. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.
**Operator response:** None.
**System programmer response:** None.
**Module:** TND3270
**Procedure Name:** WSForder

---

**EZY4316I**  
OutbDtid ( WRTorder ) Exec Dataleng = Data length  

**Explanation:** This message indicates the amount of data being passed to the function WRTorder, which is used to write data to a terminal. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.
**Operator response:** None.
**System programmer response:** None.
**Module:** TND3270
**Procedure Name:** OutBdtID

---

**EZY4317I**  
OutbDtid ( EWorder ) Exec Dataleng = Data length  

**Explanation:** This message displays the amount of data being passed to the function EWorder. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.
**Operator response:** None.
**System programmer response:** None.
**Module:** TND3270
**Procedure Name:** OutBdtID

---

**EZY4318I**  
OutbDtid ( EAUorder ) EXEC  

**Explanation:** This message indicates the function EAUorder is being called. This message is displayed if the TRACE option is specified.

**System action:** Telnet continues.
**Operator response:** None.
**System programmer response:** None.
**Module:** TND3270
**Procedure Name:** OutBdtID
EZY4319I  WRtorder error found with data procedure_name

Explanation: The DBCS transform function found incorrect data in the data stream. The buffer containing the incorrect data could not be transformed.

In the message text:

procedure_name

The name of the procedure where the incorrect data was found.

System action: The transform of this buffer stops. The DBCS transform function continues with the next buffer.

Operator response: Correct the error and retry the transform.

System programmer response: None.

Module: TND3270

Procedure Name: EWorder, OUTbDtID

---

EZY4350I  +++ BuffShift (Buffer Shift) +++

EZY4351E  First Parameter is Out of Range

Explanation: A request was made to shift data in a buffer, but the address passed is out of range. This message is written to the error log.

System action: No data is moved. Control is returned to the calling routine and processing continues.

Operator response: None.

System programmer response: None.

Module: TNDMISCL

Procedure Name: BUFSIZEHIFT

---

EZY4350I  +++ BuffShift (Buffer Shift) +++

EZY4352I  Second Parameter is Out of Range

Explanation: A request was made to shift data in a buffer, but the address passed is out of range. This message is written to the error log.

System action: No data is moved. Control is returned to the calling routine and processing continues.

Operator response: None.

System programmer response: None.

Module: TNDMISCL

Procedure Name: BUFSIZEHIFT

---

EZY4350I  +++ BuffShift (Buffer Shift) +++

EZY4353I  Third Parameter is Out of Range

Explanation: A request was made to shift data in a buffer, but the address passed is out of range.

System action: No data is moved. Control is returned to the calling routine and processing continues.

Operator response: None.

System programmer response: None.

Module: TNDMISCL

Procedure Name: BUFSIZEHIFT
EZY4354W  EZY4360I

---
EZY4354W  ++ OpenCodeTable : warning +++

---
EZY4356I  ConType= Con Type ---> IBM *

**Explanation:** Either no conversion type was specified or an incorrect conversion type was found. Valid options are: J7O, J7N, J8O, J8N, A7O, A7N, A8O, A8N, SFJ, DEC, EUC, IBM, KSH, HAN, and TCH. This message is written to the error log.

**System action:** The conversion type is set to IBM, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** OpenCodeTable

---
EZY4357W  +++ CodeConversion : warning +++

---
EZY4358I  ConDirc= Con Dirc ---> 0 *

**Explanation:** An unexpected value was found for ConDirc.

**System action:** The value is reset to 0, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CodeConversion

---
EZY4357W  +++ CodeConversion : warning +++

---
EZY4359I  InState= InState ---> 0 *

**Explanation:** An unexpected value was found for InState.

**System action:** The value is reset to 0, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CodeConversion

---
EZY4357W  +++ CodeConversion : warning +++

---
EZY4360I  OutState= OutState ---> 0 *

**Explanation:** An unexpected value was found for OutState.

**System action:** The value is reset to 0, and Telnet continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** TNDMISCL

**Procedure Name:** CodeConversion
EZY4357W  +++ CodeConversion : warning +++

EZY4361I  ConMode= ConMode --> 0 *
Explanation: An unexpected value was found for ConMode.
System action: The value is reset to 0, and Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDMISCL
Procedure Name: CodeConversion

EZY4362W  +++ CloseCodeTable : warning +++

EZY4356I  ConType= Con Type --> IBM *
Explanation: Either no conversion type was specified or an incorrect conversion type was found. Valid options are: J7O, J7N, J8O, J8N, A7O, A7N, A8O, A8N, SFJ, DEC, EUC, IBM, KSH, HAN, and TCH.
System action: The conversion type is set to IBM, and Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDMISCL
Procedure Name: CloseCodeTable

EZY4363I  *CCTCLOS*

EZY4364I  ists= ists
Explanation: This message displays trace information. This message is displayed if the TRACE option is specified.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDMISCL
Procedure Name: CloseCodeTable.

EZY4366E  TNDBCSTM - Telnet DBCS Transform Mode - CodeFile DDName not found - DD name
Explanation: The Telnet server was unable to allocate ddname TNDBCSTM. This is the Telnet 3270 DBCS Transform data set containing binary translation table code files. This message is written to the error log.
System action: Telnet continues.
Operator response: None.
System programmer response: Update the JCL or TCPIP procedure to include TNDBCSTM.
Module: TNDMISCL
Procedure Name: RdCodeFiles
EZY4380I • EZY4404I

EZY4380I  +++ ASCII TO MAP (ATMDEC) +++

EZY4381I  Input Data Length: Terminal Buffer length

EZY4382I  Input Data Term Buffer

Explanation: This message displays trace information about the TERMBUF buffer, which contains data mapping the
terminal keys to hexadecimal characters. All of these key comparisons are declared as constants in the TNDCOMM
macro. These messages are displayed if the TRACE option is specified.

System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDATMAP
Procedure Name: ATMDEC

EZY4400I  ****** MAP to ASCII ******

EZY4401I  TransfTermBuff: Set Data Length Over

EZY4402I  Error Position No. is sequence number

EZY4403I  Data Length is length

Explanation: An error was found after calling the internal routine CheckBufl. The sequence number specified
matches the position in the routine where the failure occurred. These messages are written to the error log.

System action: Telnet ends normally. TCPIP continues.
Operator response: None.
System programmer response: Save all trace information for problem determination and contact the IBM Software
Support Center.
Module: TNDMTASC
Procedure Name: SetERRlog

EZY4400I  ****** MAP to ASCII ******

EZY4404I  Kanji Code Conversion: rt = rc

Explanation: An error occurred during code conversion while mapping input data to ASCII characters. The return
code value displayed in this message indicates the offset in the current input buffer at which the error occurred.
These messages are written to the error log.

System action: Telnet continues.
Operator response: None.
System programmer response: Check the input data to determine why this error occurred, and respond as
indicated.
Module: TNDMTASC
Procedure Name: CharConv
EZY4400I ****** MAP to ASCII ******

EZY4405I Alpha Code Conversion : rt = rc

Explanation: An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred. These messages are written to the error log.

System action: Telnet continues.

Operator response: None.

System programmer response: Check the input data to determine why this error occurred.

Module: TNDMTASC

Procedure Name: CharConv

---

EZY4406E Compare Error Address : Cradr

EZY4407I WritBuffer Data : Dump of DataBuffer

EZY4408I AttrBuffer Data : Dump of AttrBuffer

EZY4409I Disp.WritBuffer Data : Dump of DispBuffer.DataBuffer

EZY4410I Disp.AttrBuffer Data : Dump of DispBuffer.Attrbuffer

Explanation: These messages display trace information from the CodeConversion function. These messages are written to the error log.

System action: Telnet continues.

Operator response: None.

System programmer response: None.

Module: TNDMTASC

Procedure Name: DTCOMP

---

EZY4411I Alarm Code Conversion : rt = rc

Explanation: An error occurred during code conversion while mapping input data to ASCII characters. The return code value displayed in this message indicates the offset in the current input buffer at which the error occurred.

System action: Telnet continues.

Operator response: Notify the system programmer.

System programmer response: Check the input data to determine why this error occurred.

Module: TNDMTASC

Procedure Name: MTDADEC
EZY4400I  EZY4412I  Output Data Length : length

EZY4413I  Output Data dump of TermBuff
Explanation: These messages display information about the contents of TermBuff, which is used to hold information mapping terminal keys to hexadecimal characters. These messages are written to the error log.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDMTASC
Procedure Name: MTADEC

EZY4414I  DataBuffer dump of DataBuffer

EZY4415I  AttrBuffer dump of AttrBuffer
Explanation: Displayed is the value of the data and attribute buffers. These messages display during trace and are written to the error log.
System action: Telnet continues.
Operator response: None.
System programmer response: None.
Module: TNDMTASC
Procedure Name: MTADEC

EZY4450I  +++ CursorUp +++

EZY4451E  Cursor Address is Out of Range. Non Process End.
Explanation: The placement of the cursor exceeded the supported buffer size of 1920. These messages are written to the error log.
System action: The process ends normally.
Operator response: None.
System programmer response: Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.
Module: TNDTERM
Procedure Name: CursorUp

EZY4453I  +++ CursorDown +++

EZY4451E  Cursor Address is Out of Range. Non Process End.
Explanation: The placement of the cursor exceeded the supported buffer size of 1920. These messages are written to the error log.
System action: The process ends normally.
Operator response: None.
System programmer response: Make sure that the terminal type is properly specified and that the terminal is supported by Telnet.

Module: TNDTERM

Procedure Name: CursorDown

EZY4454I +++ CursorLeft +++

EZY4451E Cursor Address is Out of Range. Non Process End.

Explanation: The cursor placement exceeded the supported size of 1920 bytes. These messages are written to the error log.

System action: The process ends normally.

Operator response: None.

System programmer response: Make sure that the terminal type was properly specified and that the terminal is supported by Telnet.

Module: TNDTERM

Procedure Name: CursorLeft

EZY4455I +++ CursorRight +++

EZY4451E Cursor Address is Out of Range. Non Process End.

Explanation: The placement of the cursor exceeded the supported length of 1920.

System action: The process ends normally.

Operator response: None.

System programmer response: Make sure that the terminal type was properly specified and that the terminal is supported by Telnet.

Module: TNDTERM

Procedure Name: CursorRight

EZY4456E +++ CursHome +++ Home Position Address is Out of Range. Home Position is set to 0 for Next process.

Explanation: The cursor is not found at the home position as expected. This message is written to the error log.

System action: The cursor is reset to 0 and processing continues.

Operator response: Reset the cursor position if necessary.

System programmer response: None.

Module: TNDTERM

Procedure Name: CursHome

EZY4459E +++ Reset Key +++

EZY4451E Cursor Address is Out of Range. Abnormal end.

Explanation: The cursor was placed out of the supported range of 1920. This message is written to the error log.

System action: Processing continues, the return code is set to 1.

Operator response: Reposition the cursor within the accepted range of 0 to 1920.

System programmer response: None.
Module: TNDTERM
Procedure Name: ResetKey

EZY4461I +++ FieldMark +++

EZY4451E Cursor Address is Out of Range.
Explanation: The cursor was placed beyond the supported range of 1920.
System action: Processing continues.
Operator response: Reposition the cursor within the accepted range of 0 to 1920.
System programmer response: None.
Module: TNDTERM
Procedure Name: FieldMark

EZY4461I +++ FieldMark +++

EZY4463E Attribute Address is Out of Range.
Explanation: The given attribute address is out of the valid range.
System action: Control is returned to the calling routine and processing continues.
Operator response: Reenter the command specifying a valid attribute.
System programmer response: None.
Module: TNDTERM
Procedure Name: FieldMark

EZY4461I +++ FieldMark +++

EZY4464I Formatted Buffer.

EZY4472E Attribute Undefined.
Explanation: The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.
System action: Control is returned to the calling routine.
Operator response: Resubmit the last request specifying valid attributes. For more information, see the z/OS Communications Server: IP User’s Guide and Commands.
System programmer response: None.
Module: TNDTERM
Procedure Name: FieldMark

EZY4465I +++ FieldTab +++

EZY4451E Cursor Address is Out of Range. Address is set to 0 for normal end.
Explanation: The cursor was placed outside the valid range of 0 to 1920.
System action: The cursor address is set to 0 and processing continues.
Operator response: Reposition the cursor if necessary.
System programmer response: None.
Module: TNDTERM
Procedure Name: FieldTab

---

EZY4468I +++ FieldBackTab +++

EZY4451E Cursor Address is Out of Range. Address is set to 0 for normal end.
Explanation: The cursor was placed outside the supported range of 0 to 1920.
System action: The cursor address is set to 0 and processing continues.
Operator response: Reposition the cursor if necessary.
System programmer response: None.
Module: TNDTERM
Procedure Name: FieldBackTab

---

EZY4469I +++ EraseEOF +++

EZY4451E Cursor Address is Out of Range.
Explanation: The cursor was placed outside the supported range of 0 to 1920.
System action: Processing continues.
Operator response: Reposition the cursor if necessary.
System programmer response: None.
Module: TNDTERM
Procedure Name: EraseEOF

---

EZY4469I +++ EraseEOF +++

EZY4464I Formatted Buffer.

EZY4436E Attribute Address is Out of Range.
Explanation: The function SearchAttr, which is used to check conversion attributes, encountered an incorrect attribute.
System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request, specifying a valid attribute.
System programmer response: None.
Module: TNDTERM
Procedure Name: EraseEOF

---

EZY4469I +++ EraseEOF +++

EZY4464I Formatted Buffer.

EZY4472E Attribute Undefined.
Explanation: The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.
System action: The request is not processed. Telnet continues.
Operator response:  Resubmit the request specifying valid attributes.
System programmer response:  None.
Module:  TNDTERM
Procedure Name:  EraseEOF

EZY4473I  +++ EraseInput +++

EZY4464I  Formatted Buffer.

EZY4472E  Attribute Undefined.
Explanation:  The function SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.
System action:  The request is not processed. Telnet continues.
Operator response:  Resubmit the request specifying valid attributes.
System programmer response:  None.
Module:  TNDTERM
Procedure Name:  EraseInput

EZY4474E  +++ AttPAKey +++ PA key ASCII Code Not found
Explanation:  The PA key used is unsupported. Supported values are:
  • PA1 (hex 6C for Ebcdic hex 31 for ASCII)
  • PA2 (hex 6E for Ebcdic hex 32 for ASCII)
  • PA3 (hex 6B for Ebcdic hex 33 for ASCII)
All other keys are ignored. The return code is set to 1.
System action:  The system returns to caller and continues processing.
Operator response:  Specify the correct PA key.
System programmer response:  None.
Module:  TNDTERM
Procedure Name:  AttPAKey

EZY4476I  +++ AttPFKey +++

EZY4477E  PF key No. out of Range
Explanation:  The PF key used is unsupported. Supported values are PF1—PF24. The return code is set to 1.
System action:  Control returns to the caller and processing continues.
Operator response:  Specify a valid PF key.
System programmer response:  None.
Module:  TNDTERM
Procedure Name:  AttPFKey

EZY4478I  +++ NextCurs +++
EZY4451E  Cursor Address is Out of Range.
Explanation: The cursor was placed outside the supported range of 0 to 1920.
System action: Processing continues.
Operator response: Reposition the cursor within the supported range.
System programmer response: None.
Module: TNDTERM
Procedure Name: NextCurs

EZY4478I  +++ NextCurs +++

EZY4464I  Formatted Buffer.

EZY4472E  Attribute Undefined.
Explanation: The internal subroutine SearchAddr, which is used to check conversion attributes, encountered an undefined attribute.
System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request specifying valid attributes.
System programmer response: None.
Module: TNDTERM
Procedure Name: NextCurs

EZY4479I  +++ Master Reset +++

EZY4451E  Cursor Address is Out of Range. Non Process End.
Explanation: The cursor was placed outside the supported range of 0 to 1920.
System action: Control is returned to the calling routine.
Operator response: Reposition the cursor within the supported range.
System programmer response: None.
Module: TNDTERM
Procedure Name: MstReset

EZY4480I  +++ Dupric +++

EZY4451E  Cursor Address is Out of Range.
Explanation: The cursor was placed outside the supported range of 0 to 1920.
System action: Control is returned to the calling routine.
Operator response: None.
System programmer response: None.
Module: TNDTERM
Procedure Name: DUPRIC
EZY4480I • EZY4451E

EZY4480I +++ Dupric +++

EZY4464I Formatted Buffer.

EZY4463E Attribute Address is Out of Range.
Explanation: The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an attribute that was out of range.
System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request specifying valid attributes.
System programmer response: None.
Module: TNDTERM
Procedure Name: DUPRIC

EZY4480I +++ Dupric +++

EZY4464I Formatted Buffer.

EZY4472E Attribute Undefined.
Explanation: The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.
System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request specifying valid attributes.
System programmer response: None.
Module: TNDTERM
Procedure Name: DUPRIC

EZY4481I +++ CrgReturn +++

EZY4451E Cursor Address is Out of Range.
Explanation: The cursor was placed outside the supported range of 0 to 1920. The return code is set to 1.
System action: Control is returned to the calling routine.
Operator response: None.
System programmer response: None.
Module: TNDTERM
Procedure Name: CrgReturn

EZY4482I +++ NormalChar (Input) +++

EZY4451E Cursor Address is Out of Range.
Explanation: The cursor was placed outside the supported range of 0 to 1920.
System action: Control returns to the calling routine.
Operator response: Reposition the cursor within the supported range.
System programmer response: None.
Module: TNDTERM
Procedure Name: NormalChar

EZY4482I +++ NormalChar (Input) +++

EZY4464I Formatted Buffer.

EZY4463E Attribute Address is Out of Range.

Explanation: The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an out of range attribute.

System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request specifying valid attributes.
System programmer response: None.

Module: TNDTERM
Procedure Name: NormalChar

EZY4482I +++ NormalChar (Input) +++

EZY4464I Formatted Buffer.

EZY4472E Attribute Undefined.

Explanation: The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.

System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request specifying valid attributes.
System programmer response: None.

Module: TNDTERM
Procedure Name: NormalChar

EZY4483I +++ Delete1C +++

EZY4451E Cursor Address is Out of Range.

Explanation: The cursor was placed outside the supported range of 0 to 1920.

System action: Control is returned to the calling routine.
Operator response: Reposition the cursor within the valid range.
System programmer response: None.

Module: TNDTERM
Procedure Name: Delete1C

EZY4483I +++ Delete1C +++
EZY4464I • EZY4484I

EZY4464I Formatted Buffer.

EZY4472E Attribute Undefined.
Explanation: The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an undefined attribute.
System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request specifying valid attributes.
System programmer response: None.
Module: TNDTERM
Procedure Name: Delete1C

EZY4483I +++ Delete1C +++

EZY4464I Formatted Buffer.

EZY4463E Attribute Address is Out of Range.
Explanation: The internal subroutine SearchAttr, which is used to check conversion attributes, encountered an out of range attribute.
System action: The request is not processed. Telnet continues.
Operator response: Resubmit the request specifying valid attributes.
System programmer response: None.
Module: TNDTERM
Procedure Name: Delete1C

EZY4484I ++ Inputerr ++ message
Explanation: The Telnet DBCS code has detected an error with the input data. Some of the possible reasons are:
• The keyboard is locked
• Input was tried in a protected field
• The command was out of sequence
• The data entered was not valid.
An informational message is displayed in the variable text field of the message. The layout of the variable text field is described below:

xxxxxx-yyyyyy mmmmmmmmmmmmmmmmmmm

where
xxxxxx  The translation routine being used. This routine can be correlated with the code page being used and the translation being done. The first few characters are the translation and the rest, if included, the codepage being used.

Translation
ATM - ASCII to 3270
TNDTERM - 3270 terminal translation
Codepage
SJF - SJISKANJI
J80 - JIS78KJ
J8N - JIS83KJ
EUC - EUCKANJI
The command(s) being processed. There might be multiple commands strung together all separated by a hyphen (-). An example of this would be

NULL-ESC-CRTLK

The reason.

Possible reasons and actions are:

**Reason**  **Action**

ATMDEC-CtrlA INPUT INHIBITED
The keyboard is locked. Reset the keyboard.

ATMDEC-NULL INVALID COMMAND RECEIVED
The previous command was not valid. Retry.

ATMDEC.x
The command/data was either not valid or out of sequence.

**System action:**  TCPIP continues.

**Operator response:**  Resubmit the request specifying valid attributes.

**System programmer response:**  From the trace message try to determine the cause of the error, if unable, then contact the IBM Software Support Center.

**Module:**  TNDTERM TNDATMAP

**Procedure Name:**  various
Chapter 6. EZY5xxx messages

**EZY5398E**  REQUEST TO START TCP/IP VIA MVPMAIN IS REJECTED.

**Explanation:**  Program MVPMAIN was invoked with MODULE=TCP/IP specified on the PARM= parameter of the JCL EXEC statement. The TCP/IP address space can no longer be started using program MVPMAIN.

**System action:**  The task initialization function is terminated.

**Operator response:**  Tell the system programmer about the error.

**System programmer response:**  See sample procedure TCPIPROC in the SEZAINST data set for the correct program name to be used for starting the TCP/IP address space.

**Module:**  MVPMAIN

**Procedure Name:**  Mainline code
Chapter 7. EZY6xxx messages

EZY6001I  EZAZSSI Already Active, Start Rejected
Explanation:  EZAZSSI is already active, attempting to start TNF and/or VMCF.
System action:  This duplicate copy of EZAZSSI ends.
Operator response:  Either wait for VMCF and/or TNF to start, cancel then restart EZAZSSI, or ignore the message.
System programmer response:  None.
Module:  EZAZSSI

EZY6002I  TNF Already Active
Explanation:  TNF is already active, therefore it is not started.
System action:  Start VMCF if needed, then EZAZSSI ends.
Operator response:  Either end TNF and restart, or ignore the message.
System programmer response:  None.
Module:  EZAZSSI

EZY6003I  VMCF Already Active
Explanation:  VMCF is already active, therefore it is not started.
System action:  EZAZSSI ends.
Operator response:  Either end VMCF and restart, or ignore the message.
System programmer response:  None.
Module:  EZAZSSI

EZY6004I  No Action Taken
Explanation:  VMCF and TNF are both running; there is nothing to start.
System action:  TNF/VMCF continue, EZAZSSI ends.
Operator response:  Either stop VMCF and/or TNF then restart EZAZSSI, or ignore the message.
System programmer response:  None.
Module:  EZAZSSI

EZY6005I  Invalid Start Sequence in Progress
Explanation:  VMCF is up and running and TNF is down.
System action:  VMCF continues, EZAZSSI ends.
Operator response:  Stop VMCF and then restart EZAZSSI.
System programmer response:  None.
Module:  EZAZSSI
EZY6006E  EZY6010E

EZY6006E  Subsystem name in IEFSSNxx is not VMCF
Explanation:  There is no VMCF entry in IEFSSNxx.
System action:  EZAZSSI ends.
Operator response:  None.
System programmer response:  Add the VMCF entry to your IEFSSNxx parmlib member. Either load the initial
program to incorporate this change or use the SETSSI ADD command to dynamically add the VMCF subsystem, and
then restart EZAZSSI. See z/OS MVS System Commands for more information about the SETSSI command.
Module:  EZAZSSI

EZY6007E  VMCF Nodename must be specified
Explanation:  VMCF requires that a nodename be specified at least once per IPL.
System action:  EZAZSSI ends.
Operator response:  Specify a nodename when starting EZAZSSI. See the z/OS Communications Server: IP Diagnosis
Guide for more information.
System programmer response:  None.
Module:  EZAZSSI

EZY6008I  VMCF Start Initiated
Explanation:  A VMCF address space start was issued.
System action:  EZAZSSI continues; start of VMCF expected.
Operator response:  None.
System programmer response:  None.
Module:  EZAZSSI

EZY6009E  Refused to create VMCF address space
Explanation:  The VMCF address space start from IEEMB881 failed.
System action:  EZAZSSI ends.
Operator response:  None.
System programmer response:  Check to see that the data sets containing the respective load modules are cataloged
and available.
Module:  EZAZSSI

EZY6010E  VMCF Not Initialized, Processing Continues
Explanation:  The VMCF address space start-up timed out. See the messages that usually accompany this message
for an indication of the actual problem.
System action:  EZAZSSI ends.
Operator response:  Determine why VMCF did not start and restart EZAZSSI.
System programmer response:  None.
Module:  EZAZSSI
EZY6011I VMCF Initialization Complete
Explanation: VMCF is active and available. VMCF applications can be started.
System action: VMCF continues, EZAZSSI ends.
Operator response: None.
System programmer response: None.
Module: EZAZSSI

EZY6012E Error creating PC numbers, is LPA correct?
Explanation: PC numbers could not be created.
System action: TNF/VMCF ends, EZAZSSI ends.
Operator response: None.
System programmer response: This is probably an installation error. Check the LPA data sets.
Module: EZAZSSI

EZY6013E VMCF ended: Error in initialization
Explanation: An error was encountered in initialization. See the messages that usually accompany this message for an indication of the actual problem.
System action: VMCF ends.
Operator response: Dependent on accompanying messages.
System programmer response: Dependent on accompanying messages.
Module: EZAZSSI

EZY6014E Subsystem name in IEFSSNxx is not TNF
Explanation: There is no TNF entry in IEFSSNxx.
System action: EZAZSSI ends.
Operator response: None.
System programmer response: Add the TNF entry to your IEFSSNxx parmlib member. Either IPL to incorporate this change or use the SETSSI ADD command to dynamically add the TNF subsystem, and then restart EZAZSSI. See z/OS MVS System Commands for more information about the SETSSI command.
Module: EZAZSSI

EZY6015I TNF Start Initiated
Explanation: A TNF address space start was issued.
System action: EZAZSSI continues; start of TNF expected.
Operator response: None.
System programmer response: None.
Module: EZAZSSI

EZY6016E Refused to create TNF address space
Explanation: The TNF address space start from IEEMB881 failed.
System action: EZAZSSI ends.
Operator response: None.
**EZY6017E • EZY6021I**

**System programmer response:** Check to see that the data sets containing the respective load modules are cataloged and available.

**Module:** EZAZSSI

---

**EZY6017E**  TNF Not Initialized, Processing Continues

**Explanation:** The TNF address space start-up timed out. See the messages that accompany this message for an indication of the actual problem.

**System action:** EZAZSSI ends.

**Operator response:** Determine why TNF did not start and restart EZAZSSI.

**System programmer response:** None.

**Module:** EZAZSSI

---

**EZY6018I**  TNF Initialization Complete

**Explanation:** TNF is active and available. TNF applications can be started.

**System action:** EZAZSSI will attempt to start VMCF.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAZSSI

---

**EZY6019E**  TNF ended: MVPTTRML Resource Manager Not Established

**Explanation:** A problem exists in the RESMGR interface.

**System action:** TNF ends, EZAZSSI ends.

**Operator response:** None.

**System programmer response:** This is probably an installation error. This message can be issued if resource manager load module MVPTTRML is not found in LPA. Ensure that the TCP/IP LPA load library SEZALPA is defined in one of the LPALSTxx members of SYS1.PARMLIB.

**Module:** EZAZSSI

---

**EZY6020I**  TNF not started correctly

**Explanation:** TNF was started by a method other than EZAZSSI or EZAZSSI timed out because it took too long to start TNF.

**System action:** TNF ends.

**Operator response:** Use EZAZSSI to start TNF.

**System programmer response:** None.

**Module:** MVPTNF

---

**EZY6021I**  TNF Stop Rejected - Active Users Exist

**Explanation:** Active users still exist for TNF; the stop is ignored.

**System action:** TNF continues.

**Operator response:** Either end the user address spaces or use the `F TNF,REMOVE` command to remove the users from the table.

**System programmer response:** None.

**Module:** MVPTNF
EZY6022I TNF Stop Accepted
Explanation: The TNF STOP command was accepted.
System action: TNF stops.
Operator response: None.
System programmer response: None.
Module: MVPTNF

EZY6023I TNF Modify Display Accepted
Explanation: The Modify Display command for TNF was accepted.
System action: TNF continues.
Operator response: None.
System programmer response: None.
Module: MVPTNF

EZY6024I TNF Modify Remove Accepted
Explanation: The Modify Remove command for TNF was accepted.
System action: TNF continues.
Operator response: None.
System programmer response: This is probably an installation error. This message can be issued if resource manager load module MVPTTRML is not found in LPA. Ensure that the TCP/IP LPA load library SEZALPA is defined in one of the LPALSTxx members of SYS1.PARMLIB.
Module: MVPTNF

EZY6025I TNF Modify Command Not Recognized
Explanation: The Modify command for TNF was not understood.
System action: TNF continues.
Operator response: For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.
System programmer response: None.
Module: MVPTNF

EZY6026I TNF Start Accepted
Explanation: The TNF Start command was accepted.
System action: TNF continues.
Operator response: None.
System programmer response: None.
Module: MVPTNF

EZY6027I TNF Command Not Recognized
Explanation: The command entered for TNF was not understood.
System action: TNF continues.
Operator response: For information on TNF commands, see the z/OS Communications Server: IP Diagnosis Guide.
EZY6028I  •  EZY6032I

System programmer response: None.
Module: MVPTNF

EZY6028I  TNF REMOVE not valid
Explanation: The Modify remove command for TNF was not understood.
System action: TNF continues.
Operator response: For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.
System programmer response: None.
Module: MVPTNF

EZY6029I  TNF REMOVEXXXXXX not valid
Explanation: The Modify remove command for TNF was not understood.
System action: TNF continues.
Operator response: For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.
System programmer response: None.
Module: MVPTNF

EZY6030I  TNF All Users Removed
Explanation: The Modify remove,name=* was executed successfully.
System action: TNF continues.
Operator response: TNF can be ended now.
System programmer response: None.
Module: MVPTNF

EZY6031I  TNF User userid Not Found
Explanation: The Modify remove/display,name=userid was not found in the table.
System action: TNF continues.
Operator response: None.
System programmer response: None.
Module: MVPTNF

EZY6032I  TNF User userid Removed
Explanation: The Modify remove,name=userid was found and removed.
System action: TNF continues.
Operator response: None.
System programmer response: None.
Module: MVPTNF
EZY6033I  TNF DISPLAY not valid
Explanation:  The Modify display command for TNF was not understood.
System action:  TNF continues.
Operator response:  For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.
System programmer response:  None.
Module:  MVPTNF

EZY6034I  TNF DISPLAYXXXXXX not valid
Explanation:  The Modify display command for TNF was not understood.
System action:  TNF continues.
Operator response:  For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.
System programmer response:  None.
Module:  MVPTNF

EZY6035I  TNF User userid Not Found
Explanation:  The Modify remove,name=userid for TNF was not found in the table.
System action:  TNF continues.
Operator response:  Do a modify display to see if the user still exists.
System programmer response:  None.
Module:  MVPTNF

EZY6036I  TNF Active ASIDs
Explanation:  This message is issued in response to the Modify display command. It is displayed when users exist.
System action:  TNF continues.
Operator response:  None.
System programmer response:  None.
Module:  MVPTNF

EZY6037I  Name ASID
Explanation:  This message is issued in response to the Modify command. It is displayed when users exist.
System action:  TNF continues.
Operator response:  None.
System programmer response:  None.
Module:  MVPTNF

EZY6038I  userid asid
Explanation:  This message is issued in response to the Modify command. It is displayed when users exist.
System action:  TNF continues.
Operator response:  None.
System programmer response:  None.
EZY6039I  •  EZY6044E

Module:  MVPTNF

EZY6039I  End
Explanation:  This message is issued in response to the Modify command. It is displayed when users exist.
System action:  TNF continues.
Operator response:  None.
System programmer response:  None.
Module:  MVPTNF

EZY6040I  No TNF users exist
Explanation:  This message is issued in response to the Modify command. It is displayed when no users exist.
System action:  TNF continues.
Operator response:  None.
System programmer response:  None.
Module:  MVPTNF

EZY6041I  TNF Modify Accepted
Explanation:  The Modify command for TNF was accepted.
System action:  TNF continues.
Operator response:  None.
System programmer response:  None.
Module:  MVPTNF

EZY6042E  TNF ended: MVPTTRML Resource Manager Not Established
Explanation:  A problem exists in the RESMGR interface.
System action:  TNF ends.
Operator response:  None.
System programmer response:  This is probably an installation error.
Module:  MVPTSSI

EZY6043I  TNF Start Initiated
Explanation:  A TNF address space start was issued.
System action:  EZAZSSI continues; start of TNF expected.
Operator response:  None.
System programmer response:  None.
Module:  MVPTSSI

EZY6044E  Refused to create TNF address space
Explanation:  The address space start from IEEMB881 failed.
System action:  IPL continues.
Operator response:  None.
System programmer response: Check to see that the data sets containing the respective load modules are cataloged and available.
Module: MVPTSSI

EZY6045E  TNF Not Initialized, Processing Continues
Explanation: The TNF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.
System action: IPL continues.
Operator response: None.
System programmer response: Correct the reason TNF did not start, and use EZAZSSI to restart TNF/VMCF.
Module: MVPTSSI

EZY6046I  TNF Initialization Complete
Explanation: TNF is active and available.
System action: TNF continues, IPL continues.
Operator response: TNF applications can be started.
System programmer response: None.
Module: MVPTSSI

EZY6047E  Subsystem name in IEFSSNxx is not TNF
Explanation: There is not a TNF entry in IEFSSNxx.
System action: TNF ends.
Operator response: None.
System programmer response: Add TNF entry to IEFSSNxx and re-IPL.
Module: MVPTSSI

EZY6048E  VMCF ended: Node ID not specified in IEFSSNxx VMCF
Explanation: A nodename must be specified in the IEFSSNxx member for VMCF when using the migration implementation of restartable VMCF.
System action: IPL continues.
Operator response: Start EZAZSSI with a nodename after IPL completes.
System programmer response: For future IPLs add a nodename to the IEFSSNxx member.
Module: MVPXSSI

EZY6049I  VMCF Start Initiated
Explanation: A VMCF address space start was issued.
System action: Start of VMCF expected.
Operator response: None.
System programmer response: None.
Module: MVPXSSI
EZY6050E Refused to create VMCF address space
Explanation: The address space start from IEEMB881 failed.
System action: IPL continues.
Operator response: Start EZAZSSI when the reason for the failure is corrected.
System programmer response: Check to see that the data sets containing the respective load modules are cataloged and available.
Module: MVPXSSI

EZY6051E VMCF Not Initialized, Processing Continues
Explanation: The VMCF address space start-up timed out. See the messages that usually accompany this message for an indication of the actual problem.
System action: IPL continues.
Operator response: Determine why VMCF did not start and start EZAZSSI when the IPL completes.
System programmer response: None.
Module: MVPXSSI

EZY6052I VMCF Initialization Complete
Explanation: VMCF is active and available.
System action: VMCF continues.
Operator response: VMCF applications can be started.
System programmer response: None.
Module: MVPXSSI

EZY6053E Error creating PC numbers, is LPA correct?
Explanation: PC numbers could not be created.
System action: VMCF ends.
Operator response: None.
System programmer response: This is probably an installation error. Check the LPA data sets.
Module: MVPXSSI

EZY6054E VMCF ended: Error in initialization
Explanation: An error was encountered in initialization. See the messages that usually accompany this message for an indication of the actual problem.
System action: VMCF ends.
Operator response: Dependent on accompanying messages.
System programmer response: Dependent on accompanying messages.
Module: MVPXSSI

EZY6055E Subsystem name in IEFSSNxx is not VMCF
Explanation: There is not a VMCF entry in IEFSSNxx.
System action: IPL Continues.
Operator response: None.
System programmer response: Add VMCF entries to IEFSSNxx and re-IPL.
Module: MVPXSSI

EZY6056I  VMCF not started correctly
Explanation: TNF was started by a method other than EZAZSSI or EZAZSSI timed out because it took too long to start VMCF.
System action: VMCF ends.
Operator response: Use EZAZSSI to start TNF.
System programmer response: None.
Module: MVPXVI

EZY6057I  VMCF Stop Accepted
Explanation: The VMCF command was accepted.
System action: VMCF stops.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6058I  VMCF Modify Accepted
Explanation: The Modify command for VMCF was accepted.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6059I  VMCF Modify Display Accepted
Explanation: The Modify display command for VMCF was accepted.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6060I  VMCF Modify Remove Accepted
Explanation: The Modify Remove command for VMCF was accepted.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI
EZY6061I VMCF Start Accepted
Explanation: The VMCF Start command was accepted.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6062I VMCF Command Not Recognized
Explanation: The command entered for VMCF was not understood.
System action: VMCF continues.
Operator response: For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide].
System programmer response: None.
Module: MVPXVI

EZY6063I VMCF Modify Command Not Recognized
Explanation: The Modify command for VMCF was not understood.
System action: VMCF continues.
Operator response: For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide].
System programmer response: None.
Module: MVPXVI

EZY6064I VMCF Stop Rejected - Active Users Exist
Explanation: Active users still exist for VMCF; the stop is ignored.
System action: VMCF continues.
Operator response: Either terminate the user address spaces or use the F TNE,REMOVE... command to remove the users from the table.
System programmer response: None.
Module: MVPXVI

EZY6065I VMCF REMOVE not valid
Explanation: The Modify remove command was not understood.
System action: VMCF continues.
Operator response: For information on the Modify command, see the [z/OS Communications Server: IP Diagnosis Guide].
System programmer response: None.
Module: MVPXVI

EZY6066I VMCF REMOVEXXXXX not valid
Explanation: The Modify remove command was not understood.
System action: VMCF continues.
Operator response: For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.

System programmer response: None.
Module: MVPXVI

EZY6067I  VMCF All Users Removed
Explanation: The Modify remove,name=* was executed successfully.
System action: VMCF continues.
Operator response: VMCF can be stopped now.
System programmer response: None.
Module: MVPXVI

EZY6068I  VMCF User userid Not Found
Explanation: The Modify remove,name=userid was not found in the table.
System action: VMCF continues.
Operator response: Do a modify display to see if the user still exists.
System programmer response: None.
Module: MVPXVI

EZY6069I  VMCF User userid Removed
Explanation: The Modify remove,name=userid was found and removed.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6070I  VMCF DISPLAY Invalid
Explanation: The Modify display command was not understood.
System action: VMCF continues.
Operator response: For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.
System programmer response: None.
Module: MVPXVI

EZY6071I  VMCF DISPLAYXXXXXX not valid
Explanation: The Modify display command was not understood.
System action: VMCF continues.
Operator response: For information on the Modify command, see the z/OS Communications Server: IP Diagnosis Guide.
System programmer response: None.
Module: MVPXVI
EZY6072I  VMCF User userid Not Found
Explanation: The Modify remove/display,name=userid was not found in the table.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6073I  VMCF Active ASIDs
Explanation: This message is issued in response to the Modify command. It is displayed when users exist.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6074I  Name ASID
Explanation: This message is issued in response to the Modify command. It is displayed when users exist.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6075I  userid asid
Explanation: This message is issued in response to the Modify command. It is displayed when users exist.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6076I  End
Explanation: This message is issued in response to the Modify command. It is displayed when users exist.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI

EZY6077I  No VMCF users exist
Explanation: This message is issued in response to the Modify command. It is displayed when no users exist.
System action: VMCF continues.
Operator response: None.
System programmer response: None.
Module: MVPXVI
### EZY6101I

**Explanation:** This message is issued in conjunction with message EZY6102I at FSS startup time. Listed for the FSS specified in `fsswtr_id` are the addresses of the FSS, FSA, FSD and FSJ modules.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFS

### EZY6102I

**Explanation:** This message is issued in conjunction with message EZY6101I at FSS startup time. Listed for the FSS specified in `fsswtr_id` are the FSID, ASID, Subsystem ID, and Route Code values.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFS

### EZY6110I

**Explanation:** This message is issued at FSS startup time. Multiple occurrences of the message are issued to list all FSS startup options in effect.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFS

### EZY6111I

**Explanation:** This message is issued when the FSS is modified. Multiple occurrences of the message are issued to list some statistics that might be useful for problem analysis.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFS

### EZY6112I

**Explanation:** The FSS named in the message has entered a wait state.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFS

### EZY6113I

**Explanation:** The FSS named in the message has been posted by an FSA.

**System action:** Processing continues.

**Operator response:** None.
EZY6114I  •  EZY6119I

System programmer response: None.
Module: EZAPPFS

EZY6141  fsstwtr_id FSS POSTED BY JES
Explanation: The FSS named in the message has been posted by JES.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6151  fsstwtr_id FSS POSTED BY JES, ORDID=fss_order_id
Explanation: The FSS named in the message has been posted by JES, with the ORDER identified in the message.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6161  fsstwtr_id FSS POSTED BY COMMAND
Explanation: The FSS named in the message has been posted by an MVS operator console command.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6171  fsstwtr_id START-FSS CONNECT FSIREQ SUCCESSFUL
Explanation: The FSS-CONNECT request was successful for the FSS named in the message.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6181  fsstwtr_id STOP-FSS DISCONNECT FSIREQ SUCCESSFUL
Explanation: The FSS-DISCONNECT request was successful for the FSS named in the message.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6191  fsstwtr_id START-FSA ATTACH SUCCESSFUL, FSID=fss_id
Explanation: An FSA was successfully attached to the FSS named in the message. The FSS ID is also displayed.
System action: Processing continues.
Operator response: None.
EZY6120I  STOP-FSA DETACH SUCCESSFUL, FSID=fss_id

Explanation: An FSA was successfully detached from the FSS named in the message. The FSS ID is also displayed.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6121I  FSS-AMODE/JES-AMODE/RESOLVED-CB-RMODE=fss_amode/jes_amode/cb_rmode

Explanation: The control block RMODE that the FSS and FSA tasks will use (for the FSS named in the message) has been determined from the early FSS AMODE option setting. The RMODE setting will be permanent.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6122I  INIT FUNCTION DONE

Explanation: The initialization functions have been successfully completed for the FSS named in the message.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6131E  START-FSS START TOKEN INVALID: mgcr_token_addr

Explanation: The MGCR token address is invalid. The FSS cannot be started.
System action: Processing ends.
Operator response: The FSS cannot be explicitly started by the operator or run as a batch job. The FSS is started by JES.
System programmer response: None.
Module: EZAPPFS

EZY6132E  START-FSS ERROR, NO START CIB FOUND

Explanation: No START-verb CIB was found from the CSCB. This is an internal configuration error.
System action: Processing ends.
System programmer response: Contact IBM Support.
Module: EZAPPFS
EZY6133E  fsswtr_id START-FSS START CMD INVALID, SUBSYS=subsystem_name

Explanation: An error was encountered in the FSS START PARM. The subsystem name is invalid. This is an internal configuration error.

System action: Processing ends.


System programmer response: Contact IBM Support.

Module: EZAPPFS

EZY6134E  fsswtr_id START-FSS START CMD INVALID, FSID=fss_id

Explanation: An error was encountered in the FSS START PARM. The functional subsystem is invalid. This is an internal configuration error.

System action: Processing ends.


System programmer response: Contact IBM Support.

Module: EZAPPFS

EZY6135E  fsswtr_id START-FSS START CMD INVALID, ROUTCDE=route_code

Explanation: An error was encountered in the FSS START PARM. The FSS-level message route code is invalid. This is an internal configuration error.

System action: Processing ends.


System programmer response: Contact IBM Support.

Module: EZAPPFS

EZY6136E  fsswtr_id START-FSS PARMLIB DD OPEN FAILED

Explanation: The data set defined by the PARMLIB DD JCL statement is known to exist but could not be opened.

System action: Processing ends.

Operator response: Determine why the data set cannot be opened.

System programmer response: None.

Module: EZAPPFS

EZY6137E  fsswtr_id LOAD OF EZAPPFCM FAILED

Explanation: The NPF file-create module could not be loaded.

System action: Processing ends.

Operator response: None.

System programmer response: Determine why LOAD failed for EZAPPFCM.

Module: EZAPPFS

EZY6138E  fsswtr_id INIT CALL FAILED IN FCM, RC=return_code

Explanation: The INIT function failed within the NPF file-create module.

System action: Processing ends.

Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

EZY6139E  fswtr_id START-FSS CONNECT FSIREQ FAILED, SSOBRETN=fsi_return_code
Explanation: The FSS_CONNECT FSIREQ call failed.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

EZY6140E  fswtr_id START-FSS CONNECT FSIREQ FAILED, R15=ssreq_return_code
Explanation: The FSS_CONNECT FSIREQ call failed.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

EZY6141E  fswtr_id STOP-FSS REFUSED, FSAS STILL UP
Explanation: The FSS cannot SHUTDOWN while active FSAs are still present. This is an internal error.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

EZY6142E  fswtr_id STOP-FSS DISCONNECT FSIREQ FAILED, SSOBRETN=fsi_error_return_code
Explanation: The FSS did not DISCONNECT successfully. The return code from FSIREQ is listed. This is an internal error.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

EZY6143E  fswtr_id STOP-FSS DISCONNECT FSIREQ FAILED, R15=register_15
Explanation: The FSS did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS
EZY6144E STOP-FSS ABNORMAL DISCONNECT REQUESTED

Explanation:  The FSS did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Contact IBM Support.
Module:  EZAPPFS

EZY6145E START-FSA-SDTE GETMAIN FAILED

Explanation:  GETMAIN was called for the FSA Daughter Task Element control block. The call failed.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.
Module:  EZAPPFS

EZY6146E START-FSA ECBLIST GETMAIN FAILED

Explanation:  GETMAIN was called for the ECB list data area.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.
Module:  EZAPPFS

EZY6147E START-FSA EP IDENTITY FAILED, R15=identify_return_code

Explanation:  The entry point for the FSA could not be identified. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Contact IBM Support.
Module:  EZAPPFS

EZY6148E START-FSA SUBTASK ATTACH FAILED, R15=attach_return_code

Explanation:  The FSA ATTACH failed. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Contact IBM Support.
Module:  EZAPPFS

EZY6149E START-FSA ORDER REFUSED - sdte_fsid UP

Explanation:  The FSA-START ORDER was refused. The FSA is already started. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

---

EZY6150E  
**fswwtr_id** STOP-FSA SUBTASK DETACH FAILED, R15=\textit{detach\_return\_code}

Explanation: The FSA DETACH failed. This is an internal error.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

---

EZY6151E  
**fswwtr_id** STOP-FSA ORDER REFUSED - \textit{fsid} NOT UP

Explanation: The FSA STOP order was processed, but the FSID could not be found. This is an internal error.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

---

EZY6152E  
**fswwtr_id** UNSUPPORTED FSS ORDER, ORDID=\textit{fss\_order\_id}

Explanation: The FSS order could not be recognized or is invalid. This is an internal error.
System action: Processing ends.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFS

---

EZY6160W  
**fswwtr_id** STOP (P) COMMANDS ARE NOT SUPPORTED AT THIS TIME

Explanation: The FSS cannot be stopped via the command input buffer (P \textit{fswwtr\_id}) in the current product release.
System action: Processing continues.
Operator response: If you wish to terminate the FSS, you must drain or stop the printer via the appropriate JES command.
System programmer response: None.
Module: EZAPPFS

---

EZY6161W  
**fswwtr_id** UNRECOGNIZED COMMAND RECEIVED. REFUSED

Explanation: The command received from the console command input buffer is not recognized as a valid command.
System action: Processing continues.
Operator response: Re-enter the command.
System programmer response: None.
Module: EZAPPFS
EZY6162W  fsswtr_id INVALID FSS OPTION NEAR: invalid_data
Explanation: The option input is invalid.
System action: Processing continues.
Operator response: Re-input the option.
System programmer response: None.
Module: EZAPPFS

EZY6163W  fsswtr_id JES ASSUMING AMODE=31, AMODE=24 NOW INVALID
Explanation: The AMODE affecting existing tasks has been set to "31", and AMODE=24 cannot be used.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6164W  fsswtr_id FSA TASK TERMINATED, FSID=fss_id
Explanation: The FSS has received notification that the FSA with the FSID displayed in the message text has ended.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6165W  fsswtr_id FSA PRE-CONNECT FAILURE RESPONSE FSI-SENT, FSID=fss_id
Explanation: The FSS has sent notification via FSI SEND that the START FSA ORDER has failed.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6166W  fsswtr_id UNABLE TO GET FSIP AREA ABOVE 16MEG
Explanation: The FSS was unable to GETMAIN the needed storage area above the 16MB line.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFS

EZY6175I  fsswtr_id printer_id FSA FSID=fsid, UCB=ucb_name, AMODE=addr_mode
Explanation: This message is issued at FSA startup time. Listed for the FSA specified in printer_id for the FSS specified in fsswtr_id are the FSID, UCB, and AMODE.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA
EZY6176I  fsswr_id printer_id GDS job_number dd_name job_name separator_indicator

Explanation:  This message is issued when a new data set is received by the FSS’s FSA from JES. Job number, DD name, and job name are displayed, along with a print data set separator page indicator defined as follows:

NoSEP  No separator page is required.
START  A start data set separator page is required.
CONT   A continue data set separator page is required.

System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA

EZY6177I  fsswr_id printer_id RDS job_number dd_name smf_indicator

Explanation:  This message is issued if there is a data set at the stacker when RELDS is about to be issued. An indicator is issued at the end of the message as follows:

INCOMPLETE  RELDS is incomplete.
SMF=YES  An SMF type 6 record was requested.
SMF=NO   No SMF type 6 record was requested.

System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA

EZY6178I  fsswr_id printer_id EOF/EOG job_number dd_name record_count TRLR/NOTRLR

Explanation:  This message is issued to indicate that the data set has been marked for end-of-file or end-of-group. JES job number, DD name, and record count are shown in the message. The message will show either ‘EOF’ or ‘EOG’ between printer_id and job_number. ‘TRLR’ will appear at the end of the message to acknowledge the last data set in a JES2 output group or a JES3 job.

System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA

EZY6179I  fsswr_id printer_id SND job_number dd_name OOP-TRACKING

Explanation:  This message indicates that a tracking FSI SEND operation has been performed. Job number and DD name appear in the message.

System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA
EZY6180I  •  EZY6185I

EZY6180I  fsswtr_id printer_id FSA ENTERING WAIT
Explanation: The FSA associated with printer_id is waiting for work.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6181I  fsswtr_id printer_id FSA POSTED BY JES
Explanation: The FSI Order/Post ECB of the FSA associated with printer_id has been posted by JES.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6182I  fsswtr_id printer_id FSA POSTED BY JES, ORDID=fsa_order_id
Explanation: The FSI Order/Post ECB of the FSA associated with printer_id has been posted by JES with the ORDER ID displayed in the message.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6183I  fsswtr_id printer_id FSA POSTED BY NPRO TIMER POP
Explanation: The NPRO STIMERM ECB of the FSA associated with printer_id has been posted.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6184I  fsswtr_id printer_id FSA POSTED BY FSS
Explanation: The FSA associated with printer_id has been posted by the FSS.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6185I  fsswtr_id printer_id FSA DIRECTED BY FSS TO TERMINATE
Explanation: The FSA associated with printer_id has been posted by the FSS and directed to terminate.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA
EZY6186I  fsswtr_id printer_id START-FSA CONNECT FSIREQ SUCCESSFUL
Explanation: The FSA-CONNECT FSIREQ request succeeded.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6187I  fsswtr_id printer_id STOP-FSA DISCONNECT FSIREQ SUCCESSFUL
Explanation: The FSA-DISCONNECT FSIREQ request succeeded.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6188I  fsswtr_id printer_id DEVICE IS STARTING
Explanation: The FSA device is starting and is available for work.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6189I  fsswtr_id printer_id DEVICE IS STOPPING
Explanation: The FSA device is stopping and is not available for work.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6190I  fsswtr_id printer_id OPERATOR INTERVENTION ORDERED
Explanation: The FSA device requires operator intervention. The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA flush its device buffer and prepare for something that probably involves operator setup.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

EZY6191I  fsswtr_id printer_id DEVICE SYNC ORDERED
Explanation: The FSA has an asynchronous ORDER request via an FSIREQ requesting that the FSA synchronize its processing to the point of actual printing. That is, a JES command such as a device backspace or forward space has been issued and it should affect the dataset at the OOP (Operator Orientation Point).
System action: Processing continues.
Operator response: None.
EZY6192I  EZY6196I

System programmer response: None.
Module: EZAPPFA

---

EZY6192I  fsswtr_id printer_id DEVICE SET ORDERED

Explanation: The FSA has an asynchronous ORDER request via an FSIREQ requesting that the FSA reset some parameters. An example of this would be a JES2 $T command to change NPRO.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

---

EZY6193I  fsswtr_id printer_id OUT OF BUFFERS IN GETREC, TRYING AGAIN

Explanation: The GETREC FSIREQ could not get the required number of buffers.
System action: The request will be reissued.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

---

EZY6194I  fsswtr_id printer_id NOTIFY SENT TO USER=user_list

Explanation: The user IDs listed in user_list were found in the NOTIFY parameter on the OUTPUT JCL statement. Data set processing results will be sent to the users in the list.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

---

EZY6195I  fsswtr_id printer_id DATA SET AT OOP RESCHEDULED

Explanation: The data set at the Operator Orientation Point has been rescheduled.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA

---

EZY6196I  fsswtr_id printer_id DATA SET AT OOP CANCELED

Explanation: The data set at the Operator Orientation Point has been cancelled.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAPPFA
EZY6197I  fsswtr_id printer_id NO DATA SET AT OOP FOR SYNCH/OPINT
Explanation:  A SYNCH or OPINT command was processed but no data set exists at the Operator Orientation Point.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA

EZY6198I  fsswtr_id printer_id DEVICE BACK-SPACED
Explanation:  The data set at the Operator Orientation Point has been backspaced.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA

EZY6199I  fsswtr_id printer_id DEVICE FORWARD-SPACED
Explanation:  The data set at the Operator Orientation Point has been forward-spaced.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA

EZY6200I  fsswtr_id printer_id DEVICE SYNCH, ORDSYR1-4=synch_flags
Explanation:  This message is a general DEVICE SYNCH message. It displays the flags from the JES-to-FSA SYNCH ORDER.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPFA

EZY6201E  aaa bbbbbbbb ABENDED, ccccc CODE=dddd REASON=eeeeeeee
Explanation:  This message is presented by the NPF JES Capture Point ESTAE exit. The message contains information from an ABEND that occurred as follows:
aaa  Identifies the component that ABENDed. The value is either FSS or FSA.
bbbbbbbb  If aaa is FSS, bbbbbbbbb is the FSS writer ID. If aaa is FSA, bbbbbbbbb is the printer ID.
ccccc  indicates either a SYSTEM or a USER ABEND.
dddd  contains the ABEND code.
eeeeee  contains the reason code.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Use the information in this message as an aid to problem analysis.
Module:  EZAPPFE
EZY6202E  EZAPPFE FSS/FSA SVC DUMP COMPLETE

Explanation:  The SVC DUMP is complete. This message is issued from the NPF JES Capture Point ESTAE exit in conjunction with IEA794I.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Use the information in this message as an aid to problem analysis.

Module:  EZAPPFE

EZY6203E  FSS/FSA SVC DUMP FAILED, R15=aaaa, REASON=bbbb

Explanation:  The SVC DUMP failed. The return code from SDUMP (from register 15) is output in field aaaa. The reason code is output in field bbbb.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Use the information in this message as an aid to problem analysis.

Module:  EZAPPFE

EZY6204E  LRB FAILING INSTR WAS aaaaaaaaaaaa

Explanation:  This message displays the Last-RB failing instruction in field aaaaaaaaaaaa.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Use the information in this message as an aid to problem analysis.

Module:  EZAPPFE

EZY6205E  LRB PSW = aaaaaaaa aaaaaaaa ILC = b IC = cc

Explanation:  This message displays the Last-RB PSW in field aaaaaaaa aaaaaaaa, the Instruction Length Code in b, and the Interrupt Code in field cc.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Use the information in this message as an aid to problem analysis.

Module:  EZAPPFE

EZY6206E  LRB aaa = register register register register

Explanation:  This message displays four Last-RB registers starting with the register identified in field aaa. aaa is one of the following: R0, R4, R8, or RC.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Use the information in this message as an aid to problem analysis.

Module:  EZAPPFE

EZY6207R  REPLY "P" WHEN EZAPPFE MAY PERCOLATE, OR "TOE" (TIME-OF-ERROR) OR "LRB" (LAST-RB) FOR ERROR INFO RE-DISPLAY

Explanation:  This message enables you to display diagnostic data before the FSA or FSS task abends. EZAPPFE provides a basic ESTAE snapshot for these tasks. The operator must respond with either of the following replies:
EZY6214E • EZY6221E

P Causes EZAPPFE to percolate, which ends the FSA or FSS task, and takes an SVCDUMP.

TOE Redisplays the instruction at the time of the error, PSW, and registers, which can be used for diagnostic purposes.

LRB Redisplays the LAST RB information from the FSA or FSS task, which can be used for diagnostic purposes.

System action: The FSA or FSS task will end and an SVCDUMP will be taken.

Operator response: Save the system log and the dump for problem determination.

System programmer response: Check system log and console for related error messages.

Module: EZAPPFE

Procedure Name: SFSEEPI

---

EZY6214E TOE FAILING INSTR WAS aaaaaaaa

Explanation: This message displays the Time-Of-Error failing instruction in field aaaaaaaa.

System action: Processing ends.

Operator response: None.

System programmer response: Use the information in this message as an aid to problem analysis.

Module: EZAPPFE

---

EZY6215E TOE PSW = aaaaaaa aaaaaaaa ILC = b IC = cc

Explanation: This message displays the Time-Of-Error PSW in field aaaaaaaa aaaaaaaa, the Instruction Length Code in b, and the Interrupt Code in field cc.

System action: Processing ends.

Operator response: None.

System programmer response: Use the information in this message as an aid to problem analysis.

Module: EZAPPFE

---

EZY6216E LRB aaa = register register register register

Explanation: This message displays four Last-RB registers starting with the register identified in field aaa. aaa is one of the following: R0, R4, R8, or RC.

System action: Processing ends.

Operator response: None.

System programmer response: Use the information in this message as an aid to problem analysis.

Module: EZAPPFE

---

EZY6221E fswtr_id printer_id FSA-CONNECT FSIREQ FAILED, SSORETN=fsi_return_code

Explanation: The FSA-CONNECT FSIREQ was unsuccessful. This is an internal error.

System action: Processing ends.

Operator response: None.

System programmer response: Contact IBM Support.

Module: EZAPPFA
**EZY6222E • EZY6227E**

**EZY6222E  fsswtr_id printer_id FSA-CONNECT FSIREQ FAILED, R15=register_15_contents**

**Explanation:** The FSA-CONNECT FSIREQ was unsuccessful. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

**EZY6223E  fsswtr_id printer_id INVALID UCB ADDRESS PASSED FROM JES**

**Explanation:** The FSA detected that an invalid UCB address was passed from JES. This is an internal error.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

**EZY6224E  fsswtr_id printer_id GETMAIN FOR SMF WORK AREA FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its SMF work area. The GETMAIN failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPFA

**EZY6225E  fsswtr_id printer_id GETMAIN FOR PIPELINE WORK AREAS FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its PIPELINE work area. The GETMAIN failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPFA

**EZY6226E  fsswtr_id printer_id GETMAIN FOR FSI CKPT WORK AREA FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its FSI checkpoint work area. The GETMAIN failed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.

**Module:** EZAPPFA

**EZY6227E  fsswtr_id printer_id GETMAIN FOR SJF WORK AREA FAILED**

**Explanation:** The FSA tried to issue GETMAIN for its Scheduler JCL Facility work area. The GETMAIN failed.

**Operator response:** None.

**System programmer response:** Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.
EZY6228E • EZY6233E

System action:  Processing continues.
Module:  EZAPPFA

---

**EZY6228E**  GETMAIN FOR DEVICE DRIVER SDCB FAILED

Explanation:  The FSA tried to issue GETMAIN for its Device Driver’s Control Block. The GETMAIN failed.
System action:  The FSA ends.
Operator response:  None.
System programmer response:  Review any accompanying MVS system messages to try to determine if the GETMAIN failure was due to a correctable error. If the error cannot be corrected, contact IBM Support.
Module:  EZAPPFA

---

**EZY6230E**  fsswtr_id printer_id FSA-DISCONNECT FSIREQ SSOBRETN=fsireq_return_code

Explanation:  The FSA did not DISCONNECT successfully. The return code from FSIREQ is listed. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Contact IBM Support.
Module:  EZAPPFA

---

**EZY6231E**  fsswtr_id printer_id FSA-DISCONNECT FSIREQ R15=fsi_return_code

Explanation:  The FSA did not DISCONNECT successfully. The return code from the Subsystem Interface is listed. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Contact IBM Support.
Module:  EZAPPFA

---

**EZY6232E**  fsswtr_id printer_id ABNORMAL FSA DISCONNECT REQUESTED

Explanation:  The FSA cannot DISCONNECT successfully. The time frame for disconnection is invalid. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Contact IBM Support.
Module:  EZAPPFA

---

**EZY6233E**  fsswtr_id printer_id FSA DISCONNECT REFUSED, DEVICE STILL UP

Explanation:  The FSA cannot DISCONNECT successfully. The device is still active. This is an internal error. This is an internal error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Contact IBM Support.
Module:  EZAPPFA
EZY6234E  fsswtr_id printer_id START DEVICE ORDER REFUSED, ALREADY UP

Explanation:  The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA start its device. The FSA is already started. This is an internal error.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Contact IBM Support.

Module:  EZAPPFA

EZY6235E  fsswtr_id printer_id STOP DEVICE ORDER REFUSED, DEVICE NOT UP

Explanation:  The FSA has received an asynchronous ORDER request, via an FSIREQ, requesting that the FSA stop its device. The FSA is not started. This is an internal error.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Contact IBM Support.

Module:  EZAPPFA

EZY6236E  fsswtr_id printer_id UNSUPPORTED FSA ORDER, ORDID=fsa_order_id

Explanation:  The FSA has received an ORDER that is unsupported. This is an internal error.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Contact IBM Support.

Module:  EZAPPFA

EZY6237E  fsswtr_id printer_id GETDS FSIREQ FAILED, R15=fsireq_return_code

Explanation:  A GETDS FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Contact IBM Support.

Module:  EZAPPFA

EZY6238E  fsswtr_id printer_id GETREC FSIREQ FAILED, R15=fsireq_return_code

Explanation:  A GETREC FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Contact IBM Support.

Module:  EZAPPFA

EZY6239E  fsswtr_id printer_id FREEREC FSIREQ FAILED, R15=fsireq_return_code

Explanation:  A FREEREC FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action:  Data set processing ends.
EZY6240E  fsswtr_id printer_id  CKPT FSIREQ FAILED, R15=fsireq_return_code

Explanation: A CKPT FSIREQ call failed. The return code from the call is listed in the message. This is an internal error.

System action: Data set processing ends.

Operator response: None.

System programmer response: Contact IBM Support.

Module: EZAPPFA

EZY6241E  fsswtr_id printer_id  GETREC I/O ERROR (GLRIOE)

Explanation: An I/O error occurred during GETREC processing.

System action: The data set is held and processing continues.

Operator response: None.

System programmer response: Analyze accompanying MVS system messages to determine the cause of the error. Contact IBM Support if you are unable to correct the error.

Module: EZAPPFA

EZY6242E  fsswtr_id printer_id  INVALID FSI PARMLIST IN GETREC (GLRIPL)

Explanation: During a GETREC FSIREQ, an invalid FSI parmlist was encountered. This is an internal error.

System action: Data set Processing ends.

Operator response: None.

System programmer response: Contact IBM Support.

Module: EZAPPFA

EZY6243E  fsswtr_id printer_id  GETREC PROCESSING ERROR (GLRLGE)

Explanation: During a GETREC FSIREQ, an internal logic error was encountered.

System action: The dataset is held, and processing continues.

Operator response: None.

System programmer response: Contact IBM Support.

Module: EZAPPFA

EZY6244E  fsswtr_id printer_id  DEVICE DRIVER EXIT ID/RC = exit_vector_offset/return_code

Explanation: A nonzero return code was received from the device driver exit.

System action: Processing continues.

Operator response: None.

System programmer response: Contact IBM Support.

Module: EZAPPFA

Chapter 7. EZY6xxx messages  307
**EZY6251W • EZY6257W**

---

**EZY6251W  fsswtr_id printer_id FSA REQUESTED TERMINATION (FIT SEND)**

**Explanation:** An FSI SEND was issued to JES to request self-initiated termination.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPFA

---

**EZY6252W  fsswtr_id printer_id SJF ERROR, SJFREQ R15=sjfreq_return_code**

**Explanation:** An SJFREQ call failed, with the return code listed in the message.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6253W  fsswtr_id printer_id SJF RETRIEVE ERROR, SJFREREAS=sjfreq_reason_code**

**Explanation:** An SJF RETRIEVE error was detected that is not critical.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** On return from the SJF request, it was determined that some keywords were not found. This is assumed to be because the system JDTs are at a lower level than the list of keywords in the FSA module. Since that list is ordered by release date of keywords, it can be assumed that the needed information has been found.

**Module:** EZAPPFA

---

**EZY6255W  fsswtr_id printer_id RELDS FSIREQ ERROR, RC=relds_return_code**

**Explanation:** A RELDS FSIREQ call was issued for the data set at the stacker. The call was unsuccessful.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6256W  fsswtr_id printer_id TRACKING FSI SEND ERROR, RC=return_code**

**Explanation:** A tracking SEND FSIREQ call was issued for the data set at the Operator Orientation Point. The call failed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** Contact IBM Support.

**Module:** EZAPPFA

---

**EZY6257W  fsswtr_id printer_id FSI SEND FSIREQ ERROR, RC=fsi_req_return_code**

**Explanation:** An FSISEND call was issued to JES, but was unsuccessful.

**System action:** Processing continues.

**Operator response:** None.
System programmer response: Contact IBM Support.
Module: EZAPPFA

EZY6258W  fswtr_id printer_id SJF UNKNOWN ERROR, SJFREAS=sjfreq_reason_code
Explanation: An SJFREQ call was unsuccessful. The reason could not be determined.
System action: Processing continues.
Operator response: None.
System programmer response: Contact IBM Support.
Module: EZAPPFA

EZY6259W  fswtr_id printer_id NOTIFY SSI ERROR, R15=ssi_return_code, USER=user_list
Explanation: An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.
System action: Processing continues.
Operator response: None.
System programmer response: If you are unable to correct the conditions responsible for the NOTIFY failure, contact IBM Support.
Module: EZAPPFA

EZY6260W  fswtr_id printer_id NOTIFY ERROR, SSOBRETN=ssob_return_code
Explanation: An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.
System action: Processing continues.
Operator response: None.
System programmer response: If you are unable to correct the conditions responsible for the NOTIFY failure, contact IBM Support.
Module: EZAPPFA

EZY6261W  fswtr_id printer_id NOTIFY ERROR, SSNUERC=ssnu_error_code
Explanation: An attempt was made to notify a list of users that data set processing has been completed. The attempt was unsuccessful.
System action: Processing continues.
Operator response: None.
System programmer response: If you are unable to correct the conditions responsible for the NOTIFY failure, contact the IBM Software Support Center to report this error.
Module: EZAPPFA
Chapter 8. EZFxxx messages

**EZYFS01I** SECURE_CTRLCONN value must be CLEAR, SAFE, or PRIVATE

**Explanation:** While processing the FTP.DATA file, the server or client encountered the SECURE_CTRLCONN statement with a parameter value that was not CLEAR, SAFE, or PRIVATE. The only valid values are CLEAR, SAFE, and PRIVATE.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the z/OS Communications Server: IP Configuration Guide for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read_ftpdata

**EZYFS02I** SECURE_DATACONN value must be CLEAR, SAFE, PRIVATE, or NEVER

**Explanation:** While processing the FTP.DATA file, the server or client encountered the SECURE_DATACONN statement with a parameter value that was not CLEAR, SAFE, PRIVATE, or NEVER. The only valid values are CLEAR, SAFE, PRIVATE, and NEVER.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the z/OS Communications Server: IP Configuration Guide for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read_ftpdata

**EZYFS03I** SECURE_MECHANISM value must be GSSAPI, or TLS

**Explanation:** While processing the FTP.DATA file, the client encountered the SECURE_MECHANISM statement with a parameter value that was not GSSAPI or TLS. The only valid values are GSSAPI or TLS.

**System action:** The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the z/OS Communications Server: IP Configuration Guide for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read_ftpdata

**EZYFS04I** Maximum allowable number of ciphersuite statements has been specified

**Explanation:** While processing the FTP.DATA file, the server or client encountered the CIPHERSUITE statement after the maximum number of valid CIPHERSUITE statements have been processed. Only 20 CIPHERSUITE statements can be processed.
**EZYFS05I • EZYFS08I**

**System action:** The line containing the statement is ignored. Processing of the FTP.DATA file continues with the next line of the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Delete the extra ciphersuite statements.

**Module:** EZAFTPEP

**Procedure Name:** read_ftpdata

---

**EZYFS05I** Ciphersuite name is not supported

**Explanation:** While processing the FTP.DATA file, the server or client encountered the CIPHERSUITE statement with a parameter value that was not recognized.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line of the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the statement. See the [z/OS Communications Server: IP Configuration Guide](https://www.ibm.com/support/docdisplay?rs=961&docurl=zios/ComServer&cp=blm&docid=blm) for information about configuring the FTP server to use the TLS security mechanism.

**Module:** EZAFTPEP

**Procedure Name:** read_ftpdata

---

**EZYFS06I** Ciphersuite name has already been specified

**Explanation:** While processing the FTP.DATA file, the server or client encountered the CIPHERSUITE statement with a parameter name that has already been specified.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line of the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain no duplicate ciphersuite names.

**Module:** EZAFTPEP

**Procedure Name:** read_ftpdata

---

**EZYFS07I** smfkeyword value must be TYPE119 or a blank

**Explanation:** While processing the FTP.DATA file, the server encountered the SMF keyword parameter with a parameter value that was not TYPE119 or a blank. The only valid values for the smfkeyword parameter are TYPE119 and a blank.

`smfkeyword` is the FTP.DATA keyword for SMF record.

**System action:** The line containing the SMF parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/docdisplay?rs=961&docurl=zios/ComServer&cp=blm&docid=blm) for more information about the FTP.DATA file.

**Module:** EZAFTPEP

**Procedure Name:** read_ftpdata()

---

**EZYFS08I** Some characters cannot be translated between codeset_1 and codeset_2

**Explanation:** The SBDATACONN statement specified the code sets codeset_1 and codeset_2. The iconv() function was used to build a table for each of the 256 single byte character codepoints. Some of the codepoints do not have an equivalent codepoint.
System action: The tables are built and will be used during data transfer by FTP. If FTP detects a data byte during the transfer of the data that cannot be translated using the tables, FTP will use substitution characters if substitution is enabled, or otherwise fail the transfer.

Operator response: None.

System programmer response: Specify SBDATACONN with code set names that convert all of the codepoints. However, you can use the table if your data does not contain any of the untranslatable characters. To see which of the codepoints cannot be translated, start the client or server with the following trace specified in the FTP.DATA file:

```
DEBUG UTL ; utility services trace
```

Module: EZAFTPNX, EZAFTPCK

Procedure Name: setup_translate_tables, locsite

---

**EZYFS09I**  SBSUBCHAR must be either SPACE or a hexadecimal character.

**Explanation:** While processing the FTP.DATA file, the server encountered the SBSUBCHAR statement with a parameter value that was not SPACE, or a hexadecimal character. The only valid values for the SBSUBCHAR parameter are SPACE or a hexadecimal character.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/docview.wss?uid=swg24040496) for information about the parameters of the FTP.DATA file.

Module: EZAFTPEP

Procedure Name: read_ftpdata

---

**EZYFS10I** ENCODING value must be either SBCS or MBCS

**Explanation:** The ENCODING statement in the FTP.DATA file has a value that is not SBCS or MBCS. The only valid values are SBCS and MBCS.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/docview.wss?uid=swg24040496) for information about the parameters of the FTP.DATA file.

Module: EZAFTPEP

Procedure Name: read_ftpdata

---

**EZYFS11I** Multi-byte encoding does not support codepage as a file system codepage

**Explanation:** The format of the MBDATACONN statement in the FTP.DATA file is the following:

```
MBDATACONN (file_system_cp, network_transfer_cp).
```

The multi-byte encoding support for FTP allows codepages IBM-1388 and UTF-8 to be specified as the file system codepage.

`codepage` is the codepage name that was entered as the file system codepage.

**System action:** The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to use one of the supported file system codepages. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/docview.wss?uid=swg24040496) for information about the parameters of the FTP.DATA file.
**EZYFS12I • EZYFS16I**

Module: EZAFTPEP
Procedure Name: verifyMBdataconn

---

**EZYFS12I** Multi-byte encoding does not support codepage as a network transfer codepage

Explanation: The format of the MBDATACONN statement in the FTP.DATA file is the following:

```
MBDATACONN (file_system_cp, network_transfer_cp).
```

The multi-byte encoding support for FTP allows codepage IBM-5488 to be specified as the network transfer codepage.

codepage is the codepage name that was entered as the network transfer codepage.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response: Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to use one of the supported network transfer codepages. See the [z/OS Communications Server: IP Configuration Reference](#) for information about the MBDATACONN statement.

Module: EZAFTPEP
Procedure Name: verifyMBdataconn

---

**EZYFS13I** No conversion available to cp_name1 from cp_name2

Explanation: The MBDATACONN statement in the FTP.DATA file specified codepage names, but there is no supported code set converter for the code sets (codepages) that are specified.

cp_name1 is the codepage name to which the code is converted.

cp_name2 is the codepage name from which the code is converted.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response: Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to use one of the supported pairs of code sets (codepages). See the [z/OS XL C/C++ Programming Guide](#) for information about supported code set converters and valid code set names.

Module: EZAFTPEJ
Procedure Name: verifyMBdataconn

---

**EZYFS16I** SECURE_PASSWORD reset to REQUIRED

Explanation: After processing the FTP.DATA statements, the server cross-checked the values of the SECURE_LOGIN and SECURE_PASSWORD statements and found them to be in a combination that is not valid. SECURE_PASSWORD is coded with a value of OPTIONAL and SECURE_LOGIN has the value NO_CLIENT_AUTH. NO_CLIENT_AUTH indicates that the server does not request a certificate from the client, but SECURE_PASSWORD OPTIONAL means that a certificate is required for a session protected by the TLS security mechanism.

System action: Because the server will not request a certificate from the client, SECURE_PASSWORD is reset to REQUIRED. As a result, a password will be required for authentication of a TLS secured login.

Operator response: If the new value is acceptable, no action is required. Otherwise, contact the system programmer to change the SECURE_LOGIN setting to a value other than NO_CLIENT_AUTH in order to permit SECURE_PASSWORD OPTIONAL.

System programmer response: If necessary, update the FTP.DATA file with the correct values for SECURE_LOGIN and SECURE_PASSWORD. See [z/OS Communications Server: IP Configuration Reference](#) for information about the statements of the FTP.DATA file.
Module:  EZAFTPEP
Procedure Name:  read_ftpdata

EZYFS20I  Binary tagged file translated with current data connection translation table

Explanation:  The file that is to be transferred was tagged binary but the data type is ASCII. This is a warning to the
user that the file will be translated.

System action:  The file transfer continues.

Operator response:  If it is acceptable that the translation was done in ASCII, then no action is necessary. However, if
no translation should have been done, change the transfer type to binary and transfer the file again. See the z/OS
UNIX System Services Command Reference for information about the CHTAG command. See the z/OS Communications

System programmer response:  None

Module:  EZAFTPSM
Procedure Name:  hfs_sndFile()

EZYFS24I  SECURE_HOSTNAME value must be OPTIONAL or REQUIRED

Explanation:  While processing the FTP.DATA file, the client encountered the SECURE_HOSTNAME statement with
a parameter value that was not either REQUIRED or OPTIONAL. The only valid values are REQUIRED or
OPTIONAL.

System action:  The line containing the error is ignored. FTP.DATA file processing continues with the next line of the
file.

Operator response:  Contact the system programmer to correct the SECURE_HOSTNAME statement in the
FTP.DATA file.

System programmer response:  Correct the SECURE_HOSTNAME statement in the FTP.DATA file.

See the SECURE_HOSTNAME statement in z/OS Communications Server: IP Configuration Reference for more
information.

Module:  EZAFTPEP
Procedure Name:  read_ftpdata

EZYFS30W  FTP message catalog catlgenome returned an unexpected timestamp of timestamp1 - FTP expected
timestamp2 - FTP will use default messages

Explanation:  The time stamp that is contained in the catalog does not match the time stamp that FTP expects.

In the message text:

catlgenome
  The fully qualified name of the catalog that FTP is processing.

timestamp1
  The time stamp from the catalog, specified in the following format:
  yyyy ddd hh:mm UTC
  • yyyy is the year
  • ddd is the day (001 - 366)
  • hh is the hour (01 - 24)
  • mm is the minute (01 - 60)

timestamp2
  The time stamp that FTP expects to be in the catalog. This time stamp in the same format as the timestamp1
  value.

Example:
EZYFS31W FTP reply catalog /usr/lib/nls/msg/C/ftpdmsg.cat returned an unexpected timestamp of 2005.180 15:30 UTC - FTP expected 2006.091 06:30 UTC - FTP will use default messages

Explanation: The time stamp that is contained in the catalog does not match the time stamp that the FTP application expects.

In the message text:

**catlgname**

The name of the catalog that FTP opened.

**timestamp1**

The timestamp from the catalog, specified in the following format:

```
yyyy ddd hh:mm UTC
```

- `yyyy` is the year
- `ddd` is the day (001-366)
- `hh` is the hour (01-24)
- `mm` is the minute (01-60)

**timestamp2**

The time stamp that FTP expects to be in the catalog. This time stamp is in the same format as the `timestamp1` value.

Example:

EZYFS31W FTP reply catalog /usr/lib/nls/msg/C /ftpdmsg.cat returned an unexpected timestamp of 2005.180 15:30 UTC - FTP expected 2006.091 06:30 UTC - FTP will use default messages

System action: FTP uses the default messages. Message EZYFS32I follows this message and indicates the expected service level.

Operator response: No action needed.

User response: Contact the system programmer.

System programmer response: Ensure that the correct z/OS UNIX file system is attached and that the correct service level is applied to the z/OS UNIX file system. If a customized catalog is being used, verify that it is at the same service level as the current distribution level of the catalog that is specified in message EZYFS32I.

Problem determination: See the system programmer response.

Source: z/OS Communications Server TCP/IP: FTP

Module: EZAFTPCY

Routing code: 10

Descriptor code: 3
**EZYFS32I • EZYFS33I**

Descriptor code: 3

**EZYFS32I** The catalog `catlgname` must be at service level `svclevel`

Explanation: The specified message catalog is not at the expected service level. Message EZYFS30W or message EZYFS31W precedes this message and identifies the time stamps that resulted in the detection of a catalog mismatch.

In the message text:

`catlgname`

The catalog name.

`svclevel`

The service level (FMID or PTF) expected by the catalog.

Example: In the following example, the value UK91456 specifies the catalog that shipped as part of PTF UK91456.

EZYFS32I The catalog `/usr/lib/nls/msg/C /ftpdrply.msg` must be at service level UK91456

In the following example, the value HIP6190 specifies that the catalog should be at the same release level.

EZYFS32I The catalog `/usr/lib/nls/msg/C /ftpdmsg.msg` must be at service level HIP6190

System action: FTP uses the default messages.

Operator response: No action needed.

User response: Contact the system programmer.

System programmer response: Ensure that one of the following is true:

- The correct z/OS HFS file system is attached
- The correct service has been applied to the z/OS HFS
- A customized catalog is being used and is at the same level as the distribution level of the catalog that is specified in the message.

Problem determination: See the system programmer response.

Source: z/OS Communications Server TCP/IP: FTP

Module: EZAFTPCY

Routing code: 10

Descriptor code: 3

**EZYFS33I** FTP will remove `type` sequence numbers from input commands

Explanation: FTP is configured with the value TRUE on the SEQNUMSUPPORT parameter in the FTP.DATA file. Sequence numbers that have numerics in columns 1 - 8 on the input command (LEADING) are shifted left by 8 columns prior to processing the command. Sequence numbers that have numerics in the last 8 columns on the input command (TRAILING) have the last 8 columns replaced with blanks.

In the message text:

`type`

The type of sequence numbers detected. Possible values are:

**LEADING**

Indicates that columns 1 - 8 of the input contain numeric data; FTP treats this and subsequent records as having a sequence number in these columns. The following is an example of leading sequence numbers:

Input command: 00000130 cd /tmp Processed command: cd /tmp

**TRAILING**

Indicates that the last 8 columns of data that was read contains numeric data; FTP treats this and subsequent records as having a sequence number in these columns. The following is an example of trailing sequence numbers:

Input command: cd /tmp 00000130 Processed command: cd /tmp

Example:
EZYFS33I FTP will remove LEADING sequence numbers from input commands
EZYFS33I FTP will remove TRAILING sequence numbers from input commands

System action: FTP continues.

Operator response: No action needed.

User response: Do nothing if you intended to remove sequence numbers and FTP processes the input without errors. If you must deactivate FTP sequence number support, perform one of the following actions:

- If you are making a permanent change, contact the system programmer.
- When FTP runs in batch mode and you cannot change the FTP.DATA file, temporarily concatenate the required command to the FTP.DATA file:

  //SYSFTPD DD DSN=SYS1.TCPPARMS(FTPDATA),DISP=SHR CURRENT FTP.DATA FILE
  // DD *
  SEQNUMSUPP FALSE
  */

System programmer response: This message is issued only when the SEQNUMSUPP TRUE value is in effect. Ensure that the SEQNUMSUPP TRUE statement in the FTP.DATA file is appropriate for your installation.

Problem determination: See the system programmer response.

Source: z/OS Communications Server TCP/IP: FTP

Module: EZYFTPCU

Routing code: 10

Descriptor code: 12

EZYFS34W FTP will not remove type sequence numbers

Explaination: FTP is configured with the value FALSE on the SEQNUMSUPP parameter in the FTP.DATA file but FTP has detected possible sequence numbers in the input. These sequence numbers are not removed; however, this situation can cause an error in FTP processing.

In the message text:

*type*

The type of sequence numbers that were detected. Possible values are:

**LEADING**
A sequence number was detected in columns 1 - 8 of the input record.

**TRAILING**
A sequence number was detected in the last 8 bytes of the input record.

Example:

EZYFS34W FTP will not remove LEADING sequence numbers
EZYFS34W FTP will not remove TRAILING sequence numbers

System action: FTP continues processing the command.

Operator response: No action needed.

User response: Determine whether the input FTP subcommands contain sequence numbers. If the input does contain sequence numbers, do one of the following:

- Use an editor and remove sequence numbers.
- Add the SEQNUMSUPP TRUE value to the FTP.DATA file.
- When FTP runs in batch mode and you cannot change the FTP.DATA file, temporarily concatenate the required command to the FTP.DATA file:

  //SYSFTPD DD DSN=SYS1.TCPPARMS(FTPDATA),DISP=SHR CURRENT FTP.DATA FILE
  // DD *
  SEQNUMSUPP TRUE
  */

System programmer response: To ignore sequence numbers, add the SEQNUMSUPP TRUE parameter to the FTP.DATA file.
**EZYFS35I** FTP will not remove sequence numbers from input

**Explanation:** FTP is configured with the value TRUE on the SEQNUMSUPPORT parameter in the FTP.DATA file. While processing an input file, FTP detected a record that indicated that FTP should stop removing sequence numbers. See the SEQNUMSUPPORT statement in z/OS Communications Server: IP Configuration Reference.

**Example:** None.

**System action:** FTP processing continues.

**Operator response:** No action needed.

**User response:** If a command fails after this message was issued, ensure that the command does not have a sequence number that was interpreted as part of the command.

**System programmer response:** None.

**Problem determination:** None.

---

**EZYFS50I** ID=sessionID CONN starts Client IPaddr=ipaddr hostname=hostname

**Explanation:** This log entry is made by the FTP daemon when it accepts a client connection request. The keyword CONN identifies this entry as a connection log entry.

The keyword CONN uniquely identifies the session between a client and a server. The identifier is created by combining the jobname of the FTP daemon with a 5-digit number in the range 00000–99999. This identifier is in each log entry for the session until message EZYFS52I, which is the last entry for the session.

The keyword IPaddr is the IP address of the FTP client. The IP address might be either an IPv4 or an IPv6 address.

The keyword hostname is the name of the FTP client. If the name cannot be resolved, UNKNOWN is displayed.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logCONN

---

**EZYFS51I** ID=sessionID CONN fails Reason=reason Text=text

**Explanation:** This log entry is made by the FTP daemon or the server when a connection request fails. The keyword CONN uniquely identifies the session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

The keyword reason is a number code for the failure.

The keyword text is an explanation of the failure.

**System action:** The FTP connection ends.
**EZYFS52I**

**Operator response:** None.

**System programmer response:** Use the reason code in the log entry to choose from the following responses:

1. Examine your FTCHKIP user exit to determine why the connection was rejected.

2. If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.

3. If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.

4. If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.

5. If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.

6. If the FTP server trace was not active with the INT option, use the MODIFY operator command to activate the trace with the INT option. Ask the client to connect again to the server. Contact the IBM support center and provide the log entry message number, the reason number of the failure, and the FTP server trace of the failure.

7. Restart the daemon with a larger region size and ask the client to connect again to the server.

8. Restart the daemon with a larger region size and ask the client to connect again to the server.

9. Restart the daemon with a larger region size and ask the client to connect again to the server.

10. Contact the IBM support center and provide the log entry message number and reason number of the failure.

11. Restart the daemon with a larger region size and ask the client to reconnect to the server.

FTP sessions that are created as a result of a port scanner application testing for server response are likely to have this message logged for those sessions. The reason code will vary depending on the timing of the scanner’s disconnection process, with codes 2-6 being the most likely. To verify that a test for server response is the cause, check for that application running on the IP address reported in the associated EZYFS50I message and verify that the times correlate with its activities.

**Module:** EZAFTPBU

**Procedure Name:** logCONN

---

**EZYFS52I**

**ID=sessionID** **CONN ends** **Input=bytesIn** **Output=bytesOut**

**Explanation:** This log entry is made by the FTP server when an FTP session with the client ends. The keyword CONN identifies this entry as a connection log entry.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*bytesIn* is the count, in bytes, of the data that was transferred into the server with the data transfer commands (STOR, STOU, and APPE).

*bytesOut* is the count, in bytes, of the data that was transferred from the server with the data transfer command (RETR) and the list commands (LIST and NLST).

If a count is greater than or equal to one gigabyte (that is, 1,073,741,824 bytes), the count is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1,073,741,824 bytes is displayed as 1.00 GB
- 2,147,483,648 bytes is displayed as 2.00 GB
- 2,415,919,104 bytes is displayed as 2.25 GB

**System action:** The FTP connection ends.

**Operator response:** None.
**EZYFS54I • EZYFS55I**

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logCONN

---

**EZYFS54I ID=sessionID SECURE OK Mechanism=mechanism**

**Explanation:** This log entry is made by the FTP server to indicate that the connection with the client is protected by a security mechanism.

`sessionID` uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

`mechanism` is either TLS, TLS-P, or GSSAPI.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logSECURE

---

**EZYFS55I ID=sessionID SECURE fails Reason(reason) Text=text**

**Explanation:** This log entry is made by the FTP server when a request for security protection fails.

`sessionID` uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

`reason` is a number code for the failure.

`text` is an explanation of the failure.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** Use the reason code number in the message to determine your action as follows:

1. If your installation wants to provide TLS security for FTP connections, add the EXTENSIONS AUTH_TLS and the KEYRING statements to your FTP.DATA file and restart the FTP daemon. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session and handle appropriately for your installation.

2. If your installation wants to allow private data connections with TLS secure connections, change the SECURE_DATACONN statement in your FTP.DATA file to CLEAR or PRIVATE and restart the FTP daemon. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session with private data connections and handle appropriately for your installation.

3. If your installation wants to provide Kerberos security for FTP connections, add the EXTENSIONS AUTH_GSSAPI statement to your FTP.DATA file and restart the daemon. See the z/OS Communications Server: IP Configuration Guide for more information. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting a secure session and handle appropriately for your installation.

4. Use the MODIFY operator command to set the FTP server trace as follows: MODIFY jobname,DEBUG=(SOC(3),SEC). Then ask the client to try to connect to the FTP server again. Contact the IBM support center and provide the server trace and the log entry message.

5. If your installation wants to allow the USER command before the session is protected by a security mechanism, add the SECURE_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command before the USER command is sent.

6. If your installation wants to allow the PASS command before the session is protected by a security mechanism, add the SECURE_FTP ALLOWED statement to the FTP.DATA file and restart the daemon. If you require the security protection, then the client must send an AUTH command before the PASS command is sent.

---

Chapter 8. EZYFxxx messages 321
If your installation wants to allow commands before the session is protected by a security mechanism, add the
SECURE_FTP_ALLOWED statement to the FTPDATA file and restart the daemon. If you require the security
protection, then the client must send an AUTH command as the first command.

If GSSAPI connections are required, provide an FTP server that supports the IPv4 transport.

Module: EZAFTPBU
Procedure Name: logSECURE

EZYFS56I  ID=sessionID  ACCESS OK  USERID=userid

Explanation: This log entry is made by the FTP server to indicate a successful verification of the user that logged in
with the USER command. If the client changes the user ID during the session with another USER command, another
ACCESS entry is made to record the new user ID.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in
the log for this session ID.

userid is the name that was entered on the USER command

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logACCESS

EZYFS57I  ID=sessionID  ACCESS fails  USERID=userid  Reason=reason_code  Text=text

Explanation: This log entry is made by the FTP server when the access verification fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in
the log for this session ID.

userid is the login name (user ID).

reason_code is the code that corresponds to the failure.

text is an explanation of the failure.

System action: FTP continues. The client is still in session but is not logged in.
Operator response: None.
System programmer response: Use the reason_code, described in the following table, to determine your response. If
the identity of the client is needed, use the log entry message EZYFS50I for this session ID to determine the identity
of the FTP client that is accessing the FTP server with the USER or PASS command. If an FTP server trace is needed,
ensure that the ACC trace option is activated for the server trace before the client logs in. Use the MODIFY operator
command or an FTPDATA file statement to activate the trace.

<table>
<thead>
<tr>
<th>reason_code</th>
<th>System programmer response</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ask the client to reissue the USER and PASS commands, using the correct format of the</td>
</tr>
<tr>
<td></td>
<td>old_password/new_password/new_password on the PASS command.</td>
</tr>
<tr>
<td>2</td>
<td>Ask the client to reissue the USER and PASS commands, using the same password for both</td>
</tr>
<tr>
<td></td>
<td>occurrences of new_password.</td>
</tr>
<tr>
<td>3</td>
<td>The FTCHKPWD user exit of your installation rejected the user ID. Update the exit to accept</td>
</tr>
<tr>
<td></td>
<td>the user ID.</td>
</tr>
<tr>
<td>4</td>
<td>Ask the client to reissue the USER and PASS commands, using the correct password for the</td>
</tr>
<tr>
<td></td>
<td>user ID.</td>
</tr>
<tr>
<td>5</td>
<td>Ask the client to reissue the USER and PASS commands with valid user ID and password</td>
</tr>
<tr>
<td></td>
<td>values.</td>
</tr>
<tr>
<td>reason_code</td>
<td>System programmer response</td>
</tr>
<tr>
<td>-------------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>6</td>
<td>Ensure that programs being loaded from the address space of the FTP server are defined as program controlled. A corresponding ICH420I message is issued to identify the uncontrolled library where the load was done.</td>
</tr>
<tr>
<td>7</td>
<td>Ask the client to reissue the USER and PASS commands, using the format of old_password/new_password/new_password on the PASS command to provide a new password for the user ID.</td>
</tr>
<tr>
<td>8</td>
<td>Ask the client to reissue the USER and PASS commands, using the format of old_password/new_password/new_password on the PASS command with a new password that meets the installation’s requirements for passwords.</td>
</tr>
<tr>
<td>9</td>
<td>Typically, this code indicates that user access was denied by SAF services. For example, a user tried to log in to FTP with a user ID that was revoked. If your security product is IBM RACF, you can use the reason_code value associated with this code to determine why the user access was denied. The reason_code value contains the RACF return code and reason codes from the RACROUTE REQUEST=EXTRACT service. See the system macro information in z/OS Security Server RACROUTE Macro Reference for descriptions of the return and reason codes.</td>
</tr>
<tr>
<td>10</td>
<td>Determine why the user ID is no longer known, or ask the client to reissue the USER and PASS commands with a user ID that is known to the system.</td>
</tr>
<tr>
<td>11</td>
<td>Access to the user database by user ID is a function provided by the getpwnam() function of the operating system. Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.</td>
</tr>
<tr>
<td>12</td>
<td>The process group ID is set by the setgid() function of the operating system. If the FTP server ACC trace was active when the setgid() failed, the server made a trace entry with the errno of the failure. The errno is the UNIX System Services return code. These return codes are listed and described in the return codes (errno's) information in z/OS UNIX System Services Messages and Codes. Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.</td>
</tr>
<tr>
<td>13</td>
<td>Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.</td>
</tr>
<tr>
<td>14</td>
<td>Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.</td>
</tr>
<tr>
<td>15</td>
<td>Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.</td>
</tr>
<tr>
<td>16</td>
<td>Contact the IBM support center and provide the log entry message number, reason number of the failure, and the FTP server trace for the failure.</td>
</tr>
</tbody>
</table>
| 17          | Your installation has defined in the security product (for example, RACF) a SERVAUTH class and a profile for the port as follows: EZB.FTP.systemname.ftpd daemonname.PORTxxxx where xxxx is the port number of the FTP daemon. The user login is denied because of the following:  
- The session is protected by TLS.  
- The FTP.DATA file has the statement SECURE_LOGIN VERIFY_USER.  
- The user ID does not have read access to the profile.  
Give the user ID read access to the profile if the user needs to use TLS security. |
| 18          | The connection is protected by TLS security. However, the client did not send a certificate to the FTP server during the TLS handshake process. Either the client must send a certificate or you should change the FTP.DATA file statement to SECURE_LOGIN NO_CLIENT_AUTH. |
| 19          | The USER command is disabled for this client. Inform the client that he must end his current FTP session and connect again to provide the USER command and the PASS command with the correct password. |
| 20          | To allow anonymous logins with an active security mechanism, code the ANONYMOUSLEVEL statement in FTP.DATA file with a value greater than 2. |
reason_code | System programmer response
--- | ---
21 | Determine whether the certificate or ticket used to authenticate the user is associated in the security product with a different user.
22 | The server received a PASS command from the client that did not include a password. If your FTP client is z/OS, enter a password when prompted by the FTP client. For other FTP clients, consult vendor documentation.

**Module:** EZAFTPBU  
**Procedure Name:** logACCESS

**EZYFS58I**  
**ID=**sessionID **ALLOC permission denied MVS DSN=**dsname

**Explanation:** This log entry is made by the FTP server when it determines through the use of a SAF-compliant security product (for example, RACF) that the end user does not have permission to access the MVS data set for the command that is being processed.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*dsname* is the full MVS name of the data set.

**System action:** The MVS data set is not allocated.

**Operator response:** None.

**System programmer response:** If the user should be allowed to access the data set, update the security product to give permission for access to the MVS data set to the user identified in the log entry message EZYFS56I. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting access to the data set and handle appropriately for your installation.

**Module:** EZAFTPBU  
**Procedure Name:** logALLOC

**EZYFS59I**  
**ID=**sessionID **ALLOC permission denied HFS filename=**filename

**Explanation:** This log entry is made by the FTP server when it determines that the end user does not have permission to access the z/OS UNIX (HFS) file for the command that is being processed.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*filename* is the full z/OS UNIX file name of the file.

**System action:** The z/OS UNIX file is not allocated.

**Operator response:** None.

**System programmer response:** If the user should be allowed to access the file, update the permissions of the file and any directories in the path to allow access to the z/OS UNIX file for the user identified in the log entry message EZYFS56I. Otherwise, use the message EZYFS50I for this session ID to determine the identity of the FTP client that is requesting access to the file and handle appropriately for your installation.

**Module:** EZAFTPBU  
**Procedure Name:** logALLOC

**EZYFS60I**  
**ID=**sessionID **ALLOC OK action MVS DSN=**dsname

**Explanation:** This log entry is made by the FTP server when it successfully allocates an MVS data set.

*sessionID* uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates whether a new data set was created during allocation or an existing data set was used. The values for action are the following:
Create  A new data set was created.
Use     An existing data set was used.

dname is the full MVS name of the data set.

System action:  FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logALLOC

**EZYFS61I**  ID=sessionID ALLOC DDNAME=ddname VOLSER=volser DSORG=dsorg DISP=(disp)

Explanation: This log entry provides additional information about an MVS data set allocation.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

ddname is the ddname associated with the allocation.
volser is the first volume serial number associated with the allocation.

dsorg is the data set organization of the data set. Examples are DSORG=PS (physical sequential) and DSORG=PO (partitioned).

disp is the status and disposition of the allocation. Examples are DISP=(NEW,CATLG,CATLG) when a new data set is created and DISP=(SHR,KEEP) when an existing data set is retrieved.

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logALLOC

**EZYFS62I**  ID=sessionID ALLOC SMS Storclas=storclass Mgmtclas=mgmtclass Dataclas=dataclass

Explanation: This log entry provides additional information about an allocation for a new SMS-managed data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

storclass is the storage class of a new SMS-managed data set.

mgmtclass is the management class of a new SMS-managed data set.

dataclass is the data class of a new SMS-managed data set.

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logALLOC

**EZYFS63I**  ID=sessionID ALLOC fails action MVS DSN=dsname

Explanation: This log entry is made by the FTP server when it attempts to allocate an MVS data set and the allocation fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.
action indicates whether a new data set was to be created during allocation or an existing data set was to be used. The values for action are the following:

Create Create a new data set.
Use Use an existing data set.

dsnname is the full MVS name of the data set.

System action: The MVS data set is not allocated.
Operator response: None.
System programmer response: Look for log entry messages EZYFS64I and EZYFS65I for additional information.
Module: EZAFTPBU
Procedure Name: logALLOC

---

EZYFS64I  ID=sessionID  ALLOC  SVC 99  RC=rc  ERROR=err  INFO=info

Explanation: This log entry provides additional information about an unsuccessful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the z/OS MVS Programming: Authorized Assembler Services Guide.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

rc is the DYNALLOC Return Code when the allocation failed.
err is the hexadecimal DYNALLOC Error Reason Code returned when the allocation failed.
info is the hexadecimal DYNALLOC Information Reason Code returned when the allocation failed.

System action: The MVS data set is not allocated.
Operator response: None.
System programmer response: See the Error Reason Codes table in the z/OS MVS Programming: Authorized Assembler Services Guide for the meaning and action to be taken for the error. Also, look for the log entry message EZYFS65I for additional information.
Module: EZAFTPBU
Procedure Name: logALLOC

---

EZYFS65I  ID=sessionID  ALLOC  Message=text

Explanation: This log entry provides additional information about an unsuccessful allocation of an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the z/OS MVS Programming: Authorized Assembler Services Guide.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

text is the text of an extracted message from dynamic allocation. The following are examples of the failure messages that are extracted when the FTP server attempts to write to a data set that is currently being edited:

EZYFS65I FTP ID=FTPD100001 ALLOC  Message=IKJ56225I DATA SET USER33.TEST.SALLOC.A1 ALREADY IN USE, TRY LATER+
EZYFS65I FTP ID=FTPD100001 ALLOC  Message=IKJ56225I DATA SET IS ALLOCATED TO ANOTHER JOB OR USER

The IKJ56225I message numbers are data management numbers associated with dynamic allocation.

System action: The MVS data set is not allocated.
Operator response: None.
System programmer response: Look at the log entry for message EZYFS64I for additional information.
Module: EZAFTPBU
Procedure Name: logALLOC
**EZYFS66I**  ID=sessionID ALLOC SVC 99 S99ERSN = reason

**Explanation:** This log entry provides additional information about an unsuccessful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](https://pubs.boulder.ibm.com/infocenter/ibmsysmgz/v2r1m0/index.jsp?topic=%2Fcom.ibm.zos.r1m.ezyfxxm.doc%2Fmsg_ezyf66i.htm).

`sessionID` uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

`reason` is the hexadecimal SMS error reason code `S99ERSN`.

**System action:** The MVS data set is not allocated.

**Operator response:** Contact the system programmer.

**System programmer response:** See the [z/OS MVS Programming: Authorized Assembler Services Guide](https://pubs.boulder.ibm.com/infocenter/ibmsysmgz/v2r1m0/index.jsp?topic=%2Fcom.ibm.zos.r1m.ezyfxxm.doc%2Fmsg_ezyf66i.htm) for the SMS error reason codes and their meanings. Also, look for the log entry messages EZYFS64I and EZYFS65I for additional information.

**Module:** EZAFTPGU

**Procedure Name:** logALLOC

---

**EZYFS67I**  ID=sessionID ALLOC OK action HFS filename=filename

**Explanation:** This log entry is made by the FTP server when it successfully allocates a z/OS UNIX (HFS) file. `sessionID` uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

`action` indicates whether a new file was created during allocation or an existing file was used. The values for action are the following:

- **Create**  A new file was created.
- **Use**  An existing file was used.

`filename` is the full z/OS UNIX file name.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPBU

**Procedure Name:** logALLOC

---

**EZYFS68I**  ID=sessionID ALLOC fails action HFS filename=filename

**Explanation:** This log entry is made by the FTP server when it attempts to allocate a z/OS UNIX (HFS) file and the allocation fails.

`sessionID` uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

`action` indicates whether a new file was to be created during allocation or an existing file was to be used. The values for action are the following:

- **Create**  Create a new file.
- **Use**  Use an existing file.

`filename` is the full z/OS UNIX file name.

**System action:** The z/OS UNIX file is not allocated.

**Operator response:** None.

**System programmer response:** Look for log entry message EZYFS69I for additional information.
Module: EZAFTPBU
Procedure Name: logALLOC

EZYFS69I  ID=sessionID ALLOC Errno=err  Text=text
Explanation: This log entry provides additional information about an unsuccessful allocation for a z/OS UNIX file.
sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

er is the errno value that is returned from the fopen() function that attempted the allocation.

text is a description of the error.

System action: FTP continues.
Operator response: None.
System programmer response: See the [z/OS XL C/C++ Run-Time Library Reference](#) for a description of the failure errno values for the fopen() function. *errno* are the UNIX System Services return codes. These return codes are listed and described in the [return codes (errnos) information](#) in z/OS UNIX System Services Messages and Codes. If you are not able to correct the problem using the failure descriptions, contact the IBM support center and provide the log entry message number and *errno* value of the failure.

Module: EZAFTPBU
Procedure Name: logALLOC

EZYFS70I  ID=sessionID DEALL OK  action  MVS DSN=dsname
Explanation: This log entry is made by the FTP server when it successfully deallocates an MVS data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates the action taken when the data set was deallocated. The following are the values for action:
- **Release**: Deallocate and keep the data set.
- **Delete**: Deallocate and delete the data set.

A data set is usually released at the end of a transfer command. The exception is when a newly created data set is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. An MVS data set is also deallocated with delete when the DELE command is processed by the server.

dsn is the full MVS name of the data set.

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logDEALL

EZYFS71I  ID=sessionID DEALL fails  action  MVS DSN=dsname
Explanation: This log entry is made by the FTP server when it attempts to deallocate an MVS data set and the deallocation fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates the action taken when the data set was deallocated. The following are the values for action:
- **Release**: Deallocate and keep the data set.
Delete  

Deallocate and delete the data set.

A data set is usually released at the end of a transfer command. The exception is when a newly created data set is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTP.DATA file or by the SITE command. An MVS data set is also deallocated with delete when the DELE command is processed by the server.

dname is the full MVS name of the data set.

System action:  The MVS data set is not deallocated.
Operator response:  None.
System programmer response:  Look for log entry message EZYFS72I for additional information.
Module:  EZAFTPBU
Procedure Name:  logDEALL

EZYFS72I  ID=sessionID  DEALL  SVC  99  RC=rc  ERROR=err  INFO=info

Explanation:  This log entry provides additional information about an unsuccessful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the z/OS MVS Programming: Authorized Assembler Services Guide.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.
rc is the decimal DYNALLOC Return Code when the deallocation failed.
err is the decimal DYNALLOC Error Reason Code returned when the deallocation failed.
info is the hexadecimal DYNALLOC Information Reason Code returned when the deallocation failed.
System action:  The MVS data set is not deallocated.
Operator response:  None.
System programmer response:  See the Error Reason Codes table in the z/OS MVS Programming: Authorized Assembler Services Guide for meaning and action to be taken for the error.

Module:  EZAFTPBU
Procedure Name:  logDEALL

EZYFS73I  ID=sessionID  DEALL  SVC  99  S99ERSN = reason

Explanation:  This log entry provides additional information about an unsuccessful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the z/OS MVS Programming: Authorized Assembler Services Guide.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.
reason is the hexadecimal SMS error reason code S99ERSN.
System action:  The MVS data set might not be deallocated correctly.
Operator response:  Contact the system programmer.
System programmer response:  See the SMS error reason codes and their meanings. Also, look for the log entry message EZYFS72I for additional information.

Module:  EZAFTPBU
Procedure Name:  logDEALL
**EZYFS74I • EZYFS77I**

---

**EZYFS74I**  
**ID=sessionID ALLOC SVC 99 S99INFO = info**

**Explanation:** This log entry provides additional information about a successful allocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](https://www.ibm.com).  

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*info* is the hexadecimal informational reason code S99INFO.

**System action:** The MVS data set is allocated. FTP continues.

**Operator response:** Contact the system programmer.

**System programmer response:** The S99INFO information reason code provides additional information about any errors that occurred during the allocation that did not cause the allocation to fail. See the [z/OS MVS Programming: Authorized Assembler Services Guide](https://www.ibm.com) for a description of the S99INFO value.

**Module:** EZAFTPGU  
**Procedure Name:** logALLOC

---

**EZYFS75I**  
**ID=sessionID DEALL SVC 99 S99INFO = info**

**Explanation:** This log entry provides additional information about a successful deallocation for an MVS data set. The information is returned by SVC 99 and is defined in the dynamic allocation chapters of the [z/OS MVS Programming: Authorized Assembler Services Guide](https://www.ibm.com).

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*info* is the hexadecimal informational reason code S99INFO.

**System action:** The MVS data set is deallocated. FTP continues.

**Operator response:** Contact the system programmer.

**System programmer response:** The S99INFO information reason code provides additional information about any errors that occurred during the deallocation that did not cause the deallocation to fail. See the [z/OS MVS Programming: Authorized Assembler Services Guide](https://www.ibm.com) for a description of the S99INFO value.

**Module:** EZAFTPBU  
**Procedure Name:** logDEALL

---

**EZYFS77I**  
**ID=sessionID DEALL OK action HFS filename=filename**

**Explanation:** This log entry is made by the FTP server when it successfully deallocates a z/OS UNIX (HFS) file.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

*action* indicates the action taken when the file was deallocated. The following are the values for action:

- **Release**  
  Deallocate and keep the file.

- **Delete**  
  Deallocate and delete the file.

A file is usually released at the end of a transfer command. The exception is when a newly created file is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTPDATA file or by the SITE command. A file is also deallocated and deleted when the DELE command is processed by the server.

*filename* is the full z/OS UNIX file name.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** None.
Module: EZAFTPBU
Procedure Name: logDEALL

EZYFS78I  ID=sessionID DEALL fails action  HFS filename=filename
Explanation: This log entry is made by the FTP server when it attempts to deallocate a z/OS UNIX (HFS) file and the deallocation fails.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action indicates the action taken when the file was deallocated. The following are the values for action:

Release  Deallocate and keep the file.
Delete   Deallocate and delete the file.

A file is usually released at the end of a transfer command. The exception is when a newly created file is deleted because the transfer failed and the CONDDISP DELETE option was chosen in the FTPDATA file or by the SITE command. A file is also deallocated and deleted when the DELE command is processed by the server.

filename is the full z/OS UNIX file name.

System action: The file is not deallocated.

Operator response: None.

System programmer response: Look for log entry message EZYFS79I for additional information.
Module: EZAFTPBU
Procedure Name: logDEALL

EZYFS79I  ID=sessionID DEALL Errno=err Text=text
Explanation: This log entry provides additional information about an unsuccessful deallocation for a z/OS UNIX (HFS) file.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

err is the errno value that is returned by the function that was used to deallocate the file.

text is a description of the error.

System action: FTP continues.

Operator response: None.

System programmer response: Look for message EZYFS78I that precedes this message in the log. If the action in the message is Release, the function fclose() was used to deallocate the file. If the action in the message is Delete, the function remove() was used to deallocate the file. The z/OS XL C/C++ Run-Time Library Reference describes the failure values for the fclose() and remove() functions. If you are not able to correct the problem using the failure descriptions, contact the IBM Software Support Center and provide the log entry message number, the errno value, and the description of the failure.
Module: EZAFTPBU
Procedure Name: logDEALL

EZYFS80I  ID=sessionID TRANS Reply=reply
Explanation: This log entry is the last entry made by the FTP server for a data transfer command process. It logs the reply that is sent to the client to report the completion of the data transfer.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.
reply is data that begins with a 3-digit reply code followed by the text for the reply. The first digit of the 3-digit reply indicates success or failure defined as follows:

2  Positive Completion reply. The requested action has been successfully completed.
4  Transient Negative Completion reply. The command was not accepted and the requested action did not take place, but the error condition is temporary and the action might be requested again.
5  Permanent Negative Completion reply. The command was not accepted and the requested action did not take place.

For more information about FTP reply codes, see RFC 959. See “Related protocol specifications,” on page 565 for information about accessing RFCs.

System action:  FTP continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAFTPBU
Procedure Name:  logTRANS

EZYFS81I ID=sessionID TRANS MVS DSN=dsname

Explanation:  This log entry is the first entry made by the FTP server for a data transfer command process for an MVS data set. It logs the name of the MVS data set that the server is sending from or receiving into.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

dname is the full MVS name of the data set.

System action:  FTP continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAFTPBU
Procedure Name:  logTRANS

EZYFS82I ID=sessionID TRANS HFS filename=filename

Explanation:  This log entry is the first entry made by the FTP server for a data transfer command process for a z/OS UNIX (HFS) file. It logs the name of the z/OS UNIX file that the server is sending from or receiving into.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

filename is the full z/OS UNIX file name.

System action:  FTP continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAFTPBU
Procedure Name:  logTRANS

EZYFS83I ID=sessionID TRANS Stru=stru Mode=mode Type=type Input=bytesIn

Explanation:  This log entry contains information about an input data transfer from the perspective of the FTP server. Processing for a STOR, STOU, or APPE command results in an input data transfer.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.
stru is the data structure for the transfer. The following are the values for stru:

- F  file structure
- R  record structure

mode is the transmission mode. The following are the values for mode:

- S  stream mode
- B  block mode
- C  compressed mode

type is the data type. The following are the values for type:

- A  ASCII
- E  EBCDIC
- I  binary (image)
- U  UCS2
- B  DBCS

bytesIn is the number of bytes transferred on the data connection for this command. If a number is greater than or equal to one gigabyte (that is, 1 073 741 824 bytes), the number is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:

- 1 073 741 824 bytes is displayed as 1.00 GB
- 2 147 483 648 bytes is displayed as 2.00 GB
- 2 415 919 104 bytes is displayed as 2.25 GB

System action:  FTP continues.

Operator response:  None.

System programmer response:  None.

Module:  EZAFTPBU

Procedure Name:  logTRANS

Explanation:  This log entry contains information about an output data transfer from the perspective of the FTP server. Processing for a RETR command results in an output data transfer.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

stru is the data structure for the transfer. The following are the values for stru:

- F  file structure
- R  record structure

mode is the transmission mode. The following are the values for mode:

- S  stream mode
- B  block mode
- C  compressed mode

type is the data type. The following are the values for type:

- A  ASCII
- E  EBCDIC
binary (image)
UCS2
DBCS

bytesOut is the number of bytes transferred on the data connection for this command. If a number is greater than or equal to one gigabyte (that is, 1,073,741,824 bytes), the number is displayed as a number of gigabytes rounded to the nearest hundredth of a gigabyte. Some examples are:
• 1,073,741,824 bytes is displayed as 1.00 GB
• 2,147,483,648 bytes is displayed as 2.00 GB
• 2,415,919,104 bytes is displayed as 2.25 GB

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logTRANS

EZYFS85I  ID=sessionID  TRANS JES JobID=jobid  DDNAME=ddname  SpoolFile=spool
Explaination: This log entry is the first entry made by the FTP server for a data transfer that returns the output from a job when the FTP filetype is JES.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

jobid is the job identifier associated with the JES job.

ddname is the ddname associated with spool file.

spool is the name of the spool file.

This message is followed in the log by a message EZYFS84I and EZYFS80I.

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logTRANS

EZYFS86I  ID=sessionID  TRANS Confidence=confidence_level

Explaination: This log entry is written by the FTP server to report the confidence level in the successful completion of a file transfer when CHKConfidence TRUE is specified or defaulted to in the server FTP:DATA data set. The preceding message EZYFS81I or EZYFS82I contains the name of the data set or file being stored by the server.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

confidence_level is the level of confidence that the FTP server has in the completion of the transfer. Values for confidence_level are:

High  While successful completion of the transfer cannot be guaranteed, the FTP server did not detect a reason to doubt completion of the transfer.

NoEOF  The FTP server detected a missing EOF marker in a STRU R or MODE B or C inbound file. This level is reported only when no other problem is detected.

Low  The FTP server detected a problem with completion of the transfer such as the failure of the client to respond after the transfer or another reported error. Low overrides NoEOF if both conditions are present.
Unknown

This confidence level is reported when the direction of the file transfer was outbound. If an error occurs while shutting down the data connection, then confidence in an outbound transfer will be reported as Low. In all other cases, the confidence level is reported as Unknown because the server cannot perform any other checks on an outbound transfer.

System action: FTP continues.
Operator response: Check to see whether the transfer completed successfully and retry, if necessary.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logTRANS()

EZYFS91I  ID=sessionID SUBMIT JES JobID=jobid
Explanation: This log entry is made by the FTP server for a data transfer that submitted a job when the FTP filetype is JES.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

jobid is the job identifier associated with the JES job. The job identifier is used later by the client end user to retrieve the output of the submitted job.

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logSUBMIT

EZYFS92I  ID=sessionID QUERY SQL filename=filename
Explanation: This log entry is the first entry made for a data transfer of a report requested when the FTP filetype is SQL.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

filename is the full z/OS UNIX file name or MVS data set name that contains the select statement used to make the query.

This message is followed in the log by messages EZYFS84I and EZYFS80I.

System action: FTP continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPBU
Procedure Name: logQUERY

EZYFS95I  ID=sessionID ABEND action COMP_CODE=code DSN=dsname
Explanation: This log entry records the system completion code when an ABEND occurs during an event for an MVS data set.

sessionID uniquely identifies the FTP session between a client and a server. Message EZYFS50I is the first message in the log for this session ID.

action is the name of the operation in progress when the failure occurred. The values are READ, WRITE, and CLOSE.

code is the ABEND completion code.
dsname is the full MVS name of the data set.

The following is an example of an ABEND message that occurs when the receiving data set is too small to hold the data that is transferred:

EZYF595I ID=FTPDJG100001 ABEND WRITE COMP_CODE=D37-04 DSN=USER33.TOOBIG

System action: FTP continues.

Operator response: None.

System programmer response: See the z/OS MVS System Codes for the system programmer response for the completion code in this message.

Module: EZAFTPBU

Procedure Name: logABEND

EZYF01I Unable to open message catalog ‘message catalog’. error text. Using FTP’s default messages.

Explanation: An attempt was made to open the FTP server’s message catalog (named ‘ftpdmsg.cat’) in the directory determined by the NLSPATH and LANG environment variables, but the catalog could not be opened for the reason explained in error text.

System action: Processing continues. Default messages will be used.

Operator response: None.

System programmer response: If a message catalog is desired, stop the server, correct the problem as indicated by the error text, and restart the server.

Module: EZAFTPDM

EZYF02E Filename exceeds maximum valid length of max.

Explanation: The FTP server was processing a statement in the FTP.DATA file that requires a file name, such as SBDATACONN or SOCKSCONFIGFILE. The file name specified is longer than max characters. This message is preceded by message EZYFT46E which locates the error in the FTP.DATA file. The keyword is ignored and the FTP server continues with the next keyword.

System action: FTP continues.

Operator response: None.

System programmer response: Correct the file name provided on the statement in the FTP.DATA file. See the z/OS Communications Server: IP Configuration Reference for information about the parameters of the FTP.DATA file.

Module: EZAFTPPEP

EZYF04E Invalid syntax. The syntax must be: (value1,value2)

Explanation: The value provided for a statement in the FTP.DATA file does not have valid syntax. This message is preceded by message EZYFT46E which locates the error in the FTP.DATA file.

System action: The statement is ignored. Processing continues.

Operator response: Contact the System programmer with both messages to have the FTP.DATA file corrected.

System programmer response: Use the EZYFT46E message to locate the error in the FTP.DATA file, and correct the error described by this message.

System action: Processing continues.

Module: EZAFTPPEP
EZYFT05I  Volume_serial_list is not a valid VOLume parameter.

Explanation: While processing the VOLUME statement in the FTPDATA file, a syntax error was detected in volume_serial_list.

System action: The line containing the error is ignored. Processing of the FTPDATA file continues.

Operator response: Contact the System programmer with the error message to correct the FTPDATA file.

System programmer response: Correct the FTPDATA file to contain the correct value for volume_serial_list. See the z/OS Communications Server: IP Configuration Reference for more information about the parameters of the FTPDATA file.

Module: EZAFTPEP

Procedure Name: read_ftpdata()

EZYFT06I  Using internal messages for replies because there is no reply catalog available.

Explanation: FTP was unable to locate or open a reply catalog (ftpdrply.cat). The reply texts contained within the FTP modules will be used for FTP replies.

System action: Processing continues.

Operator response: None.

System programmer response: If an external reply catalog is desired, either place a copy of ftpdrply.cat in the 'C' subdirectory of your nls path, or use the REPLYLANGUAGE parameter in the FTPDATA file to establish one or more reply catalogs to be used. See the z/OS Communications Server: IP Configuration Reference for information about the parameters of the FTPDATA file.

Module: EZAFTPEP

EZYFT07E  UMASK value 'value' not a valid octal value

Explanation: The value, value, specified for the UMASK keyword in the FTPDATA configuration file was not a valid 3 character octal number. The value of the UMASK keyword must be a 3 character octal number in the range of 000 - 777.

System action: The keyword is ignored. Processing continues with the next keyword.

Operator response: Notify the system programmer of the problem.

System programmer response: Correct the value specified for UMASK in the FTPDATA file. See the z/OS Communications Server: IP Configuration Reference for information about the parameters of the FTPDATA file.

Module: EZAFTPEP

EZYFT08W  Unable to get port number from etc.services : error

Explanation: The FTP server was unable to retrieve its port number from the etc.services file. error is the error message returned by the C run-time library for the failing getservbyname() routine.

System action: Processing continues. The FTP server will attempt to use either the value of the PORT start option, if specified, or the default port of port 21.

Operator response: None.

System programmer response: Verify the search path to the ETC.SERVICES file and verify that an entry exists in the appropriate ETC.SERVICES file for FTP. If the PORT start option is specified, or if PORT 21 is an acceptable default port, this message may be ignored. Otherwise, add an entry for the ftp server to the appropriate etc.services file. See the z/OS Communications Server: IP Configuration Reference for information about configuring the etc.services file for the FTP server.

Module: EZAFTPDM

Chapter 8. EZYFxxx messages  337
EZYFT09I  EZYFT15E

EZYFT09I  system information for nodename: sysname version version release release (machine)

Explanation: This is an informational message describing the MVS host which the ftp server is running on. nodename is the name of the node within an implementation-specified communication network. sysname is the name of the implementation of the operating system. version is the version level of the operating system. release is the release level of the operating system. machine is the name of the hardware type the system is running on.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPDM

EZYFT12E  socket error : error

Explanation: The ftp server encountered an error while attempting to create the socket for the control port. error is the C run-time library error message returned for the failing socket() call.

System action: If TCP/IP is not available (resource temporarily unavailable), the FTP server will try again in 60 seconds. If any other error has occurred, the FTP server is ended with exit code 0012.

Operator response: None.

System programmer response: If error indicates that a resource is temporarily unavailable, ensure that TCP/IP has been started. Otherwise, correct the error indicated by error and restart the FTP server.

Module: EZAFTPSK

EZYFT13E  bind error : error

Explanation: The ftp server encountered an error while attempting to bind the socket for the control port. error is the C run-time library error message returned for the failing bind() call.

System action: The FTP server is ended.

Operator response: None.

System programmer response: Correct the error indicated by error.

Module: EZAFTPSD

EZYFT14E  listen error : error

Explanation: The ftp server encountered an error while attempting to listen on the socket for the control port. error is the C run-time library error message returned for the failing listen() call.

System action: The FTP server is ended.

Operator response: None.

System programmer response: Correct the error indicated by error.

Module: EZAFTPSK

EZYFT15E  selectex error : error

Explanation: The ftp server encountered an error while attempting to setup the control port. error is the C run-time library error message returned for the failing selectex() call.

System action: The FTP server is ended.

Operator response: None.

System programmer response: Correct the error indicated by error.

Module: EZAFTPSK
**EZYFT16E  accept error : error**

**Explanation:** The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing accept() call.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPSK

**EZYFT17E  getsockopt error : error**

**Explanation:** The ftp server encountered an error while attempting to setup the control port. *error* is the C run-time library error message returned for the failing getsockopt() call.

**System action:** The FTP server is ended.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *error*.

**Module:** EZAFTPSK

**EZYFT18I Using catalog *catalog* for FTP messages.**

**Explanation:** The messages issued by FTP server or client is retrieved from the message catalog in *catalog*.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAFTPDM and EZAFTPCY

**EZYFT19E Unrecognized code page name: *name*’

**Explanation:** A CTRLCONN statement in the FTP.DATA file has an invalid value. Valid values include ‘7bit’ or name of a code set that is recognized as part of the code set converters used by z/OS UNIX System Services. This message follows message EZYFT46E that provides the location of the error.

**System action:** The statement is ignored. Processing continues.

**Operator response:** None.

**System programmer response:** Use EZYFT46E to locate the error within the FTP.DATA file. See "Code Set Converters Supplied" in [z/OS XL C/C++ Programming Guide](https://www.ibm.com) for a list of recognized code pages. The code page name must be entered exactly as it appears in the list.

**Module:** EZAFTPEP

**EZYFT20E Invalid parameter length. Maximum length for parameter 1 is *max1*. Maximum length for parameter 2 is *max2*.**

**Explanation:** An invalid parameter length was encountered while processing a statement in the FTP.DATA file. This message follows message EZYFT46E which provides the location of the error.

**System action:** The line in FTP.DATA containing the error is ignored. Processing continues.

**Operator response:** Contact the System programmer with the error message to have the FTP.DATA file corrected.

**System programmer response:** Correct the FTP.DATA file to contain the correct value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com) for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPEP
EZYFT21I • EZYFT24E

EZYFT21I  Using catalog ‘file’ for FTP replies.
Explanation:  The FTP replies sent to the client by the FTP server will be retrieved from the catalog in file.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  EZAFTEP

EZYFT22E  Unexpected end of file.
Explanation:  The FTP server was attempting to load a translation table, but an unexpected end of file occurred while attempting to read the file. This message will be preceded by message EZY2689E which will identify the file being read at the time of the error.
System action:  The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.
Operator response:  None.
System programmer response:  Determine why end of file was encountered. It might be necessary to rebuild the TCPXLBIN file using the CONVXLATE command.
Module:  EZAFTPDY

EZYFT23E  No conversion available between CTRLCONN parameter (‘parameter’) and the FTP server’s code page (‘codepage’).
Explanation:  The FTP server was processing a CTRLCONN parameter in the FTP.DATA file. The parameter value (parameter) does not indicate a valid ASCII choice for establishing translate tables for FTP’s control connection. Valid values include ‘7bit’ (specified in lower, upper, or mixed case) and single-byte ASCII code set names that are recognized by the iconv function.
System action:  The CTRLCONN statement is ignored. The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.
Operator response:  None.
System programmer response:  If an iconv-generated translate table is desired for the control connection, correct the CTRLCONN statement and restart the FTP server. See z/OS XL C/C++ Programming Guide for information about supported code set converters and the code set names recognized by iconv.
Note:  If the FTP server is running in a double-byte code page, the CTRLCONN parameter cannot be used to establish translate tables for the control connection.
Module:  EZAFTPNX

EZYFT24E  Unable to set up conversion between ‘page1’ and ‘page2’.
Explanation:  The FTP server was processing either a CTRLCONN or SBDATACONN parameter in the FTP.DATA file. A code set converter was successfully opened, but an error occurred while attempting to set up single-byte translate tables using the indicated code sets page1 and page2.
System action:  The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the internally provided translation tables are used.
Operator response:  None.
System programmer response:  Valid code sets are listed in the z/OS XL C/C++ Programming Guide in the section about the code set converters supplied. If the requested code sets are double-byte code sets, the use of CTRLCONN or SBDATACONN to establish translate tables is not supported, and the statement should be removed from the FTP.DATA file. FTP validates the results of ICONV and returns an error if there are missing code points. If the code sets are valid single-byte code sets, an internal error has occurred. Contact the IBM Software Support Center with this message and the FTP trace output, if it is available.
Module: EZAFTPNX

EZYFT25I   Using file for FTP translation tables for the control connection.
Explanation: file is the name of the file that was used to set up the translate tables for the control connection.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPNX

EZYFT26I   Using 7-bit conversion derived from 'codeset1' and 'codeset2' for the control connection.
Explanation: The FTP server has processed a CTRLCONN statement in the FTP.DATA file. The statement indicated a 7-bit table was desired. The code set codeset1 was used for the ASCII code set, and codeset2 was used for the EBCDIC code set, but only 7-bit translations appear in the translate table.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPNX

EZYFT27I   Using conversion between 'codeset1' and 'codeset2' for the control connection.
Explanation: The FTP server has processed a CTRLCONN statement in the FTP.DATA file. The translate table for the control connection was built using code set codeset1 for the ASCII code set, and codeset2 for the EBCDIC code set.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPNX

EZYFT28W   Unable to use iconv to establish default translate tables for the control connection. Using internal tables.
Explanation: FTP was unable to use iconv to build 7-bit translate tables based on ISO8859-1 and the current host code set. Internal 7-bit tables will be used. This will occur if the FTP server is running in a double-byte code page and no other translate tables were found in the search order.
System action: Processing continues.
Operator response: None.
System programmer response: If the FTP server is running in a single-byte code page, an internal error has occurred. Contact the IBM support center with this error message and the output from the FTP server trace.
Module: EZAFTPNX

EZYFT29I   Using conversion between 'codeset1' and 'codeset2' for the data connection.
Explanation: The FTP server has processed a SBDATACONN statement in the FTP.DATA file. The translate table for the data connection was built using code set codeset1 for the EBCDIC code set, and codeset2 for the ASCII code set.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPNX
EZYFT30E  No conversion available between SBDATACONN parameters: 'parm1' and 'parm2'.

Explanation: The FTP server was processing an SBDATACONN parameter in the FTP.DATA file. There is no supported code set converter for the code sets parm1 and parm2. Valid code sets for the first SBDATACONN parameter include the single-byte EBCDIC code set names recognized by the iconv function; valid code sets for the second parameter include the single-byte ASCII code set names.

System action: The SBDATACONN statement is ignored. The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translation tables set up for the control connection will also be used for the data connection.

Operator response: None.

System programmer response: If an iconv-generated translate table is desired for the data connection, correct the SBDATACONN statement and restart the FTP server. See z/OS XL C/C++ Programming Guide for information about supported code set converters and the code set names recognized by iconv.

Module: EZAFTPNX

EZYFT31I  Using file for FTP translation tables for the data connection.

Explanation: file is either the file name or the ddname for the file that was used to build the translate tables for the data connection.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPNX

EZYFT32I  Using the same translate tables for the control and data connections.

Explanation: The FTP server was not able to set up translate tables following the search order for the data connection: DD: SYSFTSX, SBDATACONN or XLATE in FTP.DATA, TCPXLBIN file. The same translate table established for the control connection will also be used for the data connection.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPNX

EZYFT33I  Unable to open DDNAME 'ddname' for the data connection: reason

Explanation: The FTP server attempted to open ddname for data connection translate tables, but the open failed for the specified reason.

System action: The FTP server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translate tables set up from the control connection will also be used for the data connection.

Operator response: If ddname is the desired file, correct the error specified by reason. If the desired translation table is further in the search order, no action is necessary.

System programmer response: If ddname is the desired file, correct the error specified by reason. If the desired translation table is further in the search order, no action is necessary.

Module: EZAFTPNX
Sigaction for signal failed: error (errno/errnojr)

Explanation: The FTP server encountered an error while attempting to setup the signal handler for the signal specified by signal. If the signal handler is not correctly enabled, the server will continue processing, but certain functions controlled by the failing signal will not function properly. Functions controlled by the signals are:

SIGABND handler controls error reporting and cleanup functions when an abend occurs. If sigaction fails for SIGABND and an abend occurs, trace information about the abend will be lost and certain resources might not be properly cleaned up.

SIGCHLD handler controls cleanup of zombie processes when a client connection is ended. If sigaction fails for SIGCHLD, zombie processes will not be cleaned up when a client connection is ended.

SIGTERM handler controls cleanup of resources during termination. If sigaction fails for SIGTERM, the FTP server will not be cleanly terminated when an MVS operator STOP command is issued or when the server process is killed.

SIGURG handler controls the processing of Out of Band data, such as the ABOR subcommand. If sigaction fails for SIGURG, OOB data will not be received or processed by the server.

error is the error returned by the C run-time library for the failing sigaction() call.

errno is the UNIX System Services return code. These return codes are listed and described in the return codes (errno) information in z/OS UNIX System Services Messages and Codes.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.

System action: Processing continues; however, the functions controlled by the failing signal will not function properly.

Operator response: None.

System programmer response: None.

Module: EZAFTPDM, EZAFTPRX, EZAFTPHC

FTP server initialization failed - error

Explanation: The FTP server was unable to successfully complete initialization. error is the error returned by the C Runtime Library for the failing function.

System action: The FTP server is ended.

Operator response: None.

System programmer response: Correct the error indicated by error.

Module: EZAFTPDM

Server-FTP: process id pid, server job name jobname

Explanation: This is an information message indicating the process ID (pid) and the server job name (jobname) of the FTP server after initialization has completed. The jobname can be used in an MVS operator STOP command to stop the FTP server, or in an MVS operator MODIFY command to control tracing for the ftp server. The process ID can be used in an OMVS “kill” command to terminate the server. The process ID can also be used to identify trace entries for the FTP server in the SYSLOGD output files.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPSK
EZYFT42E  •  EZYFT46E

EZYFT42E  Unable to use file ‘file’ for translate tables for the data connection.

Explanation:  The FTP server was unable to load the translate tables from the file file that was specified by an SBDATACONN or XLATE statement in the FTP.DATA file. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

System action:  The SBDATACONN or XLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translation tables set up for the control connection will also be used for the data connection.

Operator response:  None.

System programmer response:  If file specified by the SBDATACONN or XLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module:  EZAFTPNX

EZYFT43E  Unrecognized LOADDBCSTABLES parameter: parameter. Parameter ignored.

Explanation:  The LOADDBCSTABLES statement in the TCPIP.DATA file contains an invalid parameter (parameter).

System action:  The parameter is ignored by FTP. The rest of the parameters on the statement are processed. Processing continues.

Operator response:  None.

System programmer response:  Correct the LOADDBCSTABLES statement in the TCPIPDATA file. If the needed keywords were not already present in the LOADDBCSTABLES statement, stop and restart the FTP server.

Module:  EZAFTPDM

EZYFT44E  Translate table is too small.

Explanation:  The FTP server encountered an error while processing a TCPXLBIN file. The file must be exactly 768 bytes in length.

System action:  The FTP server continues through the translate table search order, attempting to find a valid translation table.

Operator response:  None.

System programmer response:  Verify that the TCPXLBIN file being used has the correct format.

Module:  EZAFTPDY

EZYFT45E  Translate table is too large.

Explanation:  The FTP server encountered an error while processing a TCPXLBIN file. The file must be exactly 768 bytes in length.

This error will occur if a valid translate table is copied and line control characters are added for each line of the table. (That is, the size of the table is now 771 bytes.)

System action:  The FTP server continues through the translate table search order, attempting to find a valid translation table.

Operator response:  None.

System programmer response:  Verify that the TCPXLBIN file being used has the correct format.

Module:  EZAFTPDY

EZYFT46E  Error in name file: line line_number near column column_number

Explanation:  An error was detected in the FTP.DATA file. name is the name of the file being used as the FTP.DATA file. This will be either “DD=SYSFTPD”, indicating that the FTP.DATA file is the one specified by the SYSFTPD DD statement, or it will be the actual file name if the FTP.DATA file was not the one specified on the SYSFTPD DD
statement. \textit{line\_number} is the number of the line in the FTP.DAT file which contains the error. \textit{column\_number} is the approximate location of the error within the line.

\textbf{System action:} The line containing the error is ignored. Processing of the FTP.DAT file continues with the next line in the file.

\textbf{Operator response:} This message should be followed by another message which describes the error. Contact the System programmer with both messages to have the FTP.DAT file corrected.

\textbf{System programmer response:} This message should be followed by another message which describes the error. Correct the error described by the second message.

\textbf{Module:} EZAFTPEP

\begin{verbatim}
EZYFT47I  ftp_data file, line line_number: Ignoring keyword “keyword”.

Explanation: While processing the FTP.DAT file, the FTP server encountered a keyword that was valid for another FTP server or the FTP client, but that is unsupported by this server. Or, the FTP server is ignoring keyword because it is inconsistent with another keyword in FTP.DAT.

In the message text:

\textit{ftp\_data} \\
The name of the file being used as the FTP.DAT file.

\textit{line\_number} \\
The number of the line in the FTP.DAT file that contains the error.

\textit{keyword} \\
The FTP configuration statement that is being ignored.

These keywords are ignored when the default or explicit ANONYMOUSLEVEL value does not support the keyword:
- ANONYMOUSHFSFILEMODE
- ANONYMOUSHFSDIRMODE
- ANONYMOUSFILETYPEJEQ
- ANONYMOUSFILETYPESEQ
- ANONYMOUSFILETYPESQL
- EMAILADDRCHECK
- ANONYMOUSFILEACCESS

These keywords are ignored when ANONYMOUS is not explicitly defined in FTP.DAT.
- ANONYMOUSHFSFILEMODE
- ANONYMOUSHFSDIRMODE
- ANONYMOUSFILETYPEJEQ
- ANONYMOUSFILETYPESEQ
- ANONYMOUSFILETYPESQL
- EMAILADDRCHECK
- ANONYMOUSFILEACCESS
- ANONYMOUSLEVEL

These keywords are ignored when the TLSMECHANISM ATTLS parameter is explicitly defined in FTP.DAT.
- KEYRING
- CIPHERSUITE
- TLSTIMEOUT

\textbf{System action:} The FTP server ignores the keyword.

\textbf{Operator response:} Contact the system programmer.

\textbf{System programmer response:} If the FTP.DAT file is used only by the FTP server, and is not shared with another server or client that needs the keyword, remove the keyword from the FTP.DAT file. See the \textit{z/OS Communications Server: IP Configuration Reference} for information about the parameters of the FTP.DAT file.

\textbf{Module:} EZAFTPEP
\end{verbatim}
EZYFT48E  Error opening STDOUT or STDERR to /dev/null : error

Explanation: During FTP server initialization, the FTP server attempted to open STDOUT and STDERR to /dev/null. The open was unsuccessful. error is the error message returned by the C run-time library.

System action: The FTP server continues; however, without the STDOUT or STDIN file the LIST and NLST commands will be rejected for z/OS UNIX files.

Operator response: Contact the system programmer.

System programmer response: Correct the error indicated by error.

Module: EZAFTPDM

EZYFT49I  Statement statement parameter must be one of the following: list_of_supported_parameters

Explanation: A statement in FTP.DATA is coded with a parameter that is not supported.

statement is the statement that is coded incorrectly.

list_of_supported_parameters is a list of parameters that are supported for this statement.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response: Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Change statement in FTP.DATA file to specify a supported parameter. See z/OS Communications Server: IP Configuration Reference for information about supported parameters for statements coded in FTP.DATA.

Module: EZAFTPEP

Procedure Name: read_ftpdata()

EZYFT50E  JESRECFM value must be one of: F, V, or *.

Explanation: While processing the FTP.DATA file, the FTP server encountered the JESRECFM parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

System action: The line containing the JESRECFM parameter is ignored. Processing continues with the next line in the file.

Operator response: Contact the system programmer with the error message.

System programmer response: Correct the value of the JESRECFM parameter in the FTP.DATA file to be a valid record format. See the z/OS Communications Server: IP Configuration Reference for information about the parameters of the FTP.DATA file.

Module: EZAFTPEP

EZYFT53E  Unable to execute FTP server load module module : reason

Explanation: The FTP server issued an execv() for the load module named module but the execv() failed for the specified reason. The FTP server is unable to process incoming connections.

System action: The FTP session for the connecting client is ended. The FTP daemon remains active, awaiting client connections.

Operator response: Contact the system programmer.

System programmer response: Correct the error indicated by reason.

Module: EZAFTPSK
**EZYFT54E**  
**FTP initialization terminated because TCP/IP Base feature of OS/390 is not enabled.**

**Explanation:** The FTP server attempted to register as product=OS/390 feature=TCP/IP_BASE but IFAPRDxx parmlib member does not indicate that the feature TCP/IP_BASE is enabled. This FTP server will only run if TCP/IP_BASE is enabled.

**System action:** The FTP initialization is ended.

**Operator response:** Contact the system programmer.

**System programmer response:** Correct the IFAPRDxx parmlib member if it is in error and restart the FTP daemon. If TCP/IP_BASE is not part of your system there is no action to take and this FTP server cannot be used.

**Module:** EZAFTPDM

---

**EZYFT55E**  
**STARTDIREc tor value must be either MVS or HFS.**

**Explanation:** While processing the FTP.DATA file, the FTP Server encountered the STARTDIREctoryst parameter, but the value specified for the parameter was not a valid value. The value must be one of the values listed in the message.

**System action:** The line containing the STARTDIREctoryst parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Correct the value of the STARTDIREctoryst parameter in the FTP.DATA file to be a valid column heading. See the [z/OS Communications Server: IP Configuration Reference](https://www.ibm.com/support/docview.wss?uid=swg21003408) for information about the parameters of the FTP.DATA file.

**Module:** EZAFTPDM

---

**EZYFT56W**  
**Unable to register with WLM, diagnostic code = reason**

**Explanation:** While processing the FTP.DATA file, the keyword WLMClustername was encountered. Processing this keyword has failed.

`reason` is the decimal reason code returned from the WLM sysplex registration service IWMSRSRG. See [z/OS MVS Programming: Workload Management Services](https://www.ibm.com/support/docview.wss?uid=swg21386253) for an explanation of `reason`.

**System action:** The line containing the WLMClustername parameter is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** Use the explanation of `reason` to correct the error.

---

**EZYFT57I**  
**FTP registering with WLM as group = group host = host**

**Explanation:** FTP has registered with WLM to create a new name in the DNS database. The group name in this message can now be used by FTP clients to connect to any in an equivalent group of FTP servers running in a sysplex. This is done to balance connections.

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

---

**EZYFT58W**  
**SMF STD overrides smfxxxx on line line**

**Explanation:** While processing the FTP.DATA file, the FTP Server encountered both SMF STD and SMFxxxx. If SMF STD is coded, none of the SMFxxxx options can be coded.

**System action:** The line containing the smfxxxx option is ignored. Processing continues with the next line in the file.

**Operator response:** Contact the system programmer with the error message.

**System programmer response:** If using SMF STD, remove all SMFxxxx options from FTP.DATA. See the [z/OS Communications Server: TCP/IP Planning and Administration](https://www.ibm.com/support/docview.wss?uid=swg21386555)
Communications Server: IP Configuration Reference for information about the parameters of the FTP.DATA file.

Module: EZAFTPEP

**EZYFT59I**  
**FTP shutdown complete.**

**Explanation:** The FTP daemon has been terminated either by an MVS operator STOP command, or by an OMVS kill command. No new FTP sessions will be accepted.

**System action:** The FTP daemon ends. Any FTP sessions currently active are not affected.

**Operator response:** None.

**System programmer response:** None.

Module: EZAFTPDH

**EZYFT60I**  
Both CCXLATE and CTRLCONN were specified. CCXLATE will be ignored.

**Explanation:** The FTP daemon has encountered both CCXLATE and CTRLCONN keywords in FTP.DATA. Each is used to specify an initial translate table for the control connection, but CTRLCONN is preferred. When both keywords are present in FTP.DATA, the CTRLCONN value will be used for the server configuration and the CCXLATE value will be ignored.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** To avoid this message, remove either the CCXLATE or CTRLCONN statement from the FTP.DATA file.

Module: EZAFTPEP

**EZYFT61I**  
Both XLATE and SBDATACONN were specified. XLATE will be ignored.

**Explanation:** The FTP daemon has encountered both XLATE and SBDATACONN keywords in FTP.DATA. Each is used to specify the initial translate table for the data connection, but SBDATACONN is preferred. When both keywords are present in FTP.DATA, the XLATE value will be ignored. The SBDATACONN value will be used for the server configuration unless DD:SYSFTSX has been defined.

**System action:** FTP continues.

**Operator response:** None.

**System programmer response:** To avoid this message, remove either the XLATE or SBDATACONN statement from the FTP.DATA file.

Module: EZAFTPEP

**EZYFT62E**  
Unable to use file 'file' for translate tables for the control connection.

**Explanation:** The FTP server was unable to load the translate tables from the file file that was specified by a CCXLATE statement in the FTP.DATA file. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

**System action:** The CCXLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, default 7-bit translate tables will be built.

**Operator response:** None.

**System programmer response:** If file specified by the CCXLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module: EZAFTPNX

348  z/OS V1R11.0 Comm Svr: IP Messages Volume 3 (EZY)
EZYFT63E Unable to use CCXLATE configuration parameter name

Explanation: The FTP server was unable either to locate or to use the file determined by the CCXLATE statement in the FTPDATA file. (The file name is hlq.name.TCPXLBIN unless this name was superseded by an environment variable called _FTPXLATE_name that defines a file name.) This message will be preceded or followed by another message with additional information. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

System action: The CCXLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, default 7-bit translate tables will be built.

Operator response: None.

System programmer response: If file specified by the CCXLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module: EZAFTPNX

EZYFT64E Unable to use XLATE configuration parameter name

Explanation: The FTP server was unable either to locate or to use the file determined by the XLATE statement in the FTPDATA file. (The file name is hlq.name.TCPXLBIN unless this name was superseded by an environment variable called _FTPXLATE_name that defines a file name.) This message will be preceded or followed by another message with additional information. If FTP tracing was enabled during initialization, additional messages will precede this one with more specific detail about the error encountered. Possible errors include an invalid header record or incorrect file length. (The file must contain exactly 768 bytes of data.)

System action: The XLATE statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table. If no translation tables are found, the translate tables established for the control connection will also be used for the data connection.

Operator response: None.

System programmer response: If file specified by the XLATE statement is desired, determine why it was not usable, correct the problem, and stop and restart the FTP server.

Module: EZAFTPNX

EZYFT65E Filename defined by environment variable variable exceeds the maximum length of length

Explanation: The FTPDATA file contains a ‘CCLXATE name’ (or ‘XLATE name’) statement to specify translate tables for the control (or data) connection, but the _FTPXLATE_name environment variable defines a file name that is too long and cannot be used for the translate tables file. This message will be followed by another message that displays the CCXLATE (or XLATE) parameter from FTPDATA.

System action: The CCXLATE (or XLATE) statement is ignored. The FTP Server will continue through the search order of translation tables attempting to find a good translation table.

Operator response: None.

System programmer response: If tracing was active when the FTP server was initialized, all existing environment variables will be displayed in the trace. Ensure that the _FTPXLATE_name variable is correct and that it specifies a file name that is not longer than length characters.

Module: EZAFTPNX

EZYFT67E UCOUNT value value is not valid. Value must be P, or an integer from 1 through 59.

Explanation: While processing the FTPDATA file, the server encountered the UCOUNT parameter with a value that was not a numeric value from 1 through 59, nor was it the letter P. Only values 1 to 59, or the letter P, are valid values for the UCOUNT parameter.

System action: The line containing the error is ignored. Processing of the FTPDATA file continues.

Operator response: Contact the System programmer with the error message to have the FTPDATA file corrected.
EZYFT68I  ANONYMOUSFILEACCESS value must be MVS, HFS, or BOTH

Explanation: While processing the FTP.DATA file, the ANONYMOUSFILEACCESS parameter was encountered with a value other than MVS, HFS, or BOTH. These are the only valid values for ANONYMOUSFILEACCESS.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response: Contact the System programmer with the error message to have the statement in the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for information about the parameters of the FTP.DATA file.

Module: EZAFTPEP

Procedure Name: read_fptdata()

EZYFT69I  parameter value value is not valid -- parameter value must be three octal digits

Explanation: While processing the FTP.DATA file, a parameter was encountered that requires a 3-digit octal value. The actual value specified, value, is not three octal digits. Parameter is the parameter in error.

System action: The line containing the error is ignored. Processing of the FTP.DATA file continues with the next line in the file.

Operator response: Contact the System programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for information about the parameters of the FTP.DATA file.

Module: EZAFTPEP

Procedure Name: read_fptdata()

EZYFT70I  SERVER-FTP: ACCEPTING CONNECTIONS

Explanation: The FTP Server is accepting connections from all known common INET (CINET) stacks. This message appears when the MVS operator has just started a CINET stack, and the FTP server has recognized the new stack as well as other CINET stacks active at the time.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: EZAFTPSD

EZYFT71E  operation failed in function - error

Explanation: The FTP server encountered a severe error.

operation is the operation in progress.

function is the C Library function that failed and returned an error.

error is the C run-time library error message for the failure. For more information, see z/OS Language Environment Run-Time Messages.
EZYFT72I • EZYFT74I

System action: The FTP server ends.
Operator response: Contact the system programmer.
System programmer response: Correct the error indicated by error. If you are unable to resolve the problem, contact the IBM Software Support Center and report the contents of this message.
Module: N/A
Procedure Name: N/A

EZYFT72I FTP SERVER SUSPENDING INCOMING CONNECTIONS

Explanation: The FTP server stopped accepting incoming connections because a common INET (CINET) stack just started. While the FTP server is reinitializing, no connections can be accepted. This condition is temporary. Message EZYFT70I will follow when the FTP server is accepting connections again.
System action: Processing continues.
Operator response: Wait for message EZYFT70I before attempting to connect to the FTP server.
System programmer response: None.
Module: EZAFTPSD

EZYFT73I ANONYMOUS LOGINS NOT ALLOWED -- REASON IS reason code

Explanation: The FTP server found the ANONYMOUS statement in FTP.DATA; however, the server is not allowing anonymous logins due to an FTP configuration error. The reason code indicates the nature of the configuration error. Furthermore, the FTP trace will contain messages further describing the error. When reason code is:
1 The FTP daemon was unable to locate the anonymous root directory. A possible reason for this is the userid specified on the ANONYMOUS statement is not defined in the user database.
2 The FTP daemon was unable to locate the executable file ls in the bin subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the z/OS Communications Server: IP User's Guide and Commands.
3 The FTP daemon was unable to locate the executable file sh in the bin subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the z/OS Communications Server: IP User's Guide and Commands.
4 The FTP daemon was unable to locate the executable file ftpdns in the /usr/sbin/ subdirectory of the anonymous root directory. A possible reason for this is the system programmer did not set up the root directory as directed in the z/OS Communications Server: IP User's Guide and Commands.
5 ANONYMOUSLEVEL value must be greater than or equal to 3 to support the SURROGATE parameter as an anonymous password.

System action: FTP logs the reason it is not allowing anonymous logins. FTP continues processing. Attempts to log in as userid anonymous will fail.
Operator response: Report the error to the system programmer.
System programmer response: If you do not want the FTP server to accept anonymous logins, remove the ANONYMOUS statement from FTP.DATA. If you do want the FTP server to accept anonymous logins, correct the error indicated by reason code. Inspecting the FTP trace for error messages related to not allowing anonymous logins might provide useful information. Trace must be active at startup to capture error messages related to anonymous FTP configuration. See z/OS Communications Server: IP User's Guide and Commands for information about configuring the FTP server for anonymous logins.
Module: EZAFTPSD

EZYFT74I Using internal translate tables for the control connection.

Explanation: A CTRLCONN statement in the FTP.DATA file specified a value of FTP_STANDARD_TABLE. FTP will use its internal translate tables, which are the same as the tables that are shipped in TCPXLBIN(STANDARD), for the control connection.
System action: Processing continues.
Operator response: None.
EZYFT75I • EZYFT78I

System programmer response: None.
Module: EZAFTPNX

EZYFT75I Using internal translate tables for the data connection.
Explanation: An SBDATACONN statement in the FTPDATA file specified a value of FTP_STANDARD_TABLE. FTP will use its internal translate tables, which are the same as the tables that are shipped in TCPXLBIN(STDRAI), for the data connection.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: EZAFTPNX

EZYFT76I EXTensions value value not recognized.
Explanation: While processing the FTPDATA file, the server encountered the EXTensions statement with a value that was not SIZE, MDTM, REST_STREAM, AUTH_GSSAPI, AUTH_TLS, or UTF8. Only these values are valid for the EXTensions parameter.
value is the value encountered.
System action: The line containing the error is ignored. Processing of the FTPDATA file continues.
Operator response: Contact the system programmer with the error message to correct the FTPDATA file.
System programmer response: Correct the FTPDATA file to contain a valid value for the specified parameter. See the [z/OS Communications Server: IP Configuration Reference] for information about the statements of the FTPDATA file.
Module: EZAFTPEP
Procedure Name: read_ftpData

EZYFT77W Unable to set address space nonswappable - error
Explanation: The FTP daemon was unable to set its address space to nonswappable as requested in the FTPDATA file.
error is the error message returned by the C run-time library for the failing __mlockall() routine.
System action: Processing continues. The FTP daemon will run with swappable memory.
Operator response: None.
System programmer response: Determine the meaning of the error message using [z/OS Language Environment Run-Time Messages]. If the text of the message is EDC5139I 0peration not permitted then verify that the daemon (FTPD) has at least READ access to the FACILITY class resource BPX.STOR.SWAP. See [z/OS Communications Server: IP Configuration Reference] for information about configuring the FTP daemon to be nonswappable.
Module: EZAFTPDM
Procedure Name: set_nonswap

EZYFT78I lowport value lowport cannot exceed highport value highport
Explanation: FTP encountered an error while processing a PASSIVEDATAPORTS statement in the FTPDATA file. The value specified for the lowest allowed port number is greater than the value specified for the highest allowed port number. This is not allowed.
lowport is the value specified for the lowest allowed port number.
highport is the value specified for the highest allowed port number.
System action: The current statement is ignored. FTP continues processing.
Operator response: Correct the erroneous statement in the FTPDATA file, and restart FTP. See the [z/OS]
EZYFT80I • EZYFT82I

System programmer response: None.
Module: EZAFTPEP
Procedure Name: read_fptdata()

---

EZYFT80I  MODIFY COMMAND IGNORED - NO VALUE WAS SPECIFIED FOR trace

Explanation: A MODIFY command was issued to the FTP server to change the values for the FTP general trace or for the FTP extended trace. No trace value was specified. A command to change a trace must have at least one value specified.

trace is the trace that is being changed and can be one of the following:

**DEBUG**
FTP general trace

**DUMP**  FTP extended trace

System action: The command is ignored.

Operator response: Verify that the MODIFY command was entered correctly. See the [z/OS Communications Server: IP Diagnosis Guide](http://www.ibm.com/support/docview.wss?uid=swg21366610) for information about diagnosing FTP server problems with traces and for the values of the DEBUG and DUMP parameters of the MODIFY command.

System programmer response: None.
Module: EZAFTPDF
Procedure Name: mvs_command_handler

---

EZYFT81I  UNSUPPORTED trace VALUES - value_1 ... value_n

Explanation: A MODIFY command was issued to the FTP server to change the values for the FTP general trace or for the FTP extended trace.

trace is the trace that is being changed and can be one of the following:

**DEBUG**
FTP general trace

**DUMP**  FTP extended trace

The list shows the values that were specified that are not supported.

System action: The unsupported values are ignored.

Operator response: Verify that the MODIFY command was entered correctly. See the [z/OS Communications Server: IP Diagnosis Guide](http://www.ibm.com/support/docview.wss?uid=swg21366610) for information about diagnosing FTP server problems with traces and for the values of the DUMP parameter of the MODIFY command that apply to JES.

System programmer response: None.
Module: EZAFTPDF
Procedure Name: mvs_command_handler

---

EZYFT82I  ACTIVE SERVER TRACES - name_1 ... name_n

Explanation: This message displays the active FTP server general traces. This message is issued when a MODIFY command is issued to the FTP server to change the values for the FTP general trace.

name_x can be one of the following:

**ACC** access control (logging in)

**CMD** command trace

**INT** program initialization and termination
**EZYST83I**

FLO function flow  
FSC(1) file services -- level 1  
FSC(2) file services -- level 2  
FSC(3) file services -- level 3  
FSC(4) file services -- level 4  
FSC(5) file services -- level 5  
FSC(6) file services -- level 6  
FSC(7) file services -- level 7  
FSC(8) file services -- level 8  
JES JES processing  
NONE no trace is active  
PAR parser details  
SEC security functions  
SOC(1) socket services -- level 1  
SOC(2) socket services -- level 2  
SOC(3) socket services -- level 3  
SOC(4) socket services -- level 4  
SOC(5) socket services -- level 5  
SOC(6) socket services -- level 6  
SOC(7) socket services -- level 7  
SOC(8) socket services -- level 8  
SQL SQL processing  
UTL utility functions  

**System action:** FTP continues.  
**Operator response:** None.  
**System programmer response:** None.  
**Module:** EZAFTPDF  
**Procedure Name:** mvs_command_handler

---

**EZYST83I**  
**ACTIVE SERVER DUMPIDS - id_1 ... id_n**

**Explanation:** A MODIFY command was issued to the FTP server to change the values for the FTP extended trace.  
This message displays the active FTP server extended trace IDs (DUMPIDS). If no extended trace IDs are active, then  
the word NONE is displayed.

**System action:** FTP continues.  
**Operator response:** None.  
**System programmer response:** None.  
**Module:** EZAFTPDF  
**Procedure Name:** mvs_command_handler
EZYFT84I  parameter OBSOLETE - USE DUMP TO CONTROL FTP EXTENDED TRACING FOR JES

Explanation: A MODIFY command was issued to the FTP server to enable or disable the FTP extended trace for JES processing.

parameter is one of the following:

- JDUMP — enable extended tracing for JES
- NOJDUMP — disable extended tracing for JES

System action: The MODIFY command is ignored.

Operator response: See the z/OS Communications Server: IP Diagnosis Guide for information about diagnosing FTP server problems with Traces and for the values of the DUMP parameter of the MODIFY command that apply to JES.

System programmer response: None.

Module: EZAFTPDF

Procedure Name: mvs_command_handler

EZYFT85I  PASSIVEDATACONN value must be UNRESTRICTED or NOREDIRECT

Explanation: While processing the FTPDATA file, the server encountered the PASSIVEDATACONN parameter with a parameter value that was not UNRESTRICTED or NOREDIRECT. The only valid values for the PASSIVEDATACONN parameter are NORESTRICTED and NOREDIRECT.

System action: The line containing the error is ignored. The default of UNRESTRICTED will be used. Processing of the FTPDATA file continues with the next line in the file.

Operator response: Contact the system programmer with the error message to have the FTPDATA file corrected.

System programmer response: Correct the FTPDATA file to contain the correct value for the specified parameter. For more information, see z/OS Communications Server: IP Configuration Reference.

Module: EZAFTPEP

Procedure Name: read_ftpdata

EZYFT86I  USER TRACE IS OBSOLETE - parameter IS IGNORED

Explanation: A MODIFY command was issued to the FTP server to activate the user trace. The user trace is obsolete and is replaced by the user ID filter for the FTP server general and extended traces.

parameter is one of the following:

- UTRACE  
  Start user trace

- NOTRACE  
  Stop user trace

System action: The MODIFY command is ignored.

Operator response: See the z/OS Communications Server: IP Diagnosis Guide for information about diagnosing FTP Server problems with traces and for the syntax of the user ID filter for the FTP server general and extended traces.

System programmer response: None.

Module: EZAFTPDF

Procedure Name: mvs_command_handler

EZYFT87I  VALUE NOT SUPPORTED FOR trace STATEMENT

Explanation: A trace statement in FTPDATA specified a value that is not supported by FTP.

trace is one of the following:

- DEBUG  
  FTP general trace
DUMP FTP extended trace

System action: The statement is ignored.

Operator response: See the z/OS Communications Server: IP Configuration Reference for more information about the DEBUG and DUMP statements and FTPDATA data set statements. See the z/OS Communications Server: IP User's Guide and Command Reference for information about changing local site defaults using FTPDATA for the FTP client.

System programmer response: None.

Module: EZAFTPEP
Procedure Name: read_ftpdata

---

EZYFT89I USERID FILTER - filter

Explanation: A MODIFY command was issued to the FTP server to change values for the FTP general trace (DEBUG) or extended trace (DUMP).

filter is the name of the filter for the userids for which tracing is active.

System action: None.
Operator response: None.
System programmer response: None.
Module: EZAFTPDF
Procedure Name: mvs_command_handler

---

EZYFT90I IPADDR FILTER - filter

Explanation: A MODIFY command was issued to the FTP server to change values for the FTP general trace (DEBUG) or extended trace (DUMP).

filter is the name of the filter for the IP addresses for which tracing is active.

System action: None.
Operator response: None.
System programmer response: None.
Module: EZAFTPDF
Procedure Name: mvs_command_handler

---

EZYFT91I PORTCOMMAND value must be ACCEPT or REJECT

Explanation: While processing the FTPDATA file, the server encountered the PORTCOMMAND parameter with a parameter value that was not ACCEPT or REJECT. The only valid values for the PORTCOMMAND parameter are ACCEPT and REJECT.

System action: The line containing the error is ignored. Processing of the FTPDATA file continues with the next line in the file.

Operator response: Contact the system programmer with the error message to have the FTPDATA file corrected.

System programmer response: Correct the FTPDATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for more information about the PORTCOMMAND parameter.

Module: EZAFTPEP
Procedure Name: read_ftpdata
EZYFT92I PORTCOMMANDPORT value must be UNRESTRICTED or NOLOWPORTS

Explanation: While processing the FTP DATA file, the server encountered the PORTCOMMANDPORT parameter with a parameter value that was not UNRESTRICTED or NOLOWPORTS. The only valid values for the PORTCOMMANDPORT parameter are UNRESTRICTED and NOLOWPORTS.

System action: The line containing the error is ignored. Processing of the FTP DATA file continues with the next line in the file.

Operator response: Contact the system programmer with the error message to have the FTP DATA file corrected.

System programmer response: Correct the FTP DATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for more information about the PORTCOMMANDPORT parameter.

Module: EZAFTPEP

Procedure Name: read_ftpdata

EZYFT93I PORTCOMMANDIPADDR value must be UNRESTRICTED or NOREDIRECT

Explanation: While processing the FTP DATA file, the server encountered the PORTCOMMANDIPADDR parameter with a parameter value that was not UNRESTRICTED or NOREDIRECT. The only valid values for the PORTCOMMANDIPADDR parameter are NORESTRICTED and NOREDIRECT.

System action: The line containing the error is ignored. Processing of the FTP DATA file continues with the next line in the file.

Operator response: Contact the system programmer with the error message to have the FTP DATA file corrected.

System programmer response: Correct the FTP DATA file to contain the correct value for the specified parameter. See the z/OS Communications Server: IP Configuration Reference for more information about the PORTCOMMANDIPADDR parameter.

Module: EZAFTPEP

Procedure Name: read_ftpdata

EZYFT94I ANONYMOUSLEVEL value must be greater than or equal to 3 to support the SURROGATE parameter as an anonymous password

Explanation: In the server FTP DATA, SURROGATE is defined as the password for anonymous users, and ANONYMOUSLEVEL is less than 3. In order to use SURROGATE as the password for anonymous users, ANONYMOUSLEVEL must be greater than or equal to 3.

System action: The line containing the error is ignored. Anonymous logins will be disabled. FTP continues.

Operator response: Contact the system programmer with the error message to have the FTP DATA file corrected.

System programmer response: Set the ANONYMOUSLEVEL to 3 or greater. See the z/OS Communications Server: IP Configuration Reference for more information about ANONYMOUSLEVEL.

Module: EZAFTPDM

Procedure Name: check_surrogate_support

EZYFT95I Server setup for TLS failed

Explanation: The FTP server detected an error condition when it was processing a request for TLS authentication from an FTP client. The error condition prevented the server from completing the request for a TLS protected session.

System action: The request for authentication failed. If a secure FTP session is required by the server, the session is active but no commands are accepted until an AUTH command is successfully processed. If a secure FTP session is not required, the session setup continues but the session is not TLS protected.

Operator response: Contact the system programmer.

System programmer response: Determine the cause of the error by examining the FTP server trace. The SEC trace
type should be active before the client attempts to connect to the FTP server. The trace entry that precedes message EZYFT95I in the trace describes the reason for the failure.

The error message is displayed when one of the following has occurred:

- No keyring is defined in the FTP.DATA file for the server or a keyring file name is specified but there is no associated stash file. See z/OS Communications Server: IP Configuration Reference for more information about KEYRING.
- One of the TLS setup functions used by the FTP server failed. See z/OS Cryptographic Services System SSL Programming to determine how to obtain diagnostic data for the TLS programming functions.

Module: EZAFTPFR, EZAFTPRX
Procedure Name: auth, main

---

EZYFT96I  TLS handshake failed

Explanation: The FTP server detected an error condition when it was processing a request for TLS authentication from an FTP client. The error condition occurred during the server to client handshake process and prevented the server from completing the request for a TLS protected session.

System action: The request for authentication failed. If a secure FTP session is required by the server, the session is active but no commands are accepted until an AUTH command is successfully processed. If a secure session is not required, the session setup continues but the session is not TLS protected.

Operator response: Contact the system programmer.

System programmer response: Determine the cause of the error by examining the FTP server trace. The SEC trace type and the SOC level 3 trace type must be active before the client attempts to connect to the FTP server. The trace entries that precede this message in this trace describe the reason for the failure.

Module: EZAFTPFR, EZAFTPRX
Procedure Name: auth, main

---

EZYFT97I  SECURE_FTP value must be REQUIRED or ALLOWED

Explanation: While processing the FTP.DATA file, the server or client encountered the SECURE_FTP statement with a parameter value that was not REQUIRED or ALLOWED. The only valid values are REQUIRED and ALLOWED.

System action: The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response: Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to contain the correct value for the statement. See the z/OS Communications Server: IP Configuration Guide for information about configuring the FTP server to use the TLS security mechanism.

Module: EZAFTPPEP
Procedure Name: read_ftpdata

---

EZYFT98I  SECURE_LOGIN value must be NO_CLIENT_AUTH, REQUIRED, or VERIFY_USER

Explanation: While processing the FTP.DATA file, the server encountered the SECURE_LOGIN statement with a parameter value that was not NO_CLIENT_AUTH, REQUIRED, or VERIFY_USER. The only valid values are NO_CLIENT_AUTH, REQUIRED, and VERIFY_USER.

System action: The line containing the error is ignored. FTP.DATA file processing continues with the next line of the file.

Operator response: Contact the system programmer with the error message to have the FTP.DATA file corrected.

System programmer response: Correct the FTP.DATA file to contain the correct value for the statement. See the z/OS Communications Server: IP Configuration Guide for information about configuring the FTP server to use the TLS security mechanism.

Module: EZAFTPPEP
**Procedure Name:** read_ftpdata

**Explanation:** The FTP server was not able to determine its domain name because the getaddrinfo() resolver call failed.

`getaddrinfo_rc` is the return code from `getaddrinfo()`. See the [z/OS XL C/C++ Run-Time Library Reference](#) for information about `getaddrinfo()` return codes.

**System action:** FTP continues processing. The host domain name will not be known to the server.

**Operator response:** Contact the system programmer with the error.

**System programmer response:** Ensure that the host name is accessible through a name server, or defined in a local hosts or ipnodes data set. See the [z/OS Communications Server: IP Configuration Guide](#) for information about domain name systems, local hosts data sets, and ipnodes data sets.

**Module:** ezaftpsd

**Procedure Name:** handle_client_socket()
Chapter 9. EZYPxxx messages

EZYPR001  There were no records to satisfy the request
Explanation:  No records matching the selection criteria were found.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPQ

EZYPR002  Invalid Trace Option, please enter a 1 or 2
Explanation:  The value specified in the Trace Option field is not valid.
System action:  The system continues processing.
Operator response:  Specify a valid value in the Trace Option field and reissue the request. A valid trace option is a "1" or "2".
System programmer response:  None.
Module:  EZAPPDGP

EZYPR003  Invalid Confirm option, please enter a / or clear field
Explanation:  The value specified in the Confirm option field is not valid.
System action:  The system continues processing.
Operator response:  Specify a valid value in the Confirm option field and reissue the request. A valid confirm option is a "/" or blank.
System programmer response:  None.
Module:  EZAPPDCP

EZYPR004  Dataset name must be in valid dataset format
Explanation:  The data entered for the data set name contains an invalid character.
System action:  The system continues processing.
Operator response:  Enter valid data for the data set name field. The data set name must follow the standard TSO data set naming rules. See TSO/E User's Guide for more information.
System programmer response:  None.
Module:  various

EZYPR005  Delete request for the record was canceled
Explanation:  A delete request was issued for a selected record, but it was canceled by the user. As a result, the record is not deleted.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  various

© Copyright IBM Corp. 1994, 2009
EZYPR006  Queue record requested not found

Explanation: The requested queue file record cannot be processed because it does not exist.

System action: The system continues processing.

Operator response: None.

System programmer response: None.

Module: EZAPPQ

EZYPR007  Table has mismatched record(s); record refresh was issued.

Explanation: For one or more queue file records, a requested operation was not performed because of a mismatch between the data shown on the NPF Queue List panel and the data currently in the record.

System action: For each mismatched record, the requested operation is not performed; the data on the NPF Queue List panel is updated to match the current record data, and a '?' is displayed in the Action column.

Operator response: For each mismatched record, check the updated data on the Queue List panel to determine if the requested operation is still needed. If so, repeat the request.

System programmer response: None.

Module: EZAPPQ

EZYPR008  Incorrect call to EZAPPQ

Explanation: An invalid call to module EZAPPQ from panel EZAPPMP was issued. Expected parameters in the call might have been missing.

System action: The system continues processing.

Operator response: None.

System programmer response: Contact the IBM Software Support Center.

Module: EZAPPQ

EZYPR009  Cannot create queue table

Explanation: An error occurred during the creation of a queue table. The queue table is used for displaying the list of queue records.

System action: The system continues processing.

Operator response: None.

System programmer response: Contact the IBM Software Support Center.

Module: EZAPPQ

EZYPR010  Queue file open failed

Explanation: Either the queue file cannot be opened, access to the queue file is denied, or the queue file does not exist.

System action: The system continues processing.

Operator response: None.

System programmer response: Verify the existence of the queue file. If it exists, then determine if the queue file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the queue file is not read-protected and the error still occurs, contact the IBM Software Support Center.

Module: EZAPPQ
EZYPR011  Queue file read failed
Explanation: An error occurred during the attempt to read a queue file record from the queue file.
System action: The system continues processing.
Operator response: None.
System programmer response: Contact the IBM Software Support Center.
Module: EZAPPQ

EZYPR014  Queue file update failed
Explanation: A requested update to a queue file record could not be completed because of an I/O error.
System action: The system continues processing.
Operator response: None.
System programmer response: Determine the cause of the I/O error and take appropriate action.
Module: EZAPPQ

EZYPR015  Invalid return code from ISPF
Explanation: The ISPF dialog management services detected an error during panel processing.
System action: The system continues processing.
Operator response: None.
System programmer response: Contact the IBM Software Support Center.
Module: various

EZYPR016  Invalid command entered
Explanation: The data entered in the command line area is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Correct the command and reissue the request.
Module: various

EZYPR017  Trace file cannot be opened
Explanation: Either the trace file cannot be opened, the trace file cannot be dynamically allocated, access to the trace file is denied, or the trace file does not exist.
System action: The system continues processing.
Operator response: None.
System programmer response: Verify the type of data set prefix used. If the prefix is a TSO user ID, the trace file should be dynamically allocated during the open attempt. If the dynamic allocation failed, contact the IBM Software Support Center. If the prefix is other than a TSO user ID, verify the existence of the trace file. If it exists, then determine if the trace file is write-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the trace file is not write-protected and the error still occurs, contact the IBM Software Support Center.
Module: EZAPPDG
EZYPR018  You do not have access authorization for this dataset
Explanation: The data set is security protected for read or update by the Resource Access Control Facility (RACF). All access attempts to this data set will be denied.
System action: The system continues processing.
Operator response: None.
System programmer response: Contact your RACF administrator if you want access permission to this data set.
Module: various

EZYPR019  You do not have update authorization for this dataset
Explanation: The data set is security protected for update by the Resource Access Control Facility (RACF). The data set is available for read-only. You cannot edit a record in the data set, but you can browse a record in the data set.
System action: The system continues processing.
Operator response: None.
System programmer response: Contact your RACF administrator if you want update permission to this data set.
Module: various

EZYPR020  Last Send Time is not valid
Explanation: The value specified in the Last Send Time field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Last Send Time and reissue the request.
Module: EZAPPQRP

EZYPR021  Last Send Date is not valid
Explanation: The value specified in the Last Send Date field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Last Send Date and reissue the request.
Module: EZAPPQRP

EZYPR022  Printer Name must be specified
Explanation: The value specified in the Printer Name field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Printer Name and reissue the request.
Module: various

EZYPR023  Host Name or IP address must be specified
Explanation: The value specified in the Host Name or IP address field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Host Name or IP address and reissue the request.
**EZYPR024 • EZYPR028**

**Module:** various

---

**EZYPR024  Command is not valid for the current record status**

**Explanation:** An operation requested for a queue record was not performed because the request is not allowed for records with this data set status value.

**System action:** The system continues processing.

**Operator response:** Use a command that is valid for the current status of the queue record you are working with.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR025  Record is currently in use; browse or retry later**

**Explanation:** A requested operation cannot be performed at this time for a specified queue record file because the record is being updated by either the NPF Queue Manager or another panel operator.

**System action:** The system continues processing.

**Operator response:** Browse the queue file record if read-only access is sufficient; otherwise, retry the original operation later.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR026  Queue record was changed; please re-enter your changes.**

**Explanation:** An edit operation on a queue file record took too long (over 12 minutes) allowing the NPF Queue Manager or another panel operator to access and modify that record. All updates from the attempted edit operation have been lost and must be re-entered.

**System action:** The system continues processing.

**Operator response:** Repeat the edit operation, being careful to complete the operation within 12 minutes which is the maximum time for which you are guaranteed exclusive access to the record.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR027  Queue record with status X can only be browsed**

**Explanation:** An edit request has been rejected for a queue record whose data set status = ‘X’.

**System action:** The system continues processing.

**Operator response:** Do not try to edit queue records whose data set status = ‘X’. Browse is the only valid operation for this type of record.

**System programmer response:** None.

**Module:** EZAPPQ.

---

**EZYPR028  Queue record with status X cannot be deleted**

**Explanation:** A delete request has been rejected for a queue record whose data set status = ‘X’.

**System action:** The system continues processing.

**Operator response:** Do not try to delete queue records whose data set status = ‘X’. Browse is the only valid operation on this type of record.

**System programmer response:** None.

**Module:** EZAPPQ.
EZYPR030  Dataset type is in use by another dialog on this userid

Explanation: An attempt to process an NPF routing, options or queue file was rejected because another dialog under the same userid was already processing a file of the same type.

System action: The system continues processing.

Operator response: When doing NPF processing from multiple dialogs under a single userid, have each dialog process a different type of file. For example, it is acceptable to process a routing file from one dialog and an options file from another dialog.

System programmer response: None.

Module: EZAPPQ or EZAPPPC

EZYPR031  Options file record already exists.

Explanation: The specified new options record cannot be added to the options file because that record already exists.

System action: The system continues processing.

Operator response: None.

System programmer response: Specify a new options name for the key field other than the one that already exists and reissue the request.

Module: EZAPPPC

EZYPR032  Options file record is not added.

Explanation: The options file record was not added, or you do not have write access to the options file.

System action: The system continues processing.

Operator response: None.

System programmer response: Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

Module: EZAPPPC

EZYPR033  Options file record is added.

Explanation: The new record was added to the options file as requested.

System action: The system continues processing.

Operator response: None.

System programmer response: None.

Module: EZAPPPC

EZYPR034  Options file record does not exist.

Explanation: The system cannot delete the options file record you requested because it does not exist.

System action: The system continues processing.

Operator response: None.

System programmer response: Select an existing options file record that you want deleted and reissue the request.

Module: EZAPPPC
**EZYPR035** Options file record is not deleted.

*Explanation:* The options file record cannot be deleted.

*System action:* The system continues processing.

*Operator response:* None.

*System programmer response:* Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.

*Module:* EZAPPC

---

**EZYPR036** Options file record is deleted.

*Explanation:* The options file record was deleted as requested.

*System action:* The system continues processing.

*Operator response:* None.

*System programmer response:* None.

*Module:* EZAPPC

---

**EZYPR037** Type of option selected is not valid.

*Explanation:* The option selected is not valid.

*System action:* The system continues processing.

*Operator response:* None.

*System programmer response:* Select a valid option and enter the request.

*Module:* various

---

**EZYPR038** Missing broadcast rec(s) detected; Issue "CANcel" or complete

*Explanation:* More than one destination was specified for the normal route, and data has not been entered for the specific routing broadcasts.

*System action:* The system continues processing.

*Operator response:* None.

*System programmer response:* Enter data for the specific routing broadcasts on the routing broadcast record panel. If a normal route and no specific routing broadcasts are wanted, then change the value in the number of destinations field to '1'. If the data for normal and specific routing records are to be discarded, issue the cancel command on the command line.

*Module:* EZAPPC

---

**EZYPR041** Old options file record does not exist.

*Explanation:* The copy request cannot be completed because the old options file record specified does not exist.

*System action:* The system continues processing.

*Operator response:* None.

*System programmer response:* Specify an old options file record that exists and reissue the request.

*Module:* EZAPPC
EZYPR042  New options file record is not copied.
Explanation:  The new options file record was not copied.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.
Module:  EZAPPCC

EZYPR043  New options file record is copied.
Explanation:  The new options file record was copied as requested.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPCC

EZYPR044  Options file record does not exist.
Explanation:  The requested options file record cannot be updated because it does not exist.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify an options file record that exists and reissue the request.
Module:  EZAPPCC

EZYPR045  Options file record is not updated.
Explanation:  The options file record was not updated.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Check the options file for correct information and reissue the request. If the error still occurs, contact the IBM Software Support Center.
Module:  EZAPPCC

EZYPR046  Options file record is updated.
Explanation:  The options file record was updated as requested.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPCC

EZYPR048  New options file record already exists.
Explanation:  The options file record cannot be copied because a new options file record already exists.
System action:  The system continues processing.
Operator response:  None.
System programmer response: Specify an options file record other than the one that already exists and reissue the request.
Module: EZAPPPC

EZYPR049  Select an option.
Explanation: An option must be selected from this panel.
System action: The system continues processing.
Operator response: None.
System programmer response: Select an option from the panel and issue the request.
Module: various

EZYPR051  Enter options name for the key-field.
Explanation: The options name for the key-field information is missing from the request.
System action: The system continues processing.
Operator response: None.
System programmer response: Enter a value in the options name for the key-field and reissue the request.
Module: EZAPPN1

EZYPR052  Input record exit is not valid.
Explanation: The value specified in the input record exit field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid input record exit value and reissue the request.
Module: EZAPPN7

EZYPR053  Old options name is not valid.
Explanation: The value specified in the old options name field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid value in the old options name field and reissue the request.
Module: EZAPPN4

EZYPR054  New options name is not valid.
Explanation: The value specified in the new options name field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid value in the new options name field and reissue the request.
Module: EZAPPN4
EZYPR055  •  EZYPR061

EZYPR055  Tracing is enabled
Explanation: The request to enable NPF ISPF tracing is acknowledged, and the specified trace data set is opened to receive trace information.
System action: The system continues processing.
Operator response: None.
System programmer response: None.
Module: EZAPPDG

EZYPR056  Tracing is disabled
Explanation: The request to disable NPF ISPF tracing is acknowledged, and the specified trace data set is closed.
System action: The system continues processing.
Operator response: None.
System programmer response: None.
Module: EZAPPDG

EZYPR057  Old options name must be specified.
Explanation: The old options name for the key-field is missing.
System action: The system continues processing.
Operator response: None.
System programmer response: Enter a value for the old options name key-field and reissue the request.
Module: EZAPPN4

EZYPR058  New options name must be specified.
Explanation: The new options name for the key-field is missing.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a value for the new options key-field and reissue the request.
Module: EZAPPN4

EZYPR060  Press ENTER to save data before proceeding to next record
Explanation: During add processing for a multiple-destination routing, the DOWN PF key was pressed to proceed to the next destination record before the ENTER key was pressed to save the data for the current destination record.
System action: The DOWN PF key is ignored and the panel continues to display the current destination record.
Operator response: Press the ENTER key to save the data for the current destination record before attempting to process the next record.
System programmer response: None.
Module: EZAPPPC

EZYPR061  Normal route record already exists.
Explanation: The specified new route cannot be added to the routing file because that route already exists.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a normal route other than the one that already exists and reissue the request.
Module: EZAPPPC

EZYPR062 Normal route record is not added.
Explanation: The normal route was not added.
System action: The system continues processing.
Operator response: None.
System programmer response: Retry the request. If the error still occurs, contact the IBM Software Support Center.
Module: EZAPPPC

EZYPR063 Normal route record is added.
Explanation: A normal route was added to the routing file.
System action: The system continues processing.
Operator response: None.
System programmer response: None.
Module: EZAPPPC

EZYPR064 Normal route record does not exist.
Explanation: The route specified in the delete request does not exist, so the request cannot be completed.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a route that exists and reissue the request.
Module: EZAPPPC

EZYPR065 Normal route record is not deleted.
Explanation: The normal route was not deleted, or you do not have write access to the routing file.
System action: The system continues processing.
Operator response: None.
System programmer response: Retry the request. If the error still occurs, contact the IBM Software Support Center.
Module: EZAPPPC

EZYPR066 Normal route record is deleted.
Explanation: The normal route is deleted from the routing file as requested.
System action: The system continues processing.
Operator response: None.
System programmer response: None.
Module: EZAPPPC

EZYPR068 Routing file cannot be opened.
Explanation: Either the routing file cannot be opened, access to the routing file is denied, or the routing file does not exist.
System action: The system continues processing.
**EZYPR069 • EZYPR074**

**Operator response:** None.

**System programmer response:** Verify the existence of the routing file. If it exists, then determine if the routing file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the routing file is not read-protected and the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPC

---

**EZYPR069 Routing file cannot be closed.**

**Explanation:** The system detected an error. The routing file cannot be closed.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPC

---

**EZYPR071 Old normal route record does not exist.**

**Explanation:** The normal route record cannot be copied because the old normal route does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify major and minor names for an old normal route record that exists and reissue the request.

**Module:** EZAPPC

---

**EZYPR072 Normal route record is not copied**

**Explanation:** The normal route record was not copied.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Reissue the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPC

---

**EZYPR073 Normal route record is copied**

**Explanation:** The request to copy the normal route record is complete.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** None.

**Module:** EZAPPC

---

**EZYPR074 Specific broadcast record does not exist.**

**Explanation:** A specific broadcast record cannot be updated because it does not exist.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Because the specific broadcast record does not exist, all of the routing records associated with this missing broadcast record are not valid. Issue the delete request to delete the obsolete records and then issue the add request to create the new routing records.

**Module:** EZAPPC
EZYPR075  Normal route record is not updated
Explanation:  The normal route record was not updated.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Reissue the request. If the error still occurs, contact the IBM Software Support Center.
Module:  EZAPPC

EZYPR076  Normal route record is updated.
Explanation:  The normal route record was updated as requested.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPC

EZYPR078  New normal route record already exists.
Explanation:  The normal route record cannot be copied because a new normal route record already exists.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify major and minor names for a routing file record other than the one that already exists and reissue the request.
Module:  EZAPPC

EZYPR079  Old specific broadcast record does not exist.
Explanation:  The old specific broadcast record associated with the normal routing record in the request does not exist.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Since the old specific broadcast record does not exist, all of the routing records associated with this missing broadcast record are not valid. Issue the delete request to delete the obsolete records. Either specify major and minor names for a different routing record and reissue the request again or issue an add request to create new routing records which can be used for the copy request again.
Module:  EZAPPC

EZYPR081  Enter old major name for the key-field.
Explanation:  The request is missing an old major name.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify an old major name and reissue the request. A valid major name is an 8-byte alphanumeric name.
Module:  EZAPPN12
EZYPR082 • EZYPR087

EZYPR082  Enter new major name for the key-field.
Explanation: The request is missing a new major name.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a new major name and reissue the request. A valid major name is an 8-byte alphanumeric name.
Module: EZAPPN12

EZYPR083  Enter old minor name for the key-field.
Explanation: The request is missing an old minor name for the key-field.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify an old minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.
Module: EZAPPN12

EZYPR084  Enter new minor name for the key-field.
Explanation: The request is missing a new minor name for the key-field.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a new minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.
Module: EZAPPN12

EZYPR086  Enter major name for the key-field
Explanation: The major name is missing from the request.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a major name and reissue the request. A valid major name is an 8-byte alphanumeric name.
Module: various

EZYPR087  Enter minor name for the key-field.
Explanation: The minor name is missing from the request.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.
Module: various
EZYPR089  Number of destination(s) must be specified.
Explanation:  The destination number is missing from the request.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify a destination value and reissue the request. A valid value is in the range 1 to 65535.
Module:  EZAPPN15

EZYPR091  Retain time (successful) must be specified
Explanation:  The retain time (successful) is missing from the request.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify the retain time (successful) and reissue the request. Retain time must be in the format dddhhmm with values as follows:

- ddd  000 to 366
- hh  00 to 23
- mm  00 to 59

Module:  EZAPPN15

EZYPR092  Retain time (unsuccessful) must be specified.
Explanation:  The retain time (unsuccessful) is missing from the request.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify the retain time (unsuccessful) and reissue the request. Retain time must be in the format dddhhmm with values as follows:

- ddd  000 to 366
- hh  00 to 23
- mm  00 to 59

Module:  EZAPPN15

EZYPR093  Retry interval time must be specified.
Explanation:  The retry interval time is missing from the request.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify the retry interval time and reissue the request. Retry interval time must be in the format dddhhmm with values as follows:

- ddd  000 to 366
- hh  00 to 23
- mm  00 to 59

Module:  EZAPPN15
EZYPR094  Retry limit must be specified.
Explanation:  The retry limit is missing from the request.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify a retry limit and reissue the request. A valid retry limit is in the range 0 to 65535.
Module:  EZAPPN15

EZYPR095  Options name must be specified.
Explanation:  The options name is missing from the request.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Specify an options name and reissue the request. A valid options name is a 16-character alphanumeric name.
Module:  EZAPPN15

EZYPR097  Specific broadcast record is not updated.
Explanation:  The system detected an error. The specific broadcast record update request was not completed.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Retry the request. If the error still occurs, contact the IBM Software Support Center.
Module:  EZAPPPC

EZYPR098  Specific broadcast record is updated.
Explanation:  The specific broadcast record update request completed.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPPC

EZYPR099  Specific broadcast record already exists.
Explanation:  The specific broadcast record cannot be added to the routing file because that route already exists.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Because the specific broadcast record already exists, the created normal routing record is not valid. Issue the delete request to delete the obsolete records. Issue an add request to create the new routing records again.
Module:  EZAPPPC

EZYPR101  Specific broadcast record is added.
Explanation:  A specific broadcast route was added to the routing file.
System action:  The system continues processing.
Operator response:  None.
**EZYPR102**  •  **EZYPR107**

**System programmer response:**  None.

**Module:**  EZAPPC

---

**EZYPR102**  **Specific broadcast is not added.**

**Explanation:**  The system detected an error. The specific broadcast was not added.

**System action:**  The system continues processing.

**Operator response:**  None.

**System programmer response:**  Restart the Network Print Facility and reissue the add request. If the error still occurs, contact the IBM Software Support Center.

**Module:**  EZAPPC

---

**EZYPR104**  **Number of destination(s) is not valid**

**Explanation:**  The number of destinations value must be larger than 0.

**System action:**  The system continues processing.

**Operator response:**  None.

**System programmer response:**  Specify a valid value for the number of destinations. A valid value is from 1 to 65535.

**Module:**  various

---

**EZYPR105**  **Specific broadcast record is not deleted.**

**Explanation:**  The system detected an error. The specific broadcast record delete request was not completed.

**System action:**  The system continues processing.

**Operator response:**  None.

**System programmer response:**  Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:**  EZAPPC

---

**EZYPR106**  **Normal route & specific broadcast record(s) are deleted.**

**Explanation:**  The normal route and specific broadcast records delete request completed.

**System action:**  The system continues processing.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  EZAPPC

---

**EZYPR107**  **Specific broadcast record is not copied.**

**Explanation:**  The system detected an error. The specific broadcast record copy request was not completed.

**System action:**  The system continues processing.

**Operator response:**  None.

**System programmer response:**  Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:**  EZAPPC
EZYPR108  Normal route & specific broadcast record(s) are copied.
Explanation:  The normal route and specific broadcast records copy request completed.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPC

EZYPR111  LU class is not valid.
Explanation:  The LU class value entered is not valid. Valid values are 1 to 64.
System action:  The system continues processing.
Operator response:  Specify a valid LU class value and reissue the request.
System programmer response:  None.
Module:  various

EZYPR112  LU class contains invalid character.
Explanation:  A character in the LU class field is not valid. Valid values are 1 to 64.
System action:  The system continues processing.
Operator response:  Specify a valid LU class value and reissue the request.
System programmer response:  None.
Module:  EZAPPC

EZYPR113  Incorrect call to EZAPPC
Explanation:  The call to module EZAPPC from panel EZAPPMP was not valid. Expected parameters in the call might have been missing.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  Contact the IBM Software Support Center.
Module:  EZAPPC

EZYPR116  Normal route & specific broadcast record(s) are not added
Explanation:  The normal and/or specific broadcast records were added during the add request, but a cancel command was issued to discard the added records.
System action:  The system continues processing.
Operator response:  None.
System programmer response:  None.
Module:  EZAPPC

EZYPR117  Normal route is copied but some data is lost.
Explanation:  The normal route copy request completed, but not all of the data was copied.
System action:  The system continues processing.
Operator response:  None.
System programmer response: Submit the copy request again. If the error still occurs, contact the IBM Software Support Center.

Module: EZAPPPC

---

**EZYPR131  Old major name is not valid.**

**Explanation:** The value specified in the old major name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid old major name and reissue the request. A valid old major name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR132  Old minor name is not valid.**

**Explanation:** The value specified in the old minor name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid old minor name and reissue the request. A valid old minor name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR133  New major name is not valid.**

**Explanation:** The value specified in the new major name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid new major name and reissue the request. A valid new major name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR134  New minor name is not valid.**

**Explanation:** The value specified in the new minor name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid new minor name and reissue the request. A valid new minor name is an 8-byte alphanumeric name.

**Module:** EZAPPN12

---

**EZYPR135  Major name is not valid.**

**Explanation:** The value specified in the major name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid major name and reissue the request. A valid major name is an 8-byte alphanumeric name.

**Module:** various
**EZYPR136 • EZYPR144**

---

**EZYPR136**  
**Minor name is not valid.**

**Explanation:** The value specified in the minor name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid minor name and reissue the request. A valid minor name is an 8-byte alphanumeric name.

**Module:** various

---

**EZYPR141**  
**Options name is not valid.**

**Explanation:** The value specified in the Options name field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid value in the Options name field and reissue the request. A valid options name is a 16-character alphanumeric name.

**Module:** various

---

**EZYPR142**  
**Routing exit is not valid.**

**Explanation:** The value specified in the Routing exit field is not valid.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Specify a valid value in the Routing exit field and reissue the request. A valid routing exit name is an 8-character alphanumeric name.

**Module:** EZAPPN15

---

**EZYPR143**  
**Normal route & specific broadcast record(s) not deleted**

**Explanation:** The system detected an error. The normal and specific broadcast records were not deleted as a result of the delete request.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Retry the request. If the error still occurs, contact the IBM Software Support Center.

**Module:** EZAPPPC

---

**EZYPR144**  
**Unable to copy old specific broadcast record.**

**Explanation:** The system detected an error. A specific broadcast record associated with the normal routing record could not be copied.

**System action:** The system continues processing.

**Operator response:** None.

**System programmer response:** Because the old specific broadcast record is not valid, all of the copied routing records with this broadcast record are deleted. Issue the delete request to delete the obsolete records for the old routing records. Either specify major and minor names for a different routing record and reissue the request again, or issue an add request to create new routing records which can be used for the copy request again.

**Module:** EZAPPPC
EZYPR147 Unable to copy old normal route record.

Explanation:  The system detected an error. A copy cannot be done for the old normal route record specified.

System action:  The system continues processing.

Operator response:  None.

System programmer response:  Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module:  EZAPPCC

EZYPR148 Normal route record is added but some data is lost.

Explanation:  The normal route record add request completed, but not all of the data was added.

System action:  The system continues processing.

Operator response:  None.

System programmer response:  Submit the add request again. If the error still occurs, contact the IBM Software Support Center.

Module:  EZAPPCC

EZYPR149 Specific broadcast record is added but some data is lost.

Explanation:  The specific broadcast record add request completed, but not all of the data was added.

System action:  The system continues processing.

Operator response:  None.

System programmer response:  Submit the add request again. If the error still occurs, contact the IBM Software Support Center.

Module:  EZAPPCC

EZYPR161 Options file cannot be opened.

Explanation:  Either the options file cannot be opened, access to the options file is denied, or the options file does not exist.

System action:  The system continues processing.

Operator response:  None.

System programmer response:  Verify the existence of the options file. If it exists, then determine if the options file is read-protected. If it is, consult your Resource Access Control Facility (RACF) administrator. If the routing file is not read-protected and the error still occurs, contact the IBM Software Support Center.

Module:  EZAPPCC

EZYPR162 Options file cannot be closed.

Explanation:  The system detected an error. The options file specified cannot be closed.

System action:  The system continues processing.

Operator response:  None.

System programmer response:  Try the request again. If the error still occurs, contact the IBM Software Support Center.

Module:  EZAPPRT
EZYPR180  •  EZYPR187

**EZYPR180**  SLU/Dest is not valid
Explanation: The value specified in the SLU/Dest field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid SLU/Dest value and reissue the request.
Module: EZAPPQSP

**EZYPR181**  PLU/JOBNAME is not valid
Explanation: The value specified in the PLU/JOBNAME field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid PLU/JOBNAME value and reissue the request.
Module: EZAPPQSP

**EZYPR182**  Creation Date is not valid
Explanation: The value specified in the Creation Date field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Creation Date and reissue the request.
Module: EZAPPQSP

**EZYPR183**  Creation Time is not valid
Explanation: The value specified in the Creation Time field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Creation Time and reissue the request.
Module: EZAPPQSP

**EZYPR184**  Dataset Status is not valid
Explanation: The value specified in the Dataset Status field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Dataset Status and reissue the request.
Module: EZAPPQSP

**EZYPR187**  Invalid SEQ value - enter KEY or TIME
Explanation: The SEQ field on the NPF Queue Selection panel contains an invalid value.
System action: The system continues processing.
Operator response: Set the SEQ field to either KEY or TIME to indicate the order in which the selected queue records should be displayed on the Queue List panel.
System programmer response: None.
Module: EZAPPQ
EZYPR190 Next Send Time is not valid
Explanation: The value specified in the Next Send Time field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Next Send Time value and reissue the request.
Module: EZAPPQSP

EZYPR191 Next Send Date is not valid
Explanation: The value specified in the Next Send Date field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Next Send Date value and reissue the request.
Module: EZAPPQSP

EZYPR192 Retry Interval is not valid
Explanation: The value specified in the Retry Interval field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Retry Interval value and reissue the request.
Module: various

EZYPR193 Retry Attempts are not valid
Explanation: The value specified in the Retry Attempts field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Retry Attempts value and reissue the request.
Module: EZAPPQRP

EZYPR194 Retry Limit is not valid
Explanation: The value specified in the Retry Limit field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Retry Limit value and reissue the request.
Module: various

EZYPR195 Retain Time Successful is not valid
Explanation: The value specified in the Retain Time Successful field is not valid.
System action: The system continues processing.
Operator response: None.
System programmer response: Specify a valid Retain Time Successful value and reissue the request.
Module: various
EZYPR196  Retain Time Unsuccessful is not valid

Explanation: The value specified in the Retain Time Unsuccessful field is not valid.

System action: The system continues processing.

Operator response: None.

System programmer response: Specify a valid Retain Time Unsuccessful value and reissue the request.

Module: various

---

EZYPR213  Default page format name is not valid

Explanation: The value specified in the Def Page Format field is not valid.

System action: The system continues processing.

Operator response: Either leave the field blank or enter the name of a valid Default Page Format table entry. See the z/OS Communications Server: IP Network Print Facility for more information.

System programmer response: None.

Module: EZAPPN15

---

EZYPR214  End of file name is not valid.

Explanation: The value entered for Eofile Name field is not valid.

System action: The system continues processing.

Operator response: Either leave the field blank or enter the name of a valid End-of-File Rules table entry. See the z/OS Communications Server: IP Network Print Facility for more information.

System programmer response: None.

Module: EZAPPN15
Chapter 10. EZYRxxyy messages

EZYRC01I Calling function rexec with the following:

Explanation: This is the first of a two part message. It is followed by EZYRC02I which lists the host, user, cmd, and port that are being passed to the rexec function that is provided by z/OS UNIX System Services and that does the work of passing the rexec information to the server.

System action: OREXEC continues.
Operator response: None.
System programmer response: None.
Module: rexec1.c
Procedure Name: main()

EZYRC02I Host: AAA user BBB, cmd CCC, port DDD

Explanation: This is the information that is being passed to the rexec function. AAA is the host that the string is being passed to, BBB is the logon ID of the user on the remote system, CCC is the command that is being passed to the remote system and DDD is the port number.

System action: OREXEC continues.
Operator response: None.
System programmer response: None.
Module: rexec1.c
Procedure Name: main()

EZYRC03E The call to rexec procedure failed.

Explanation: The call to the rexec procedure that will do the actual passing of the information to the remote host failed.

System action: OREXEC ends.
Operator response: By examining the command typed or using the -d option the problem should be apparent. If inetd is down on the remote host, this message will appear.
System programmer response: None.
Module: rexec1.c
Procedure Name: main()

EZYRC04I Usage: orexec -d -l user -p pwd

Explanation: This the first of a group of messages that is issued when a question mark has been entered, or an invalid number of arguments have been entered.

System action: OREXEC ends.
Operator response: Correct the invalid argument and retry the command.
System programmer response: None.
Module: rexec1.c
Procedure Name: usage()
EZYRC05I  EZYRC09I

EZYRC05I  options: -
Explanation:  See message EZYRC04I.
System action:  OREXEC ends.
Operator response:  By examining the command typed or using the -d option the problem should be apparent.
System programmer response:  None.
Module:  rexecl.c
Procedure Name:  usage()

EZYRC06I  -? display this message
Explanation:  See message EZYRC04I.
System action:  OREXEC ends.
Operator response:  By examining the command typed or using the -d option the problem should be apparent.
System programmer response:  None.
Module:  rexecl.c
Procedure Name:  usage()

EZYRC07I  -d turn on debug tracing
Explanation:  See message EZYRC04I.
System action:  OREXEC ends.
Operator response:  By examining the command typed or using the -d option the problem should be apparent.
System programmer response:  None.
Module:  rexecl.c
Procedure Name:  usage()

EZYRC08I  -l  usr specifies remote login id
Explanation:  See message EZYRC04I.
System action:  OREXEC ends.
Operator response:  By examining the command typed or using the -d option the problem should be apparent.
System programmer response:  None.
Module:  rexecl.c
Procedure Name:  usage()

EZYRC09I  -p pwd specifies remote password
Explanation:  See message EZYRC04I.
System action:  OREXEC ends.
Operator response:  By examining the command typed or using the -d option the problem should be apparent.
System programmer response:  None.
Module:  rexecl.c
Procedure Name:  usage()
EZYRC10I -s port specifies server port
Explanation: See message EZYRC04I.
System action: OREXEC ends.
Operator response: By examining the command typed or using the -d option the problem should be apparent.
System programmer response: None.
Module: rexec1.c
Procedure Name: usage()

EZYRC11I -V display APAR level
Explanation: See message EZYRC04I.
System action: OREXEC ends.
Operator response: By examining the command typed or using the -d option the problem should be apparent.
System programmer response: None.
Module: rexec1.c
Procedure Name: usage()

EZYRC12I Example: orexec -d -l guest -p guest hostname ls -l
Explanation: See message EZYRC04I.
System action: OREXEC ends.
Operator response: By examining the command typed or using the -d option the problem should be apparent.
System programmer response: None.
Module: rexec1.c
Procedure Name: usage()

EZYRC13I XXX YYY
Explanation: XXX is the program called (MVS OREXEC).
YYY is the APAR number, or if there have been no APARs applied, it is base.
System action: OREXEC continues.
Operator response: None.
System programmer response: None.
Module: rexec1.c
Procedure Name: main()

EZYRC14I -s port fhost command
Explanation: This the second of a group of messages that is issued when a question mark has been entered, or an invalid number of arguments have been entered.
System action: OREXEC ends.
Operator response: Correct the invalid argument and retry the command.
System programmer response: None.
Module: rexec1.c
Procedure Name: usage()
EZYRC15I  •  EZYRC18I

EZYRC15I  -C Uppercase messages
Explanation:  This is part of a group of messages that is issued when a question mark has been entered or an invalid number of arguments have been entered.
System action:  OREXEC ends.
Operator response:  Correct the invalid argument and retry the command.
System programmer response:  None.
Module:  rexec1.c
Procedure Name:  usage()

EZYRC16E  function failed. description rsn = errnojr
Explanation:  An unexpected value was returned from the function indicated by the function value. This message can be issued from TSO REXEC or orexec. Processing ends.
function is the name of the C/C++ run-time function. See the z/OS XL C/C++ Run-Time Library Reference for information about C/C++ run-time functions.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.
System action:  REXEC ends.
Operator response:  Reissue the OREXEC command, if the problem persist contact the system programmer.
System programmer response:  Correct the error indicated by description and errnojr.
Module:  EZATREXE or EZARCC1C
Procedure Name:  main()

EZYRC17I  Select time limit expired.
Explanation:  The time limit on the select expired before a response was received from the server. Processing ends.
System action:  OREXEC ends.
Operator response:  Attempt the OREXEC command again.
System programmer response:  None.
Module:  rexec1.c
Procedure Name:  main()

EZYRC18I  Foreign host name is missing.
Explanation:  The foreign host name was not specified on the OREXEC command. It is required. Processing ends.
System action:  OREXEC ends.
Operator response:  Attempt the OREXEC command again with the foreign host name.
System programmer response:  None.
Module:  rexec1.c
Procedure Name:  main()
EZYRC19I  Data socket = dsock, Control socket = csock.

Explanation: This is a debug message indicating the socket descriptors being used by the z/OS UNIX REXEC client. It is only issued when the -d option is specified on the OREXEC command.

System action: OREXEC continues.

Operator response: None.

System programmer response: None.

Module: rexec1.c

Procedure Name: main()

---

EZYRC23E  Command is missing

Explanation: A command was not specified on the OREXEC command.

System action: OREXEC ends.

Operator response: Reissue the OREXEC command and specify a command.

System programmer response: None.

Module: rexec1.c

Procedure Name: main()

---

EZYRC24I  -e wait select time limit

Explanation: See message EZYRC04I.

System action: OREXEC ends.

Operator response: Examine the command typed or use the -d option to diagnose the problem.

System programmer response: None.

Module: rexec1.c

Procedure Name: usage()

---

EZYRC31I  Calling function rcmd_af with the following:

Explanation: This message is followed by EZYRC02I, which lists the host, user, cmd, and port that are passed to the local rcmd_af function, which passes the rsh information to the server.

System action: ORSH continues.

Operator response: None.

System programmer response: None.

Module: ussrsh.c

Procedure Name: main()

---

EZYRC33E  The call to rcmd_af procedure failed: description rsn = errnojr

Explanation: The call to the rcmd_af procedure that will pass the information to the remote host failed. 

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojs) chapter of the z/OS UNIX System Services Messages and Codes](#) where the reason codes are listed.

System action: ORSH ends.

Operator response: Examine the command typed and reissue the ORSH command. If the problem persists, contact
the system programmer. The most common description is ECONNREFUSED. If this occurs, start the remote shell server on the remote host.

System programmer response: Correct the error indicated by description and errnojr.

Module: ussrsh.c
Procedure Name: main

---

EZYRD01W Invalid option in /etc/inet.conf

Explanation: An option that is not valid has been used in the /etc/inetd.conf file. The allowable options are: dlV

Note: If an invalid option has been specified, none of the valid options will be in effect.

System action: REXEC continues.

Operator response: None.

System programmer response: Correct the configuration options in /etc/inetd.conf for the entry exec under the column service name.

Module: rexecd.c
Procedure Name: main

---

EZYRD02E getpeername failure

Explanation: Getpeername could not return the name of the peer that is connected to the socket.

System action: REXEC ends.

Operator response: Retry the command later.

System programmer response: See message EZYRD33E on the host where rexecd is running for more information including the failure description (errno) and reason code (errnojr).

Module: rexecd.c
Procedure Name: main

---

EZYRD03I Remote address = XX.XX.XX.XX

Explanation: XX.XX.XX.XX is the IPv4 or IPv6 address that is the internet address that the login ID connected from. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action: REXEC continues.

Operator response: None.

System programmer response: None.

Module: rexecd.c
Procedure Name: main

---

EZYRD04E Binary one not received.

Explanation: The first byte of the string that is passed to the server is supposed to be a binary 1. This did not happen in this case.

System action: REXEC ends.

Operator response: Retry the command.

System programmer response: The string that is being passed from the client is not in the proper format. Check the string that is being passed from the client.

Module: rexecd.c
Procedure Name: **doit()**

**EZYPD05I**  
clisecport = n

Explanation:  
n is the number of the secondary port that is being passed in from the client. This is the port that rexecd will send the output to. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  
REXECED continues.

Operator response:  
None.

System programmer response:  
None.

Module:  
rexecd.c

Procedure Name:  
**doit()**

**EZYPD06E**  
Unable to create secondary port.

Explanation:  
The socket subroutine was unable to create a socket in the specified AddressFamily and of the specified type.

System action:  
REXECED ends.

Operator response:  
Retry the command.

System programmer response:  
The socket could not be created for one of the following reasons:
- The addresses in the specified address family cannot be used with this socket.
- The socket in the specified address family is not supported.
- The per-process descriptor table is full.
- Insufficient resources were available in the system to complete the call.

Module:  
rexecd.c

Procedure Name:  
**doit()**

**EZYPD07E**  
Cannot make second port

Explanation:  
The rexecd server was unable to connect to the specified port.

System action:  
REXECED ends.

Operator response:  
Retry the command.

System programmer response:  
The connect socket call to connect with the requested socket on the client failed for one of the following reasons:
- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
- The Address parameter is not in a writable part of the user address space.
- The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
- The specified path name contains a character with the high-order bit set.

Module:  
rexecd.c
EZYRD08I  •  EZYRD11E

Procedure Name:  doit()

EZYRD08I  User is: XXX

Explanation:  XXX is the login ID that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXEC continues.

Operator response:  None.

System programmer response:  None.

Module:  rexecd.c

Procedure Name:  doit()

EZYRD09I  Command is: XXX

Explanation:  XXX is the command that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXEC continues.

Operator response:  None.

System programmer response:  None.

Module:  rexecd.c

Procedure Name:  doit()

EZYRD10E  XXX: unknown login. cmd = YYY

Explanation:  XXX is the logon ID that was passed in from the remote host.

YYY is the command that was passed in.

System action:  REXEC ends.

Operator response:  Correct the login ID and retry.

System programmer response:  This message is written to the file that is specified by syslog.conf for information and authorization messages. It is only written out if either information and/or authorization is in the syslogd.conf file. This indicates that the login ID was not in the password structure.

Module:  rexecd.c

Procedure Name:  doit()

EZYRD11E  Login incorrect.

Explanation:  The login was incorrect.

System action:  REXEC ends.

Operator response:  Retry the command.

System programmer response:  It is considered to be a security violation to tell the client if the user ID or password is incorrect so this is a generic message saying that one of them is incorrect.

Module:  rexecd.c

Procedure Name:  doit()
EZYRD12I  Name is: XXX, user is YYY

Explanation:  This is a debug message. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

XXX is the login ID that has been passed in from the client.
YYY is the login ID as gotten from the password structure.

System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD13I  dir is XXX

Explanation:  XXX is the home directory that is gotten from the password structure. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD14I  uid is X, gid is Y

Explanation:  X is the uid that is obtained from the password structure and Y is the gid that is obtained from the password structure. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD15E  XX wrong password, cmd = YY

Explanation:  XX is the login ID passed in from the client and YY is the command that is being attempted. The password that has been passed in is not correct. This message is written to the file that is specified by syslog.conf for error messages. It is only written out if error is set up to write out in syslogd.

System action:  REXECD ends.
Operator response:  Correct the password and try again.
System programmer response:  It is considered to be a security violation to tell the client if the user ID or password is incorrect so a generic message saying that one of them is incorrect will be sent to the client.
Module:  rexecd.c
Procedure Name:  doit()
### EZYRD17E • EZYRD20E

**EZYRD17E  XX no home directory. cmd = YY**

**Explanation:**  XX indicates the login ID and YY indicates the command that is being attempted.

**System action:**  REXEC ends.

**Operator response:**  Contact the system programmer

**System programmer response:**  No home directory has been set up in the password structure for the login ID that is identified in the message. Add a home directory in the password structure for this login ID.

**Module:**  rexecd.c

**Procedure Name:**  doit()

---

### EZYRD18E  No remote directory.

**Explanation:**  No home directory has been set up on the remote host for the logon ID.

**System action:**  REXEC ends.

**Operator response:**  Contact the system programmer at the remote site and have a home directory set up in the password structure.

**System programmer response:**  Set up a home directory in the password structure.

**Module:**  rexecd.c

**Procedure Name:**  doit()

---

### EZYRD19E  Cannot make pipe1.

**Explanation:**  Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:**  REXEC ends.

**Operator response:**  Retry the failing command and if it still fails contact the system programmer.

**System programmer response:**  The pipe could not be made for one of the following reasons:
  - The FileDescriptor parameter points to a location outside of the allocated address space of the process.
  - Two file descriptors are already open (OPEN_MAX).
  - The system file table is full, or the device containing pipes has no free i-nodes.

**Module:**  rexecd.c

**Procedure Name:**  doit()

---

### EZYRD20E  Cannot make pipe2.

**Explanation:**  Trying to make a pipe to go between the parent and the child process for the purpose of doing ASCII to EBCDIC conversion. This pipe could not be made.

**System action:**  REXEC ends.

**Operator response:**  Retry the failing command and if it still fails contact the system programmer.

**System programmer response:**  The pipe could not be made for one of the following reasons:
  - The FileDescriptor parameter points to a location outside of the allocated address space of the process.
  - Two file descriptors are already open (OPEN_MAX).
  - The system file table is full, or the device containing pipes has no free i-nodes.

**Module:**  rexecd.c

**Procedure Name:**  doit()
EZYRD21E  Cannot make pipe3.

Explanation:  Trying to make a pipe to go between the parent and the child process for the purpose of doing ASCII to EBCDIC conversion. This pipe could not be made.

System action:  REXECED ends.

Operator response:  Retry the failing command and if it still fails contact the system programmer.

System programmer response:  The pipe could not be made for one of the following reasons:

- The FileDescriptor parameter points to a location outside of the allocated address space of the process.
- Two file descriptors are already open (OPEN_MAX).
- The system file table is full, or the device containing pipes has no free i-nodes.

Module:  rexedc.c

Procedure Name:  doit()

EZYRD22E  Cannot fork; try again.

Explanation:  The parent process is trying to fork off a child process. It has not been able to do this.

System action:  REXECED ends.

Operator response:  Retry the failing command and if it still fails contact the system programmer.

System programmer response:  The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

Module:  rexedc.c

Procedure Name:  doit()

EZYRD23E  error on read socket 0

Explanation:  An attempt has made to read data on the stdin socket. This attempt has not been successful.

System action:  REXECED ends.

Operator response:  Retry the failing command.

System programmer response:  A read from socket 0 has failed. It has failed to read for one of the following reasons:

- The FileDescriptor parameter is not a valid file descriptor open for reading.
- The file was marked for nonblocking I/O, and no data was ready to be read.
- A read was interrupted by a signal before any data arrived, and the signal handler was installed with an indication that subroutines are not to be restarted.
- An I/O error occurred while reading from the file system.
- The process is a member of a background process attempting to read from its controlling terminal, and either the process is ignoring or blocking the SIGTTIN signal or the process group has no parent process.

Module:  rexedc.c

Procedure Name:  doit()

EZYRD24I  XX cmd = YY

Explanation:  If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file.

System action:  REXECED continues.

Operator response:  None.

System programmer response:  None.
**EZYRD25E • EZYRD28E**

**Module:** rexecd.c  
**Procedure Name:** doit()

---

**EZYRD25E  setgid failed**

**Explanation:** A set group ID subroutine failed.  
**System action:** REXECD ends.  
**Operator response:** Contact the system programmer.  
**System programmer response:** The set group ID can fail for one of two reasons:  
- The process does not have appropriate privileges to set the GID.  
- The value of the GID parameter is incorrect.

**Module:** rexecd.c  
**Procedure Name:** doit()

---

**EZYRD26E  initgroups failed**

**Explanation:** An initgroups subroutine failed.  
**System action:** REXECD ends.  
**Operator response:** Contact the system programmer.  
**System programmer response:** The subroutine can fail for the following reasons:  
- The number of supplementary groups of the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.  
- An MVS environmental or internal error occurred.  
- The System authorization facility (SAF) had an error.  
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

**Module:** rexecd.c  
**Procedure Name:** doit()

---

**EZYRD27E  setuid failed**

**Explanation:** A setuid failed.  
**System action:** REXECD ends.  
**Operator response:** Contact the system programmer.  
**System programmer response:** A setuid failed. The following are the reasons that a setuid can fail:  
- The process is currently not able to change UIDs.  
- The value of uid is incorrect.  
- The process does not have appropriate privileges to set the UID to uid.

**Module:** rexecd.c  
**Procedure Name:** doit()

---

**EZYRD28E  Error from execl()**

**Explanation:** An error has occurred in trying to open the shell process to do the requested command.  
**System action:** REXECD ends.  
**Operator response:** Retry the command. If the problem persists contact the system programmer.  
**System programmer response:** An execl can fail for the following reasons:  
- The new process’s combined argument list and environment list has more bytes than the system defined limit ARG_MAX.
The process did not have appropriate permissions to run the specified file for one of the following reasons:

- The process did not have permission to search a directory named in your path.
- The process did not have execute permission for the file to be run.
- The file to be run was not a regular file and the system cannot run files of its type.
- The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory.

Module: rexecd.c

Procedure Name: doit()

EZYRD29E  String too long

Explanation: A string that is being converted from ASCII to EBCDIC is too long.

System action: REXECD ends.

Operator response: Retry the command and if the problem persists contact the system programmer.

System programmer response: A string that is outside the permissible limits is being passed to REXECD. Check the parameters being passed and if everything looks correct contact the support center.

Module: rexecd.c

Procedure Name: getstr()

EZYRD30I  usage: rexecd -dLV

Explanation: This message follows EZYRD01. It displays the valid options that are permitted in /etc/inetd.conf for the rexecd server.

System action: REXECD continues.

Operator response: None.

System programmer response: Correct the options specified in /etc/inetd.conf and from a superuser ID do a kill -1 pid number to cause inetd to reread the inetd.conf file.

Module: rexecd.c

Procedure Name: usage()

EZYRD31I  XXX YYY

Explanation: XXX is the program called (MVS REXECD).
YYY is the APAR number, or if there have been no APARs applied, it is base.

System action: REXECD continues.

Operator response: None.

System programmer response: None.

Module: rexecd.c

Procedure Name: main()
EZYRD32E  Cannot make second port

Explanation:  The rexecd server was unable to connect to the specified port.
System action:  REXECD ends.
Operator response:  Retry the command.
System programmer response:  The connect socket call to connect with the requested socket on the client failed for one of the following reasons:
  • The Socket parameter is not valid.
  • The Socket parameter refers to a file, not a socket.
  • The specified address is not available from the local machine.
  • The addresses in the specified address family cannot be used with this socket.
  • The socket is already connected.
  • The establishment of a connection timed out before a connection was made.
  • The attempt to connect was rejected.
  • No route to the network or host is present.
  • The specified address is already in use.
  • The Address parameter is not in a writable part of the user address space.
  • The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
  • The specified path name contains a character with the high-order bit set.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD33E  function failed. description rsn = errnojr

Explanation:  An unexpected value was returned from function.
description describes the error.
enerrnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.
System action:  REXECD ends.
Operator response:  Reissue the REXEC command, if the problem persist contact the system programmer.
System programmer response:  Correct the error indicated by description and errnojr.
Module:  rexecd.c
Procedure Name:  main()

EZYRD34I  Stderr socket is socket

Explanation:  Shows the socket number used for the standard error connection. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.
System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()
EZYRD35I  Int(socket): 20-bytes hex data 10 char ascii

Explanation:  Shows the data being sent from the client to the server after the command has been read. socket is the socket from which the data was read. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD36I  Ont(socket): 20-bytes hex data 10 char ascii

Explanation:  Shows the data being sent from the server to the client after the command has been read. socket is the socket to which the data was written. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD37I  Signal signal received on socket socket

Explanation:  Shows the value of a signal received from the client. This signal will be passed to the child process executing the command. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD38I  EOF received on socket socket

Explanation:  Indicates a EOF was received on the socket. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.

System action:  REXECD continues.
Operator response:  None.
System programmer response:  None.
Module:  rexecd.c
Procedure Name:  doit()

EZYRD39I  Child stderr socket is socket

Explanation:  Identifies the socket assigned in the parent process to the child standard error. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rexecd and debug is set up to write out in syslogd.
EZYRD42I • EZYRP37E

System action: REXEC continues.
Operator response: None.
System programmer response: None.
Module: rexecd.c
Procedure Name: doit()

EZYRD42I getsockname failure
Explanation: Getsockname could not return the local address structure that is connected to the socket.
System action: REXEC ends.
Operator response: Retry the command later.
System programmer response: See message EZYRD33E on the host where rexecd is running for more information including the failure description (errno) and reason code (errnojr.)
Module: rexecd.c
Procedure Name: main

EZYRP35I orpcinfo -d prognum versnum
Explanation: The command line syntax is displayed to indicate that the user invoked ORPCINFO with incorrect arguments.
System action: ORPCINFO exits.
Operator response: Reenter ORPCINFO with the correct control parameter syntax.
System programmer response: None.
Module: ORPCINFO
Procedure Name: Usage()

EZYRP36E Sorry. You are not root
Explanation: You must have root authority to use the -d option.
System action: The registration is not deleted.
Operator response: None.
System programmer response: Inform the system administrator of the problem.
Module: orpcinfo
Procedure Name: stderr

EZYRP37E orpcinfo: Could not delete registration for prog program version version
Explanation: orpcinfo failed to receive a positive response from the portmapper to its request to delete the specified program. See accompanying message for reason.
System action: The registration is not deleted.
Operator response: None.
System programmer response: Use other RPC options as appropriate. If necessary, inform the system administrator of the problem.
Module: orpcinfo
Procedure Name: stderr
EZYRP52E  oportmap CALLIT: cannot fork
Explanation: The portmapper was not able to fork as required to process a broadcast request.
System action: The portmapper ignores the broadcast request and continues.
Operator response: None.
System programmer response: Inform the system administrator of the problem.
Module: oportmap
Procedure Name: stderr

EZYRP66E  enablecache: cache already enabled The rpc udp cache has already been enabled.
Explanation:
System action: The server continues.
Operator response:
System programmer response: Revise the program without the redundant call to svcudp_enablecache().
Module: svc_upd.o
Procedure Name: stderr

EZYRP67E  enablecache: could not allocate cache
Explanation: The server was not able to allocate storage for its internal tables.
System action: The server continues without the benefit of the cache request.
Operator response: None.
System programmer response: Revise the program to fit in the available storage.
Module: svc_upd.o
Procedure Name: stderr

EZYRP68E  enablecache: could not allocate cache data
Explanation: The server was not able to allocate storage for its internal tables.
System action: The server continues without the benefit of the cache request.
Operator response: None.
System programmer response: Revise the program to fit in the available storage.
Module: svc_upd.o
Procedure Name: stderr

EZYRP69E  enablecache: could not allocate cache fifo
Explanation: The server was not able to allocate storage for its internal tables.
System action: The server continues without benefit of the cache request.
Operator response: None.
System programmer response: Revise the program to fit in the available storage.
Module: svc_upd.o
Procedure Name: stderr
EZYRP70E  cache_set: victim not found
Explanation:  The server was not able to find a cache reply that its internal tables indicated was there.
System action:  The server continues without the benefit of the cache request.
Operator response:  None.
System programmer response:  Inform the system administrator of the problem.
Module:  svc_upd.o
Procedure Name:  stderr

EZYRP71E  cache_set: victim alloc failed
Explanation:  The server was not able to allocate storage for its internal tables.
System action:  The server continues without the benefit of the cache request.
Operator response:  None.
System programmer response:  Revise the program to fit in the available storage.
Module:  svc_upd.o
Procedure Name:  stderr

EZYRP72E  cache_set: could not allocate new rpc_buffer
Explanation:  The server was not able to allocate storage for its cached reply.
System action:  The server continues without the benefit of the cache request.
Operator response:  None.
System programmer response:  Revise the program to fit in the available storage.
Module:  svc_upd.o
Procedure Name:  stderr

EZYRS01I  XXX YYY
Explanation:  XXX is the program called (MVS RSHD).
YYY is the APAR number, or if there have been no APARs applied, it is base.
System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  main()

EZYRS02W  Invalid option in /etc/inet.conf
Explanation:  An invalid option has been used in the /etc/inet.conf file. The allowable options are: dlV NOTE: If an invalid option has been specified None. of the valid options will be in effect.
System action:  RSHD continues.
Operator response:  None.
System programmer response:  Correct the configuration options in /etc/inet.conf for the entry shell under the column service name.
Module:  rshd.c
Procedure Name:  main
EZYRS03E  Getpeername failure.
Explanation:  Getpeername could not return the name of the peer that is connected to the socket.
System action:  RSHD ends.
Operator response:  Retry the command later.
System programmer response:  The name of the peer that is connected to the socket could not be found for one of the following reasons:
• The argument is not a valid descriptor.
• The argument is a file, not a socket.
• The socket is not connected.
• Insufficient resources were available in the system to perform the operation.
• The name parameter pointed to memory not in a valid part of process address space.
Module:  rshd.c
Procedure Name:  main

EZYRS04W  Setsockopt (SO_KEEPALIVE) failed
Explanation:  There was a failure in setting the socket keepalive option in setsockopt.
System action:  RSHD continues.
Operator response:  Retry the command.
System programmer response:  There was an error in setting the socket keepalive option when using setsockopt.  This error should not occur. Contact the IBM Software Support Center.
Module:  rshd.c
Procedure Name:  main

EZYRS05W  Setsockopt (SO_LINGER) failed
Explanation:  There was a failure in setting the socket linger option in setsockopt.
System action:  RSHD continues.
Operator response:  Retry the command.
System programmer response:  There was an error in setting the socket linger option when using setsockopt.  This error should not occur. Contact the IBM support center.
Module:  rshd.c
Procedure Name:  main

EZYRS06E  Malformed from address.
Explanation:  The IP address that was received can not be put in the correct network byte order.
System action:  RSHD ends.
Operator response:  Correct the address being sent in from the client.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit
EZYRS07W • EZYRS11E

EZYRS07W  Connection received using IP options (ignored)
Explanation: An attempt was made to put special IP options in the data stream. All special options are ignored.
System action: RSHD continues.
Operator response: None.
System programmer response: None.
Module: rshd.c
Procedure Name: doit

EZYRS08E  Setsockopt IP_OPTIONS NULL.
Explanation: An unsuccessful attempt was made to zero out the IP options.
System action: RSHD ends.
Operator response: None.
System programmer response: This error should not occur. Contact the IBM System Support Center.
Module: rshd.c
Procedure Name: doit

EZYRS09E  Connection from XX on illegal port YY
Explanation: An attempt was made to connect to RSHD using a non-reserved port. The port numbers that are considered to be reserved are 0-1023. IP options.
System action: RSHD ends.
Operator response: The client should attempt the connection on a reserved port.
System programmer response: None.
Module: rshd.c
Procedure Name: doit

EZYRS10E  Connection on illegal port.
Explanation: An attempt was made to connect to RSHD using a non-reserved port. The port numbers that are considered to be reserved are 0-1023. IP options.
Operator response: The client should attempt the connection on a reserved port.
System action: RSHD ends.
System programmer response: None.
Module: rshd.c
Procedure Name: doit

EZYRS11E  Binary one not received.
Explanation: The first byte of the string that is passed to the server is supposed to be a binary 1. This did not happen in this case.
System action: RSHD ends.
Operator response: Retry the command.
System programmer response: The string that is being passed from the client is not in the proper format. Check the string that is being passed from the client.
Module: rshd.c
Procedure Name: doit()

EZYRS12I  clisecport = n

Explanation:  n is the number of the secondary port that is being passed in from the client. This is the port that rshd will send the output to. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit()

EZYRS13E  Cannot get stderr port

Explanation:  The server has attempted to open a reserved port to be used for standard error.

System action:  RSHD ends.
Operator response:  Try again later.
System programmer response:  Do a netstat conn to determine if all reserved ports are in use.
Module:  rshd.c
Procedure Name:  doit()

EZYRS16E  Second port not reserved

Explanation:  The server has attempted to open a port that is not reserved.

System action:  RSHD ends.
Operator response:  None.
System programmer response:  The port number that the client has requested that the server use is not a reserved port number. The client must request a reserved port number.
Module:  rshd.c
Procedure Name:  doit()

EZYRS18E  Cannot make second port

Explanation:  The rshd server was unable to connect to the specified port.

System action:  RSHD ends.
Operator response:  Retry the command.
System programmer response:  The connect socket call to connect with the requested socket on the client failed for one of the following reasons:
- The Socket parameter is not valid.
- The Socket parameter refers to a file, not a socket.
- The specified address is not available from the local machine.
- The addresses in the specified address family cannot be used with this socket.
- The socket is already connected.
- The establishment of a connection timed out before a connection was made.
- The attempt to connect was rejected.
- No route to the network or host is present.
- The specified address is already in use.
• The Address parameter is not in a writable part of the user address space.
• The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
• The specified path name contains a character with the high-order bit set.

Module:  rshd.c
Procedure Name:  doit()

---

EZYRS19E  Cannot make second port

Explanation:  The rshd server was unable to connect to the specified port.
System action:  RSHD ends.
Operator response:  Retry the command.
System programmer response:  The connect socket call to connect with the requested socket on the client failed for one of the following reasons:
• The Socket parameter is not valid.
• The Socket parameter refers to a file, not a socket.
• The specified address is not available from the local machine.
• The addresses in the specified address family cannot be used with this socket.
• The socket is already connected.
• The establishment of a connection timed out before a connection was made.
• The attempt to connect was rejected.
• No route to the network or host is present.
• The specified address is already in use.
• The Address parameter is not in a writable part of the user address space.
• The socket is marked as nonblocking. The connection cannot be immediately completed. The application program can select the socket for writing during the connection process.
• The specified path name contains a character with the high-order bit set.

Module:  rshd.c
Procedure Name:  doit()

---

EZYRS20I  Could not look up address for XXX

Explanation:  A gethostbyname or getaddrinfo was done of XXX and the system was unable to find the specified name. The failure could be because of one of the following:
• The host specified by the Name parameter was not found.
• The local server did not receive a response from an authoritative server. Try again later.
• An unrecoverable error.
• The requested Name is valid but does not have an Internet address at the name server.
System action:  RSHD ends.
Operator response:  None.
System programmer response:  None.
Module:  RSHD.c
Procedure Name:  doit()
EZYRS21I  Remote user is: XXX
Explanation:  XXX is the login ID of the user on the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.
System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  RSHD.c
Procedure Name:  doit()

EZYRS22I  Local user is: XXX
Explanation:  XXX is the login ID that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.
System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  RSHD.c
Procedure Name:  doit()

EZYRS23I  Command is: XXX
Explanation:  XXX is the command that has been passed from the remote host. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.
System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit()

EZYRS24E  WWW@XXX as YYY: Unknown login. cmd = ZZZ
Explanation:  The remote user WWW at the remote site XXX logging on as user ID YYY does not have a valid logon ID. The command ZZZ was specified.
System action:  RSHD ends.
Operator response:  None.
System programmer response:  The user ID YYY will need to have a valid logon ID specified in the security database.
Module:  rshd.c
Procedure Name:  doit()

EZYRS25E  Unknown login.
Explanation:  The login was incorrect.
System action:  RSHD ends.
Operator response:  Retry the command.
EZYRS26E • EZYRS30E

System programmer response: It is considered to be a security violation to tell the client if the user ID or password is incorrect, so this is a generic message saying that one of them is incorrect.

Module: rshd.c
Procedure Name: doit()

EZYRS26E  WWW@XXX as YYY: no home directory. cmd = ZZZ
Explanation: The remote user WWW at the remote site XXX logging on as user ID YYY does not have a home directory specified. The command ZZZ was specified
System action: RSHD ends.
Operator response: None.
System programmer response: The user ID YYY will need to have a home directory specified in the security database.
Module: rshd.c
Procedure Name: doit()

EZYRS27E  No remote directory.
Explanation: No home directory has been set up on the remote host for the logon ID.
System action: RSHD ends.
Operator response: Contact the system programmer at the remote site and have a home directory set up in the security database.
System programmer response: Set up a home directory in the security database.
Module: RSHD.c
Procedure Name: doit()

EZYRS28E  WWW@XXX as YYY: permission denied. cmd = ZZZ
Explanation: The remote user WWW at the remote site XXX logging on as user ID YYY does not have a valid logon ID or password. The command ZZZ was specified
System action: RSHD ends.
Operator response: None.
System programmer response: The user ID YYY will need to have a logon ID of password specified in the security database.
Module: rshd.c
Procedure Name: doit()

EZYRS30E  Logins currently disabled.
Explanation: The systems administrator has disabled logins.
System action: RSHD ends.
Operator response: None.
System programmer response: A file in the /etc directory with the name nologin has been created. This disables all logins except superusers.
Module: rshd.c
Procedure Name: doit()
**EZYRS31E** Cannot make pipe.

**Explanation:** Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

* The FileDescriptor parameter points to a location outside of the allocated address space of the process.
* Two file descriptors are already open (OPEN_MAX).
* The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS32E** Cannot make pipe1.

**Explanation:** Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

* The FileDescriptor parameter points to a location outside of the allocated address space of the process.
* Two file descriptors are already open (OPEN_MAX).
* The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS33E** Cannot make pipe2.

**Explanation:** Trying to make a pipe to go between the parent and the child process. This pipe could not be made.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The pipe could not be made for one of the following reasons:

* The FileDescriptor parameter points to a location outside of the allocated address space of the process.
* Two file descriptors are already open (OPEN_MAX).
* The system file table is full, or the device containing pipes has no free i-nodes.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS34E** Cannot fork; try again.

**Explanation:** The parent process is trying to fork off a child process. It has not been able to do this.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails contact the system programmer.

**System programmer response:** The fork could not be done for one of the following reasons:

* The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
* There is not enough space for this process.

**Module:** rshd.c

**Procedure Name:** doit()
**EZYRS35E • EZYRS38E**

---

**EZYRS35E**

**Explanation:** An error occurred while reading data from socket zero. Socket zero is the standard input socket.

**System action:** RSHD ends.

**Operator response:** Retry the failing command and if it still fails, contact the system programmer.

**System programmer response:** This error should not occur. Contact the IBM System Support Center.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS36I**

**Explanation:** If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file.

**System action:** RSHD continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS37E**

**Explanation:** A set group ID subroutine failed.

**System action:** RSHD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

**Module:** rshd.c

**Procedure Name:** doit()

---

**EZYRS38E**

**Explanation:** An initgroups subroutine failed.

**System action:** RSHD ends.

**Operator response:** Contact the system programmer.

**System programmer response:** The subroutine can fail for the following reasons:

- The number of supplementary groups of the specified user plus the basegid group exceeds the maximum number of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

**Module:** rshd.c

**Procedure Name:** doit()
EZYRS39E  setuid failed
Explanation: A setuid failed.
System action: RSHD ends.
Operator response: Contact the system programmer.
System programmer response: A setuid failed. The following are the reasons that a setuid can fail:
• The process is currently not able to change UIDs.
• The value of uid is incorrect.
• The process does not have appropriate privileges to set the UID to uid.
Module: rshd.c
Procedure Name: doit()

EZYRS40E
Explanation: An error has occurred in trying to open the shell process to do the requested command.
System action: RSHD ends.
Operator response: Retry the command. If the problem persists contact the system programmer.
System programmer response: An execl can fail for the following reasons:
• The new process's combined argument list and environment list has more bytes than the system defined limit ARG_MAX.
• The process did not have appropriate permissions to run the specified file for one of the following reasons:
  – The process did not have permission to search a directory named in your path.
  – The process did not have execute permission for the file to be run.
  – The file to be run was not a regular file and the system cannot run files of its type.
• The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.
• A loop exists in symbolic links.
• One or more pathname components in path or file does not exist.
• The new process image file has the appropriate access permission but is not in the proper format.
• The new process requires more memory than is permitted by the operating system.
• A directory component of path or file is not really a directory.
Module: rshd.c
Procedure Name: doit()

EZYRS41E  String too long
Explanation: A string that is being converted from ASCII to EBCDIC is too long.
System action: RSHD ends.
Operator response: Retry the command and if the problem persists contact the system programmer.
System programmer response: A string that is outside the permissible limits is being passed to RSHD. Check the parameters being passed and if everything looks correct contact the support center.
Module: rshd.c
Procedure Name: getstr()
**EZYRS42E • EZYRS46I**

**EZYRS42E  rshd -adlnLV**

Explanation: This message follows EZYRS02W. It displays the valid options that are permitted in /etc/inetd.conf for the rshd server.

System action: RSHD ends.

Operator response: None.

System programmer response: Correct the options specified in /etc/inetd.conf and from a superuser ID do a kill -1 pid number to cause inetd to reread the inetd.conf file.

Module: rshd.c

Procedure Name: getstr()

**EZYRS43E  WWW as YYY: Unknown login. cmd = ZZZ**

Explanation: The remote user WWW is logging on as user ID YYY does not have a valid logon ID. The command ZZZ was specified.

System action: RSHD ends.

Operator response: None.

System programmer response: The user ID YYY will need to have a valid logon ID specified in the security database.

Module: rshd.c

Procedure Name: doit()

**EZYRS44E  WWW as YYY: no home directory. cmd = ZZZ**

Explanation: The remote user WWW logging on as user ID YYY does not have a home directory specified. The command ZZZ was specified.

System action: RSHD ends.

Operator response: None.

System programmer response: The user ID YYY will need to have a home directory specified in the security database.

Module: rshd.c

Procedure Name: doit()

**EZYRS45E  WWW as YYY: permission denied. cmd = ZZZ**

Explanation: The remote user WWW logging on as user ID YYY does not have a valid logon ID or password. The command ZZZ was specified.

System action: RSHD ends.

Operator response: None.

System programmer response: The user ID YYY will need to have a logon ID or password specified in the security database.

Module: rshd.c

Procedure Name: doit()

**EZYRS46I  WWW as YYY: cmd = zzz**

Explanation: If the -L option has been specified and if the syslog.conf file has been set up to send information or authorization messages to a file then this message will appear in the file. The remote user WWW logging on as user ID YYY has executed command zzzq.
EZYRS47I  WWW as YYY: cmd = zzz

Explanation: If the -L option has been specified and if the syslog.conf file has been set up to send information or
authorization messages to a file then this message will appear in the file. The remote user WWW logging on as user
ID YYY has executed command zzz.

System action: RSHD continues.
Operator response: None.
System programmer response: None.
Module: rshd.c
Procedure Name: doit()
EZYRS51I • EZYRS54I

the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where
the reason codes are listed.

System action: RSHD ends.

Operator response: Reissue the RSH command, if the problem persist contact the system programmer.

System programmer response: Correct the error indicated by description and errnojr.

Module: rshd.c

Procedure Name: main()

EZYRS51I  Stderr socket is socket

Explanation: Shows the socket number used for the standard error connection. This message is written to the file
that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and
debug is set up to write out in syslogd.

System action: RSHD continues.

Operator response: None.

System programmer response: None.

Module: rshd.c

Procedure Name: doit()

EZYRS52I  Int(socket): 20-bytes hex data 10 char ascii

Explanation: Shows the data being sent from the client to the server after the command has been read. socket is the
socket from which the data was read. This message is written to the file that is specified by syslog.conf for debug
messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action: RSHD continues.

Operator response: None.

System programmer response: None.

Module: rshd.c

Procedure Name: doit()

EZYRS53I  Ont(socket): 20-bytes hex data 10 char ascii

Explanation: Shows the data being sent from the server to the client after the command has been read. socket is the
socket to which the data was written. This message is written to the file that is specified by syslog.conf for debug
messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action: RSHD continues.

Operator response: None.

System programmer response: None.

Module: rshd.c

Procedure Name: doit()

EZYRS54I  Signal signal received on socket socket

Explanation: Shows the value of a signal received from the client. This signal will be passed to the child process
executing the command. This message is written to the file that is specified by syslog.conf for debug messages. It is
only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action: RSHD continues.

Operator response: None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit()

**EZYRS55I**  EOF received on socket

Explanation:  Indicates a EOF was received on the socket. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit()

**EZYRS56I**  Child stdin socket is

Explanation:  Identifies the socket assigned in the parent process to the child standard input. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit()

**EZYRS57I**  Child stdout socket is

Explanation:  Identifies the socket assigned in the parent process to the child standard output. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit()

**EZYRS58I**  Child stderr socket is

Explanation:  Identifies the socket assigned in the parent process to the child standard error. This message is written to the file that is specified by syslog.conf for debug messages. It is only written out if both debug is turned on for rshd and debug is set up to write out in syslogd.

System action:  RSHD continues.
Operator response:  None.
System programmer response:  None.
Module:  rshd.c
Procedure Name:  doit()
**EZYRS59I • EZYRS60E**

---

**EZYRS59I  Kerberos function** `funcname` **return code** `rcode`  

**Explanation:** This message is issued for debugging, error conditions, or both. It is written to syslog. It might be returned to the `orsh` client. If debugging is on for `orshd`, this message indicates that the Kerberos run-time function completed and gives the return code. If debugging is off for `orshd`, this message is issued if the Kerberos run-time function completes with a nonzero return code.

`funcname` is the Kerberos run-time function. Kerberos run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Administration](http://www.ibm.com). `rcode` is the hexadecimal return code from the Kerberos run-time function. The return codes from the run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Administration](http://www.ibm.com) under Kerberos Runtime Codes.

**System action:** `orshd` ends.

**Operator response:** If the message has a nonzero return code, the `orsh` client might not be authorized for kerberos use of `orshd`. Check with your system administrator.

**System programmer response:** Verify that the `orsh` client is authorized for Kerberos V5. Verify the Kerberos configuration.

**Module:** `rshdkerb`  

**Procedure Name:** `do_kerb5()`

---

**EZYRS60E  Kerberos error -** `errortype`  

**Explanation:** This message is issued to syslog when the `orshd` server detects an error in the Kerberos communication with the client. `errortype` can be one of the following:

**V1 validation**  
In the Kerberos exchange between client and server, the V1 validation failed.

**V2 validation**  
In the Kerberos exchange between client and server, the V2 validation failed.

**AP REQ validation**  
In the Kerberos exchange between client and server, the AP REQ validation failed.

**checksum failed**  
The `orshd` server start up configuration options specify that the Kerberos checksum must be valid (using `-m` option). In the Kerberos exchange between client and server, the checksum was not valid.

**encryption required**  
The `orshd` server start up configuration options specify that kerberos and encryption will be used (using `-e` option). In the exchange between client and server, the client did not specify encryption.

**forwarding is unsupported**  
Credentials forwarding was requested by the `orsh` Kerberos client. The `orshd` server does not support credentials forwarding.

**System action:** `orshd` ends.

**Operator response:** Contact the system or network administrator.

**System programmer response:** Turn on debugging for `orshd` to determine where in the Kerberos flow the error occurred. Verify that the `orsh` client is a valid Kerberos V5 client. There is probably a mismatch in the Kerberos support or options supported between the `orsh` client and server. Review the Kerberos configuration between the client and the server.

**Module:** `rshdkerb`  

**Procedure Name:** `do_kerb5()`
EZYRS61E  GSS-API function *funcname* error - *errmsg*

**Explanation:** This message is written to syslog by the orshd server. The Kerberos GSS-API run-time function failed. The text error message is provided.

*funcname* is the GSS-API run-time function that completed in error. GSS-API run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Programming](https://www.ibm.com/support/knowledgecenter/en/SSLTBW_2.4.0/com.ibm.zos.f11/c12868700_02.html).

*errmsg* is the text error message returned by the GSS-API run-time library. The messages from the run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Administration](https://www.ibm.com/support/knowledgecenter/en/SSLTBW_2.4.0/com.ibm.zos.f11/c12868700_0242494.html).

**System action:** orshd ends.

**Operator response:** The orshd client might not be authorized for GSS-API use of orshd. Contact your system administrator.

**System programmer response:** Turn on rshd debugging to determine where in the flow the error occurred. Verify that the client supports and is authorized for GSS. Verify the Kerberos GSS configuration between the client and server.

**Module:** rshdgss

**Procedure Name:** do_gssapi()

---

EZYRS62E  GSS-API function CALLING error *call_error* ROUTINE error *routine_error*

**Explanation:** This orshd message accompanies EZYRS61E. When a GSS-API run-time function has a nonzero return code, the message is written to syslog. This message identifies the GSS-API CALLING error and the ROUTINE error as defined by the GSS-API, and might be used for debugging.

*call_error* is the calling error part of the major status value returned by the GSS-API run-time library function. The major status value is described in the [z/OS Integrated Security Services Network Authentication Service Programming](https://www.ibm.com/support/knowledgecenter/en/SSLTBW_2.4.0/com.ibm.zos.f11/c12868700_02.html).

*routine_error* is the routine error part of the major status value returned by the GSS-API run-time library function. The major status value is described in the [z/OS Integrated Security Services Network Authentication Service Programming](https://www.ibm.com/support/knowledgecenter/en/SSLTBW_2.4.0/com.ibm.zos.f11/c12868700_02.html).

**System action:** orshd ends.

**Operator response:** The orshd client might not be authorized for GSS-API use of orshd. Contact your system administrator.

**System programmer response:** Verify that the client supports and is authorized for GSS. Verify the Kerberos GSS configuration between the client and server.

**Module:** rshdgss

**Procedure Name:** do_gssapi()

---

EZYRS63I  GSS-API function *funcname* complete

**Explanation:** This is an orshd informational message written to syslog if orshd has debugging turned on. It is used to determine which of the GSS-API run-time functions have completed successfully.

*funcname* is the GSS-API run-time function that completed. GSS-API run-time functions are documented in the [z/OS Integrated Security Services Network Authentication Service Programming](https://www.ibm.com/support/knowledgecenter/en/SSLTBW_2.4.0/com.ibm.zos.f11/c12868700_02.html).

**System action:** None.

**Operator response:** None.

**System programmer response:** None.

**Module:** rshdgss

**Procedure Name:** do_gssapi()
EZYRS64I  EZYRS66W

**EZYRS64I**  GSS-API received a token of length `token_length`

Explanation: This is an orshd GSS-API informational message written to syslog. It is a progress message for debugging and indicates that the orshd server received the GSS-API token from the client.

`token_length` is the decimal length of the GSS-API token received from the orsh client.

System action: None.

Operator response: None.

System programmer response: None.

Module: rshdgss

Procedure Name: `do_gssapi()`

---

**EZYRS65I**  GSS-API sent token of length `token_length`

Explanation: This is an orshd GSS-API informational message written to syslog. It is a progress message for debugging and indicates that the orshd server sent the GSS-API token to the client.

`token_length` is the decimal length of the GSS-API token sent to the orsh client.

System action: None.

Operator response: None.

System programmer response: None.

Module: rshdgss

Procedure Name: `do_gssapi()`

---

**EZYRS66W**  -k start option not valid for IPv6 connection

Explanation: Kerberos version 5.0 or the GSSAPI is not supported for IPv6 connections.

System action: Connection to the client is closed.

Operator response: If tcp6 is specified in the inetd configuration file for the shell service, then start RSHD without the `-k` start option.

System programmer response: None.

Module: rshd.c

Procedure Name: `main()`
Chapter 11. EZYTxxx messages

EZYTE01E  Cannot translate current code page.

Explanation: This message is written to the client as well as the syslog file. An invalid return code was received from the routine initxlate(), using the default code page ISO8859-1. The connection ends. This could be the result of one of the following conditions:

• Invalid return from iconv_open() for building either the ASCII EBCDIC translation table or the EBCDIC to ASCII translation table.
• Invalid return from iconv() after opening the translate table.

System action: Processing ends.

Operator response: Look for further information regarding the failure in the syslog file.

System programmer response: Correct the problem with the translation tables and reexecute the job.

Module: telnetd.c

Procedure Name: main

EZYTE02E  Invalid suboption in /etc/inetd.conf. Option = option

Explanation: An invalid suboption has been specified in the /etc/inetd.conf file for -a, -c, -D, or -X option.

System action: Processing ends.

Operator response: None.

System programmer response: Correct the configuration options in /etc/inetd.conf for the entry otelnetd under the column service name.

Module: telnetd.c

Procedure Name: main

EZYTE03E  Invalid option in /etc/inetd.conf. Option = option

Explanation: An invalid option has been specified in the /etc/inetd.conf file for telnetd.

System action: Processing ends.

Operator response: None.

System programmer response: Correct the configuration options in /etc/inetd.conf for the entry otelnetd under the column service name.

Module: telnetd.c

Procedure Name: main

EZYTE04I  catgets description rsn = errnojr

Explanation: This describes an error which occurred with the first attempt to retrieve a message from the message catalog. If this message appears, otelnetd will use the default messages hard-coded within the software. Otherwise, otelnetd will be use the message catalog stored in the file /usr/lib/nls/msg/C/tnmsgs.cat.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.

System action: Processing continues.

Operator response: None.
EZYTE05I • EZYTE09E

System programmer response: None.
Module: telnetd.c
Procedure Name: main

EZYTE05I Trace debug Debug diag keepalive keepalive kludgelinemode lmode hostinfo hostinfo Registered host registered_host linemode always multi_proc multi_proc

Explanation: If -D report/all is specified, the above messages will be issued. They describe the parameter settings after the /etc/inetd.conf for telnet is read and processed. Trace flag corresponds to -t. Debug flag corresponds to -D. linemode flags corresponds to -l. Kludgelinemode corresponds to -k. Keepalives correspond to -n. hostinfo flags correspond to -h and Registered host - U. multi_proc corresponds to -m.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: main

EZYTE07E Errors found during processing /etc/inetd.conf. Check the syslog file for more information.

Explanation: This message is written to the client not the syslog file. It is informing the user that the parameters which were specified for telnet server are invalid.

System action: Processing continues.
Operator response: Check the /etc/inetd.conf for the parameters specified. Check the stderr file to determine which parameters were identified as invalid. The supported options will be printed in the syslog file. Correct the error and retry.
System programmer response: None.
Module: telnetd.c
Procedure Name: usage

EZYTE08I Usage: Supported options for telnet:

Explanation: This message displays a list of all supported options for telnet. See z/OS Communications Server: IP Configuration Guide for more information.

System action: Processing ends.
Operator response: Log in again after the system programmer corrects the invalid options.
System programmer response: Correct the invalid options in /etc/inetd.conf.
Module: telnetd.c
Procedure Name: usage

EZYTE09E Telnet session is ending.

Explanation: This message is written to the client as well as the syslog file. An error was found during processing the telnet server options.

System action: Processing ends.
Operator response: Correct the invalid option and re-execute the job.
System programmer response: None.
Module: telnetd.c
Procedure Name: usage
EZYTE10I  terminaltypeok: call tgetent (buf, terminal type)

Explanation: This message is issued if -t is specified for tracing. It identifies the terminal type which is being negotiated for this connection.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: telnetd.c

Procedure Name: terminaltypeok

EZYTE11I  doit: host_name host name doit: IP address IP_address doit: PORT port doit: host host_name

Explanation: The following are variables that are set as a result of the gethostname(), gethostbyaddr(), getnameinfo(), or getaddrinfo().

- host_name is the name server name related to the IP address of the client.
- IP_address is the Internet address of the client.
- port is the port that the client is using.
- host_name is the MVS system being telnetted to.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: telnetd.c

Procedure Name: doit

EZYTE12E  userid Permission denied.

Explanation: This message is written to the client as well as the syslog file. The security checks for the user ID specified failed.

System action: Processing ends.

Operator response: Verify that the user ID specified is valid for the system trying to access. Verify that the password is the correct password for this userid. Retry the access.

System programmer response: None.

Module: telnetd.c

Procedure Name: doit

EZYTE13E  setgid failed description rsn = reason code

Explanation: This message is written to the client as well as the syslog file. A set group ID subroutine failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the [OS UNIX System Services Messages and Codes](https://www.ibm.com/docs/en/zos-system-services-messages-and-codes), where the reason codes are listed.

System action: Processing ends.

Operator response: Contact the system programmer.

System programmer response: The set group ID can fail for one of two reasons:

- The process does not have appropriate privileges to set the GID.
- The value of the GID parameter is incorrect.

Module: telnetd.c
EZYTE14E • EZYTE16I

Procedure Name: doit()

EZYTE14E  initgroups failed  description  rsn = errnojr

Explanation: This message is written to the client as well as the syslog file. An initgroups subroutine failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in
the introduction to the [reason codes (Errnojrs) chapter](https://www.ibm.com) of the [z/OS UNIX System Services Messages and Codes](https://www.ibm.com) where
the reason codes are listed.

System action: Processing ends.

Operator response: Contact the system programmer.

System programmer response: The subroutine can fail for the following reasons:

- The number of supplementary groups for the specified user plus the basegid group exceeds the maximum number
  of groups allowed, or an invalid user is specified.
- An MVS environmental or internal error occurred.
- The System authorization facility (SAF) had an error.
- The caller is not authorized, only authorized users are allowed to alter the supplementary group IDs list.

Module: telnetd.c

Procedure Name: doit()

EZYTE15E  setuid failed  description  rsn = errnojr

Explanation: This message is written to the client as well as the syslog file. A setuid failed.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in
the introduction to the [reason codes (Errnojrs) chapter](https://www.ibm.com) of the [z/OS UNIX System Services Messages and Codes](https://www.ibm.com) where
the reason codes are listed.

System action: Processing ends.

Operator response: Contact the system programmer.

System programmer response: A setuid failed. The following are the reasons that a setuid can fail:

- The process is currently not able to change UIDs.
- The value of uid is incorrect.
- The process does not have appropriate privileges to set the UID to uid.

Module: telnetd.c

Procedure Name: doit()

EZYTE16I  uid is: uid, gid is gid

Explanation: X is the uid that is obtained from the password structure and Y is the gid that is obtained from the
password structure. This message is written to the trace file if -t is specified as a telnet server option.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: telnetd.c

Procedure Name: doit()
EZYTE17I interrupt()
Explanation: Entered the interrupt subroutine. Used for tracing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: interrupt()

EZYTE18I sendbrk()
Explanation: Entered the sendbrk subroutine. Used for tracing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: sendbrk()

EZYTE19I sendsusp()
Explanation: Entered the sendsusp subroutine. Used for tracing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: sendsusp()

EZYTE20I recv_ayt()
Explanation: Entered the recv_ayt subroutine. Used for tracing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: recv_ayt()

EZYTE21I doeof()
Explanation: Entered the doeof subroutine. Used for tracing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: doeof()
**EZYTE22I • EZYTE24E**

<table>
<thead>
<tr>
<th>EZYTE22I herald() entered for filename</th>
</tr>
</thead>
<tbody>
<tr>
<td>Explanation: The herald routine was entered to process the file. This message is used for tracing.</td>
</tr>
<tr>
<td>In the message text:</td>
</tr>
<tr>
<td><strong>filename</strong></td>
</tr>
<tr>
<td>The file name that is being processed by the herald routine.</td>
</tr>
<tr>
<td>Example:</td>
</tr>
<tr>
<td>EZYTE22I herald() entered for /etc/otelnetd.banner</td>
</tr>
<tr>
<td>System action: Processing continues.</td>
</tr>
<tr>
<td>Operator response: None.</td>
</tr>
<tr>
<td>User response: None.</td>
</tr>
<tr>
<td>System programmer response: None.</td>
</tr>
<tr>
<td>Problem determination: Not applicable.</td>
</tr>
<tr>
<td>Source: z/OS Communications Server: z/OS UNIX Telnet server (otelnetd)</td>
</tr>
<tr>
<td>Module: telnetd.c</td>
</tr>
<tr>
<td>Routing code: *</td>
</tr>
<tr>
<td>Descriptor code: *</td>
</tr>
<tr>
<td>Automation: Not applicable for automation</td>
</tr>
</tbody>
</table>

---

**EZYTE23E herald: read error description rsn = errnoj**

Explanation: An attempt was done on /etc/banner to read in the herald. The read failed.

description describes the error.

errnoj is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) where the reason codes are listed.

System action: Processing continues.

Operator response: Correct the error indicated by description and errnoj.

System programmer response: None.

Module: telnetd.c

Procedure Name: herald()

---

**EZYTE24E herald: open error description rsn = errnoj**

Explanation: An attempt was done to open /etc/banner in the herald. The open failed.

description describes the error.

errnoj is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) where the reason codes are listed.

System action: Processing continues.

Operator response: Correct the error indicated by description and errnoj.

System programmer response: None.

Module: telnetd.c

Procedure Name: herald()
EZYTE25E  herald: malloc error \textit{description} \texttt{rsn = errnojr}

\textbf{Explanation}: An attempt was done to malloc/etc/banner in the herald. The malloc failed. \\
\textit{description} describes the error.

\texttt{errnojr} is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the \textit{reason codes (Errnojrs) chapter} of the \textit{z/OS UNIX System Services Messages and Codes} where the reason codes are listed.

\textbf{System action}: Processing continues.

\textbf{Operator response}: Correct the error indicated by \textit{description} and \texttt{errnojr}.

\textbf{System programmer response}: None.

\textbf{Module}: telnetd.c \\
\textbf{Procedure Name}: herald()

\hline

EZYTE26E  herald: stat error \textit{description} \texttt{rsn = errnojr}

\textbf{Explanation}: An attempt was done to stat /etc/banner in the herald. The stat failed. \\
\textit{description} describes the error.

\texttt{errnojr} is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the \textit{reason codes (Errnojrs) chapter} of the \textit{z/OS UNIX System Services Messages and Codes} where the reason codes are listed.

\textbf{System action}: Processing continues.

\textbf{Operator response}: Correct the error indicated by \textit{description} and \texttt{errnojr}. If an additional header is not stored in the /etc/banner file, specify \texttt{-h} on telnet configuration parameters to suppress the call to this routine for processing.

\textbf{System programmer response}: None.

\textbf{Module}: telnetd.c \\
\textbf{Procedure Name}: herald()

\hline

EZYTE27I  login:

\textbf{Explanation}: This message is written to the client not the syslog file. A request from the server to the user to enter their userid.

\textbf{System action}: Processing continues.

\textbf{Operator response}: Specify the correct user ID for the system which you are telnet’ing to. Processing continues.

\textbf{System programmer response}: None.

\textbf{Module}: telnetd.c \\
\textbf{Procedure Name}: verify_password()

\hline

EZYTE28I  userid Password:

\textbf{Explanation}: This message is written to the client not the syslog file. A request from the server to the user to enter their password.

\textbf{System action}: Processing continues.

\textbf{Operator response}: Specify the correct password for the user ID previously issued. Processing continues.

\textbf{System programmer response}: None.

\textbf{Module}: telnetd.c \\
\textbf{Procedure Name}: verify_password()
EZYTE29I  Starting new telnet session. catfd = catfd

Explanation:  Informational message identifying the first message issued by the server when diagnostic processing is specified. It also outputs the file descriptor associated with the message catalog. If this value is -1, than the user will be using the default messages hard-coded within the software. Otherwise, the user will be accessing the message catalog stored in the /usr/lib/nls/msg/C/tnmsgs.cat.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  telnetsd.c

Procedure Name:  main

EZYTE30E  Invalid return code received from expired_pw().

Explanation:  This message is written to the client as well as the syslog file. The password entered for the user ID specified has expired. The MVS SAF routine has been called to verify the new password entered. It complained resulting in the failure.

System action:  Processing ends.

Operator response:  Check for more information about the __passwd function in your syslog. Specify a valid new password and retry.

System programmer response:  None.

Module:  telnetsd.c

Procedure Name:  verify_password()

EZYTE31E  Processing ends. Caller is not a member of BPX.DAEMON facility.

Explanation:  This message is written to the client as well as the syslog file. The return from __passwd() function resulted in an errno of EPERM. This informs the user that they are not a member of the BPX.DAEMON security package.

System action:  Error

Operator response:  Contact your system support programmer to enable you for BPX.DAEMON

System programmer response:  None.

Module:  telnetsd.c

Procedure Name:  verify_password()

EZYTE32W  You entered an invalid login name or password.

Explanation:  This message is written to the client as well as the syslog file. The return from __passwd() function resulted in an errno stating that the password/user ID combination is invalid. The user will get three attempts to issue the correct password for the user ID specified. After the third invalid attempt the connection is ended.

System action:  Processing continues until after the third attempt, then it is ended.

Operator response:  Ensure you are issuing the correct password/user ID and retry.

System programmer response:  None.

Module:  telnetsd.c

Procedure Name:  verify_password()
EZYTE33W  Password expired.
Explanation:  This message is written to the client as well as the syslog file. The return from __passwd() function indicates that the password entered has expired.
System action:  Processing continues.
Operator response:  The program will continue processing and request that the user specify a new password.
System programmer response:  None.
Module:  telnetd.c
Procedure Name:  expired_pw()

EZYTE34I  Enter new password.
Explanation:  This message is written to the client and not the syslog file. The return from __passwd() function indicates that the password entered has expired. A request for a new password is indicated.
System action:  Processing continues.
Operator response:  Enter new password.
System programmer response:  None.
Module:  telnetd.c
Procedure Name:  expired_pw()

EZYTE35I  Re-enter new password.
Explanation:  This message is written to the client and not the syslog file. Reenter the password again to check for typos on entering the expired password.
System action:  Processing continues.
Operator response:  Enter new password.
System programmer response:  None.
Module:  telnetd.c
Procedure Name:  expired_pw()

EZYTE36E  You entered an invalid password.
Explanation:  This message is written to the client as well as syslog file. A call was made to __passwd() to change the expired password. The new password specified resulted in errors.
System action:  Processing continues.
Operator response:  Check the errno and errnojr for more information. Enter new password.
System programmer response:  None.
Module:  telnetd.c
Procedure Name:  expired_pw()

EZYTE37E  New passwords do not match.
Explanation:  This message is written to the client as well as syslog file. The second password entered does not match the first password entered.
System action:  Processing continues.
Operator response:  reenter new password.
System programmer response:  None.
Module:  telnetd.c
**EZYTE38E • EZYTE41I**

**Procedure Name:**  expired_pw()

---

**EZYTE38E  Password too long.**

**Explanation:**  This message is written to the client as well as syslog file. The password specified is too long. Only a maximum of eight characters can be used for the password.

**System action:**  Processing continues.

**Operator response:**  Pick a new password.

**System programmer response:**  None.

**Module:**  telnetd.c

**Procedure Name:**  expired_pw()

---

**EZYTE39W  Terminal type = DUMB. No full screen applications are supported**

**Explanation:**  This message is written to the syslog during diagnostic processing. Basically the terminal type specified during telnet negotiation was unsupported. Processing will continue but it will act as a dumb terminal. This means that all full screen applications will not work. Character-at-a-time raw mode applications such as vi will not work with a dumb terminal because they require full screen cursor support. Terminal types identified as 3270 will be changed to DUMB terminals.

**System action:**  Processing continues.

**Operator response:**  Do not use any full screen application.

**System programmer response:**  None.

**Module:**  telnetd.c

**Procedure Name:**  getterminaltype

---

**EZYTE40E  cleanup: waitpid failed. description rsn = errnojr**

**Explanation:**  The waitpid() provides a general interface that need to wait for certain child processes, that need resource utilization statistics accumulated by child process. A -1 was returned from the waitpid() for the child.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](#) of the [*z/OS UNIX System Services Messages and Codes*](#) where the reason codes are listed.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  The following conditions could be the result of an waitpid failure.

- The calling process has no existing unwaited-for child processes.
- The wait_status point to an illegal address.
- The call was interrupted by a caught signal or the signal did not have the SA_RESTART flag set.

**Module:**  telnetd.c

**Procedure Name:**  cleanup()

---

**EZYTE41I  cleanup: child exit status = wait status**

**Explanation:**  The result of the waitpid specified during cleanup.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.
Module:  telnetd.c
Procedure Name:  cleanup()

---

**EZYTE44E**  Fork utmp error.  *description rsn = errnojr*

Explanation:  This message is written to the client as well as the syslog file. The parent process is trying to fork off a child process. It has not been able to do this.  

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](/OS UNIX System Services Messages and Codes) of the `z/OS UNIX System Services Messages and Codes` where the reason codes are listed.

System action:  Processing ends.

Operator response:  Retry the failing command and if it still fails contact the system programmer.

System programmer response:  The fork could not be done for one of the following reasons:

- The total number of processes executing system-wide or by a single user would be exceeded, or the system does not have the resources necessary to create another process.
- There is not enough space for this process.

---

Module:  telnetd.c
Procedure Name:  doit()

---

**EZYTE45E**  parent: utmp error = wait status

Explanation:  The parent process is responding to the waitpid issued for the utmp processing. The parent could not cleanup the pid entry for the user ID specified.

System action:  Processing continues.

Operator response:  None.

System programmer response:  Possibly the `/etc/utmpx` file had been updated already to remove the user ID associated with this pid number.

---

Module:  telnetd.c
Procedure Name:  cleanup()

---

**EZYTE46E**  EXECL: error  *description rsn = errnojr*

Explanation:  This message is written to the client as well as the syslog file. An error has occurred in trying to open the shell process to do the requested command.  

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](/OS UNIX System Services Messages and Codes) of the `z/OS UNIX System Services Messages and Codes` where the reason codes are listed.

System action:  Processing ends.

Operator response:  Retry the command. If the problem persists contact the system programmer.

System programmer response:  An execl can fail for the following reasons:

- The new process’s combined argument list and environment list has more bytes than the system defined limit `ARG_MAX`.
- The process did not have appropriate permissions to run the specified file for one of the following reasons:
  - The process did not have permission to search a directory named in your path.
  - The process did not have execute permission for the file to be run.
  - The file to be run was not a regular file and the system cannot run files of its type.
The new process image file has the appropriate permission and has a recognized format, but the system does not support execution of a file with this format.

- A loop exists in symbolic links.
- One or more pathname components in path or file does not exist.
- The new process image file has the appropriate access permission but is not in the proper format.
- The new process requires more memory than is permitted by the operating system.
- A directory component of path or file is not really a directory. Correct the error indicated by description and errno.

**Module:** telnetd.c  
**Procedure Name:** doit()  

**EZYTE47I**  
**Int:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

**System action:** Processing continues.  
**Operator response:** None.  
**System programmer response:** None.

**Module:** protocol.h  
**Procedure Name:** telnet()  

**EZYTE48I**  
**Ont:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was outputted from the telnet server to the client via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

**System action:** Processing continues.  
**Operator response:** None.  
**System programmer response:** None.

**Module:** protocol.h  
**Procedure Name:** telnet()  

**EZYTE49I**  
**Ipt:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was inputted from the child to the telnet server via the master file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all. There might be an additional 4 bytes which are control data which will not be displayed with this message.

**System action:** Processing continues.  
**Operator response:** None.  
**System programmer response:** None.

**Module:** protocol.h  
**Procedure Name:** telnet()  

**EZYTE51W**  
**terminaltypeok:** Tgetent failure.

**Explanation:** The terminal type which was passed to the CURSES routine tgetent, did not match the supported types. Processing will attempt to negotiate a new terminal type. The supported terminal types can be found in /usr/lib/terminfo/ibm.

**System action:** Processing continues.

430  
**z/OS V1R11.0 Comm Svr: IP Messages Volume 3 (EZY)**
EZYTE52E  •  EZYTE55E

Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: terminaltypeok()

EZYTE52E  Couldn’t resolve your address into a host name. IP address is IP address description rsn = errnojr

Explanation: This message is written to the client as well as the syslog file. The function call to a gethostbyaddr() or getnameinfo() resulted in a failure. gethostbyaddr() or getnameinfo() returns a pointer to an object describing an Internet host referenced by address. This structure contains the information obtained from the name server.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in
the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes
where the reason codes are listed.
System action: Processing ends. if -U specified. Otherwise, processing continues.
Operator response: None.
System programmer response: Correct the error indicated by description and errnojr. The following are possible
reasons for failure:
• No such host is known.
• The local server did not receive a response from an authoritative server. Retry at some later time.
• Some unexpected server failure was encountered.
• The requested name is valid but does not have an IP address associated with this name.
• The local name server might be down.
Module: telnetd.c
Procedure Name: doit()

EZYTE54E  All network ports in use.

Explanation: This message is written to the client as well as the syslog file. An attempt was made to identify ttys for
the child process. An associated tty could not be obtained.
System action: Processing ends.
Operator response: Wait until some network ports are available.
System programmer response: Ensure that you have enough /dev/ptypXXXX and /dev/ttypXXXX for the number
of users accessing your system. Examine the ports in use and ensure that none of them are zombies. Eliminate any
zombies if found to free up some more ports.
Module: telnetd.c
Procedure Name: doit()

EZYTE55E  Getpty failed.

Explanation: An attempt was made to identify ttys for the child process. An associated tty could not be obtained.
System action: Processing ends.
Operator response: Wait until some network ports are available.
System programmer response: Ensure that you have enough /dev/ptypXXXX and /dev/ttypXXXX for the number
of users accessing your system. Examine the ports in use and ensure that none of them are zombies. Eliminate any
zombies if found to free up some more ports.
Module: telnetd.c
Procedure Name: doit()
**EZYTE56I**  •  **EZYTE61E**

**EZYTE56I**  Yes

**Explanation:**  This message is written to the client not the syslog file. A request was issued for AYT by the user.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  telnetd.c

**Procedure Name:**  recv_ayt()

---

**EZYTE57I**  TELNETD: netwrite len chars

**Explanation:**  The software issued data to be written to the client. This identifies the number of characters transmitted over the socket.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  telnetd.c

**Procedure Name:**  recv_ayt

---

**EZYTE59I**  read_pw: Character ignored char

**Explanation:**  Telnet was reading in information typed in by the user (usually user ID or password). There is an extraneous byte of information received after the carriage return (new line). This byte is ignored and processing is continued.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  telnetd.c

**Procedure Name:**  read_pw()

---

**EZYTE60I**  cleanup(): child_pid = child_pid

**Explanation:**  The child_pid specified is associated with the spawn issued at the start of this connection for the child.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  telnetd.c

**Procedure Name:**  cleanup()

---

**EZYTE61E**  parent: waitpid failed, status = wait status

**Explanation:**  The waitpid() provides a general interface that need to wait for certain child processes, that need resource utilization statistics accumulated by child process. A -1 was returned from the waitpid() for the child.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  The following conditions could be the result of an waitpid failure.

- The calling process has no existing awaiting-for child processes.
- The wait_status point to an illegal address.
The call was interrupted by a caught signal or the signal did not have the SA_RESTART flag set.

**Module:** telnetd.c

**Procedure Name:** cleanup

**EZYTE63I**

**Int:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to telnet negotiation data seen during processing of password and/or userid.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read_pw

**EZYTE64I**

**Int:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to input data received for password/user ID which exceeds the length of the buffer for password/user ID (8 bytes). This data will be ignored for further processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read_pw

**EZYTE65I**

**PROTOCOL:** send IAC Data Mark.

**Explanation:** A Data mark was sent to the client by the server.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet

**EZYTE66I**

**PROTOCOL:** Imodetype = Imodetype linemode = linemode useline useline.

**Explanation:**

- **Imodetype** signifies whether the client handle real linemode or if use of kludgelinemode is needed. It will be set to one of the following:
  - 0x04 REAL-LINEMODE - use the linemode option
  - 0x03 KLUDGE-OK
  - 0x02 NO-AUTOKLUDGE
  - 0x01 KLUDGE-LINMEODE - use kludge linemode
  - 0x00 NO-LINMODE - client is ignorant of linemode

- **linemode** is true if linemode is currently on.
**EZYTE67I • EZYTE70W**

**uselinemode** is the state that we wish to be in.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE67I**  
S(nfd): socketfd..ibits=ibits obits=obits ebits=ebits S(nfd): pty..ibits=ibits obits=obits ebits=ebits

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the read, write and exceptions on either the masterfd (pty) or the socketfd. The are associated with what will happen within the protocol function. They determine if reading/writing of the master file descriptor or the socket file descriptor will occur. They will also determine if there is an exception outstanding on a particular pty which needs to be addressed.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE68I**  
Ept: #bytes = cc pkcontrol(cntl) cntl

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An exception condition was identified which needs to be processed. This identifies the number of bytes read in for the exception and what the actual exception condition was which needs to be handled.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE69I**  
PROTOCOL: cntl = cntl

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. The resulting exception condition after it has been processed with out-of-band data.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTE70W**  
PROTOCOL: Found an unknown exception.

**Explanation:** These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An exception was read in which we are not processing currently. It is ignored. The ones currently handled are:

- FLUSHWRITE
- DOSTOP
- NOSTOP
CHCP
IOCTL

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: protocol.h
Procedure Name: telnet()

EZYTE71I  SYNCHing is turned on
Explanation: These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: protocol.h
Procedure Name: telnet()

EZYTE72I  PROTOCOL: netread ncc chars.
Explanation: These messages are only issued if -t is specified in /etc/inetd.conf. Identifies the number of bytes read in from the client to be either sent on to the child or processed by the server.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: protocol.h
Procedure Name: telnet()

EZYTE73I  PROTOCOL: EOF on socket.
Explanation: These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: protocol.h
Procedure Name: telnet()

EZYTE74I  PROTOCOL: EOF on master tty.
Explanation: These messages are only issued if -t is specified in /etc/inetd.conf. They correlate to the conditions of the exceptions on the pty. An EOF was received on the master tty. This results in the cleanup routine being called and the session eventually terminated.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: protocol.h
Procedure Name: telnet()

EZYTE78I  PROTOCOL: ptyread pcc chars
Explanation: These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the number of bytes read in from the child. They will be sent on to the client after processing by the server.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: protocol.h
Procedure Name: telnet()

EZYTE79E  PROTOCOL: select mask too small, increase FD_SETSIZE description rsn = errnojr
Explanation: This message is written to the client as well as the syslog file. Select uses bit masks of file descriptors in longs. FD_SETSIZE is defaulted to 2048.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.
System action: Processing ends.
Operator response: None.
System programmer response: Increase the FD_SETSIZE to an appropriate number and rebuild the server.
Module: protocol.h
Procedure Name: telnet()

EZYTE80W  PROTOCOL: select description rsn = errnojr
Explanation: This message is written to the syslog file when the select() function Call has terminated due to a timeout value being exceeded. The telnet session is ended.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.
System action: Session is cancelled due to timeout.
Operator response: None.
System programmer response: Check the -c value in the /etc/inetd.conf file to verify that the timeout value is appropriate.
• The select() timed out.
• The telnet session is ended due to the select() timeout.
• Check the -c select timeout value in the /etc/inetd.conf file.
Module: protocol.h
Procedure Name: telnet()

EZYTE81E  PROTOCOL: ioctl net FIONBIO. description rsn = errnojr
Explanation: An unexpected value was returned from the ioctl.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the `reason codes (Errnojrs)` chapter of the `z/OS UNIX System Services Messages and Codes` where the reason codes are listed.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  Correct the error indicated by `description` and `errnojr`. The following are some possible explanations of the failure:

* The file descriptor specified is invalid.
* The file descriptor specified is not associated with a character special device.
* The specified request does not apply to the kind of object that the socket file descriptor references.

**Module:**  `protocol.h`

**Procedure Name:**  `telnet()`

---

**EZYTE82E**

**EZYTE82E**

**PROTOCOL:**  error fcntl masterfd FIONBIO.

**Description:**  `description` = `errnojr`

**Explanation:**  An unexpected value was returned from the `ioctl`.

`description` describes the error.

`errnojr` is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the `reason codes (Errnojrs)` chapter of the `z/OS UNIX System Services Messages and Codes` where the reason codes are listed.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  Correct the error indicated by `description` and `errnojr`. The following are some possible explanations of the failure:

* The file descriptor specified is invalid.
* The file descriptor specified is not associated with a character special device.
* The specified request does not apply to the kind of object that the socket file descriptor references.

**Module:**  `protocol.h`

**Procedure Name:**  `telnet()`

---

**EZYTE84I**

**EZYTE84I**

**PROTOCOL:**  SIMULATING receive

**Explanation:**  An unexpected value was returned from the `ioctl`.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  `protocol.h`

**Procedure Name:**  `telnet()`

---

**EZYTE85I**

**EZYTE85I**

**SYNCHing = SYNCHing**

**Explanation:**  An unexpected value was returned from the `ioctl`.

**System action:**  Processing continues.

**Operator response:**  None.

**System programmer response:**  None.

**Module:**  `protocol.h`

**Procedure Name:**  `telnet()`
EZYTE86W  TELNETD: setitimer description rsn = errnojr

Explanation: This message is written to the syslog file when the setitimer expires due to the timeout value being exceeded before the user had logged in. The telnet session is ended.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) where the reason codes are listed.

System action: Session is cancelled due to timeout.

Operator response: None.

System programmer response: Check the -c value in the /etc/inetd.conf file to verify that the timeout value is appropriate.
  • The user timed out before logging in.
  • The telnet session is ended due to the user timeout.
  • Check the -c timeout value in the /etc/inetd.conf file.

Module: telnetd.c

Procedure Name: telnet()

---

EZYTE87W  TELNETD: sigaction() failed - description rsn = errnojr

Explanation: This message is written to the syslog file when the sigaction() has failed. This will cause the user timeout value before login (-c option) not to be set. The telnet session continues without the timeout set.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) where the reason codes are listed.

System action: Signal handler for SIGALRM not set up, user timeout before login will not be set.

Operator response: None.

System programmer response: Correct the error indicated by description and errnojr.

Module: telnetd.c

Procedure Name: telnet()

---

EZYTE88E herald: function error on filename description rsn = errnojr

Explanation: The herald routine attempted to perform the specified function using the specified file, but the function failed. The banner page from this file will not be displayed.

In the message text:

function

  The function call that failed.

filename

  The file name that is being processed by the herald routine.

description

  A description of the error.

errnojr

  The hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) where the reason codes are listed.

Example:

EZYTE88E herald: stat error on /etc/otelnetd.banner EDC5129I No such file or directory. rsn = 053B006C
EZYTE89I | EZYTO01I

| **System action:** | Processing continues. |
| **Operator response:** | None. |
| **User response:** | Not applicable. |
| **System programmer response:** | Correct the error indicated by the description and errnojr values. If you do not want telnet to display this banner page, specify the -h option on the telnet configuration parameter. |
| **Problem determination:** | See the system programmer response. |
| **Source:** | z/OS Communications Server: z/OS UNIX Telnet server (otelnets) |
| **Module:** | telnets.c |
| **Routing code:** | * |
| **Descriptor code:** | * |
| **Automation:** | Not applicable for automation |

---

**EZYTE89I** herald: filename is an empty file

**Explanation:** The specified file is empty. The expected banner page is not displayed.

**In the message text:**

`filename`

The name of the file that is being processed by the herald routine.

**Example:**

EZYTE89I herald: /etc/otelnets.banner is an empty file

**System action:** Processing continues.

**Operator response:** None.

**User response:** Not applicable.

**System programmer response:** Ensure that a banner page is stored in the specified file, or if you do not want telnet to display this banner page, specify the -h option on the telnet configuration parameter.

**Problem determination:** Not applicable.

**Source:** z/OS Communications Server: z/OS UNIX Telnet server (otelnets)

**Module:** telnets.c

**Routing code:** *

**Descriptor code:** *

**Automation:** Not applicable for automation.

---

**EZYTO01I** Int: 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to input data received for password/user ID processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnets.c

**Procedure Name:** read_pw()
EZYTO02I  Ont: 20 bytes hex data 10 char ascii.
Explanation: This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for password/user ID processing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: tlnetd.c
Procedure Name: read_pw()

EZYTO03E  Incoming session is not from a registered host.
Explanation: The server has been configured with a -U option which stipulates that only registered hosts will be accepted. The telnet session currently being processed is not registered and will be rejected.
System action: Processing ends.
Operator response: None.
System programmer response: Ensure that the incoming address is specified in the appropriate name server or etc/host file.
Module: tlnetd.c
Procedure Name: doit()

EZYTO04I  username = userid
Explanation: During processing of the userid/password, this message is issued if diagnostic processing is turned on. It will print out the user ID which was entered.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: tlnetd.c
Procedure Name: verify_password()

EZYTO05I  Initial EBCDIC codepage = codepage, ascii codepage = codepage
Explanation: If diagnostic processing is turned on, this message will indicate what the initial code page settings are.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: tlnetd.c
Procedure Name: main()

EZYTO06I  Int: 20 bytes hex data 10 char ascii.
Explanation: This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for banner processing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: herald()

EZYTO07I Ont: 20 bytes hex data 10 char ascii.
Explanation: This is hex/ascii representation of data which was outputted to the client from the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for banner processing.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: herald()

EZYTO08E Password too long.
Explanation: This message is written to the client as well as syslog file. The password specified is too long. Only a maximum of eight characters can be used for the password.
System action: Processing continues.
Operator response: Specify a correct password.
System programmer response: None.
Module: telnetd.c
Procedure Name: read_pw()

EZYTO09I options(entry) = value .
Explanation: This message is written to the syslog file. It identifies which options have been negotiated prior to the exec() taking place in the telnet server. The option array entry corresponds to a telnet option. The resulting value represents what was negotiated. If the value is 3 it correlates with the client has agreed to perform that function. If it is 12, then the server has agreed to perform this function.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: telnetd.c
Procedure Name: doit()

EZYTO10E Terminaltype is not recognized. save_type
Explanation: The client responded to a DO TERMINAL TYPE, with a WILL TERMINAL TYPE. It then proceeded to send via subnegotiation, terminal types which are not supported by this server. As a valid terminal type was not received the session is ended.
System action: Processing ends
Operator response: Ensure that the client you are using can support terminal types which are supported by the curses function of tgetent(). At this time, this does not include 3270. Therefore, if your client is attempting to emulate a 3270 data stream the connection will not be accepted by this server.
System programmer response: None.
Module: telnetd.c
Procedure Name: doit()
**EZYTO11I • EZYTS04I**

**EZYTO11I**  
**Int:** 20 bytes hex data 10 char ascii.

**Explanation:** This is hex/ascii representation of data which was outputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all. It corresponds to data received for telnet subnegotiation which was deferred until the tty was active.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** undo_chars()

---

**EZYTO12E**  
Logon user name too long.

**Explanation:** This message is written to the client as well as syslog file. The logon user name specified is too long. Only a maximum of eight characters can be used for the userid.

**System action:** Processing continues.

**Operator response:** Specify a correct userid.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** read_pw()

---

**EZYTS02I**  
STATE:telrcv: send IAC c

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation SENT during the execution of the job.

**System action:** Telnet Server continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** telrcv

---

**EZYTS03E**  
STATE:telrcv: panic state = state

**Explanation:** An IAC command is found during telnet negotiation and is followed by an unrecognized command option.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Issue traces to determine what was attempting to be negotiated as telnet control data. Trace to issue from server is ‘-D options’.

**Module:** state.c

**Procedure Name:** telrcv

---

**EZYTS04I**  
STATE:send_do: send option

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a request to issue a DO option.

**System action:** Processing continues.
Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: send_do

---

**EZYTS05I** STATE:willoption: receive WILL option

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically the receipt of WILL request.

**System action:** Processing continues.

Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: willoption

---

**EZYTS06I** STATE: willoption: set to kludge ok

**Explanation:** This is an informational message which is only issued if the user has specified -t in the /etc/inetd.conf file. It informs the user that kludgelinemode is operational.

**System action:** Processing continues.

Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: willoption

---

**EZYTS07I** STATE:send_dont: send DON'T option

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a request to issue a DONT option.

**System action:** Processing continues.

Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: send_dont

---

**EZYTS08I** STATE:wontoption: receive WON'T option

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WONT was received.

**System action:** Processing continues.

Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: wontoption
EZYTS09I  STATE:send_will: send WILL option
Explanation: This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WILL was sent.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: send_will

EZYTS10I  STATE:dooption: receive DO option
Explanation: This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DO was received.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: dooption

EZYTS11I  STATE:send_wont: send WON'T option
Explanation: This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WONT was sent.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: send_wont

EZYTS12I  STATE:dontoption: receive DON'T option
Explanation: This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DONT was received.
System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: state.c
Procedure Name: dontoption

EZYTS13I  ENVIRON VALUE and VAR are reversed!
Explanation: This is an informational message which is only issued if the user has specified -D options in the /etc/inetd.conf file. This is issued during suboption negotiation. To be interoperable we need to determine if the VALUE and VAR values are reversed. If the first recognized character is a VAR or VALUE, then that will tell what type of client it is. If the first recognized character is a USERVAR, then we continue scanning the suboption looking
for two consecutive VAR or VALUE fields. We should not get two consecutive VALUE fields. If a client has sent a well-formed option then the number of VALUES received should always be less than or equal to the number of VARS and USERVARs received. If not then the client has reversed the definitions.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** suboption

---

**EZYTS14I Opt: 20 bytes hex data 10 char ascii.**

**Explanation:** This is hex/ascii representation of data which was Outputted from the client to the child via the master file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** telrcv()

---

**EZYTS15I STATE:dooption:deferred receive DO option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a DO was received prior to the creation of the tty which might require special tty processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** dooption

---

**EZYTS16I STATE:willoption:deferred receive WILL option**

**Explanation:** This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. It informs the user of internal telnet negotiation occurring during the execution of the job. Specifically a response that a WILL was received prior to the creation of the tty which might require special tty processing.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** state.c

**Procedure Name:** willoption

---

**EZYTS17I STATE:Defer subotopn negotiation.**

**Explanation:** This is an informational message that is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. Subnegotiation data was received that must be deferred until the tty is active.

**System action:** Processing continues.
**EZYS18I • EZYTU02E**

Operator response: None.

System programmer response: None.

Module: state.c

Procedure Name: suboption()

---

**EZYS18I**  STATE:Process deferred subotopn negotiation.

Explanation: This is an informational message which is only issued if the user has specified -D options/report/all in the /etc/inetd.conf file. Subnegotiation data was received that must be deferred until the tty is active. Now we can process this information.

System action: Processing continues.

Operator response: None.

System programmer response: None.

Module: state.c

Procedure Name: suboption()

---

**EZYTU01E**  UTILITY:Read from ttloop. description rsn = errnojr

Explanation: This message is written to the client as well as the syslog file. The number of bytes returned from a read on the socketfd (client) is invalid. A negative value was received. The connection is ended.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) where the reason codes are listed.

System action: Processing ends.

Operator response: Correct the error indicated by description and errnojr.

System programmer response: None.

Module: utility.c

Procedure Name: ttloop

---

**EZYTU02E**  UTILITY:Read from ttloop. Peer died. description rsn = errnojr

Explanation: This message is written to the client as well as the syslog file. The number of bytes returned from a read on the socketfd (client) is invalid. A value of zero was received. The connection is ended.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) where the reason codes are listed.

System action: Processing ends.

Operator response: Correct the error indicated by description and errnojr.

System programmer response: None.

Module: utility.c

Procedure Name: ttloop
**EZYTU03I**  UTILITY:ttloop read ncc chars.

**Explanation:** This message is issued if -D report or -D ptydata, is specified. It will write the number of characters that were read in from the socketfd, (client’s socket) to be processed. It will be followed by hex data, preceded by the tag Int. This signifies a hex and ascii representation of input data coming into the telnet server from the network.

**System action:** Processing continues.

**Operator response:** None. Debug trace data.

**System programmer response:** None.

**Module:** utility.c

**Procedure Name:** ttloop

---

**EZYTU04E**  Telnetd: UTILITY: Can not translate current code page.

**Explanation:** This message is written to the client as well as the syslog file. An error was found while processing the initxlate() routine. The function will terminate the connection.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Check for additional messages issued.

**Module:** utility.c

**Procedure Name:** ReturnToDefault

---

**EZYTU05E**  UTILITY: __tcsetcp. description rsn = errnojr

**Explanation:** This message is written to the client as well as the syslog file. An error was found while processing the default code pages.

*description* describes the error.

*errnojr* is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs)](https://publib.boulder.ibm.com/infocenter/zos/v2r11/index.jsp?topic=/com.ibm.zos.r11楫brand�楊n/cmsgz0081815_0026.html) chapter of the [z/OS UNIX System Services Messages and Codes](https://publib.boulder.ibm.com/infocenter/zos/v2r11/index.jsp?topic=/com.ibm.zos.r11楫brand�楊n/cmsgz0081815_0026.html), where the reason codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** utility.c

**Procedure Name:** ReturnToDefault

---

**EZYTU06E**  Error using code pages newNames.__tccp_toname and newNames.__tccp_fromname - returning to default code pages.

**Explanation:** This message will be issued to the client and only to syslog file, if debug_mode is specified. The current code pages are not working correctly. Telnet is returning to the default code pages. If -D netdata is specified, this message will be followed by the hex and ascii translation of this message preceded by the tag ‘Ont’.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** Check the installation of the code pages. If requested code page is not valid, generate the appropriate codepage. Otherwise, if the option is valid, check to see if codepage is still good.

**Module:** utility.c

**Procedure Name:** ReturnToDefault
EZYTU07E  UTILITY: __tcgetcp. description  

Explanation:  This message is written to the client as well as the syslog file. An error was found while changing the code pages.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.

System action:  The connection is ended.

Operator response:  None.

System programmer response:  Correct the error indicated by description and errnojr.

Module:  utility.c

Procedure Name:  change_translate

---

EZYTU08I  Telnetd: UTILITY: Change to binary mode.

Explanation:  The tty has been switched to binary mode.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  utility.c

Procedure Name:  change_translate

---

EZYTU09I  UTILITY: Change to SingleByte pages newNames.__tccp_toname newNames.__tccp_fromname

Explanation:  This is a single byte code page. A call to initxlate() will be made to setup the new code pages.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  utility.c

Procedure Name:  change_translate

---

EZYTU10I  UTILITY: Change to MultiByte pages newNames.__tccp_toname newNames.__tccp_fromname

Explanation:  This is a multi-byte code page. A call to doMultiByte() will be made to setup the new code pages.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  utility.c

Procedure Name:  doMultiByte

---

EZYTU11E  UTILITY: Unexpected input string description  

Explanation:  This message is written to the client as well as the syslog file. The errno identified from iconv (on the ascii to EBCDIC converter) was EINVAL. EINVAL should only be encountered when the last character in the input buffer is incomplete. This did not occur.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in
the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.

System action: Processing ends.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: A2Emultiybyte_translate

---

**EZYTU12E**  UTILITY: Unexpected iconv error  
**Explanation:** This message is written to the client as well as the syslog file. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.

System action: Processing ends.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: A2Emultiybyte_translate

---

**EZYTU13E**  UTILITY: stilloob: select  
**Explanation:** This message is written to the client as well as the syslog file. A check on the file descriptor was made to determine if out of band data existed. An invalid value was returned. The value was less than zero.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.

System action: Processing ends.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: stilloob

---

**EZYTU14I**  UTILITY: netwrite n chars.  
**Explanation:** This message is issued if -D report or -D ptydata, is specified. It will write the number of characters which were read in from the socketfd, (client’s socket) to be processed. It will be followed by hex data, preceded by the tag "Ont". This signifies a hex and ascii representation of Output data coming from the Telnet server to the net.

System action: Processing continues.
Operator response: None. Debug trace data.
System programmer response: None.
Module: utility.c
Procedure Name: netflush
EZYTU15I  UTILITY: ptywrite $ chars.

Explanation: This message is issued if -D report or -D ptydata, is specified. It will write the number of characters which were read in from the socketfd, (client’s socket) to be processed. It will be followed by hex data, preceded by the tag "Opt". This signifies a hex and ascii representation of Output data coming from the Telnet server to the child.

System action: Processing continues.
Operator response: None. Debug trace data.
System programmer response: None.
Module: utility.c
Procedure Name: ptyflush

EZYTU16I  UTILITY: Write of masterfd. description rsn = errnojr

Explanation: This message is issued if -D report or -t, is specified. A negative value was received of the number of bytes written to the masterfd. Processing continues and control is returned to the calling routine.

description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.

System action: Processing continues.
Operator response: None. Debug trace data.
System programmer response: None.
Module: utility.c
Procedure Name: ptyflush

EZYTU17I  UTILITY: direction suboption sub_option

Explanation: A telnet negotiated suboption was either received or sent by the client.
direction is either send or receive.
sub_option is the Telnet negotiation suboption.

System action: Processing continues.
Operator response: None. Debug trace data.
System programmer response: None.
Module: utility.c
Procedure Name: printsub

EZYTU18I  UTILITY: write/send from NETFLUSH

Explanation: A telnet negotiated suboption was either received or sent by the client. The remaining portion of this command identifies what the suboption was.

System action: Processing continues.
Operator response: None. Debug trace data.
System programmer response: None.
Module: utility.c
Procedure Name: printsub
EZYTU19E  •  EZYTU22I

EZYTU19E  UTILITY: Unexpected iconv open error description rsn = errnojr

Explanation:  The iconv_open failed for ascii to EBCDIC converter. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojr)](https://www.ibm.com/support/knowledgecenter/SSECG22_1.1.0/com.ibm.zos.v1r12.messages.all.doc/err_msg_0010.html) chapter of the [z/OS UNIX System Services Messages and Codes](https://www.ibm.com/support/knowledgecenter/SSECG22_1.1.0/com.ibm.zos.v1r12.messages.all.doc/err_msg_0010.html), where the reason codes are listed.

System action:  Processing ends.

Operator response:  None.

System programmer response:  Ensure that the converter table being specified is valid and exists.

Module:  utility.c

Procedure Name:  doMultiByte()

---

EZYTU20I  Int: 20 bytes hex data 10 char ascii.

Explanation:  This is hex/ascii representation of data which was inputted from the client to the telnet server via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  utility.c

Procedure Name:  ttloop()

---

EZYTU21I  Ont: 20 bytes hex data 10 char ascii.

Explanation:  This is hex/ascii representation of data which was outputted from the telnet server to the client via the socket file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D netdata or -D all.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  utility.c

Procedure Name:  netflush()

---

EZYTU22I  Opt: 20 bytes hex data 10 char ascii.

Explanation:  This is hex/ascii representation of data which was outputted from the client to the child via the master file descriptor. This is only seen during tracing of the server. The /etc/inetd.conf must have specified -D ptydata or -D all.

System action:  Processing continues.

Operator response:  None.

System programmer response:  None.

Module:  utility.c

Procedure Name:  ptyflush()
EZYTU23E  UTILITY: Unexpected iconv error  description rsn = errnojr

Explanation: This message is written to the client as well as the syslog file. The errno identified from iconv (on the EBCDIC to ascii converter) is not currently checked for. Unexpected error detected.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.

System action: Processing ends.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: E2Amultiybyte_translate

EZYTU24E  UTILITY: Unexpected iconv error.  description rsn = errnojr

Explanation: This message is written to the client as well as the syslog file. An unexpected error condition was received from the iconv call.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.

System action: Processing ends.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: E2Amultiybyte_translate

EZYTU25E  UTILITY: Unexpected iconv error  description rsn = errnojr

Explanation: Building an ascii to EBCDIC translate table from the default tables. An error was produced during processing. Check the errno and errnojr for corrective action.

description describes the error.

errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes where the reason codes are listed.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: initxlate()
the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where
the reason codes are listed.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: INITXDATE()

EZYTU27E UTILITY: Unexpected iconv open error description rsn = errnojr

Explanation: The iconv_open failed for EBCDIC to ascii converter. The errno identified from iconv (on the EBCDIC to ascii converter) is not currently checked for. Unexpected error detected.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.
System action: Processing ends.
Operator response: None.
System programmer response: Ensure that the converter table being specified is valid and exists.
Module: utility.c
Procedure Name: DOMULTIBYTE()

EZYTU28E UTILITY: Unexpected iconv open error description rsn = errnojr

Explanation: The iconv_open failed for ascii to EBCDIC converter. The errno identified from iconv (on the ascii to EBCDIC converter) is not currently checked for. Unexpected error detected.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojrs) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.
System action: Processing ends.
Operator response: None.
System programmer response: Ensure that the converter table being specified is valid and exists.
Module: utility.c
Procedure Name: INITXDATE()

EZYTU29E UTILITY: ascii translation error Xbuf->begin_translate

Explanation: The iconv failed for ascii to EBCDIC converter.
System action: Processing continues.
Operator response: None.
System programmer response: Ensure that the converter table being specified is valid and exists.
Module: utility.c
Procedure Name: A2Emultibyte_translate()
EZYTU30I UTILITY: A2E Begin_write len=bytes_translated, data=begin_w

Explanation: Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: A2Emultibyte_translate()

EZYTU31I UTILITY:E2A Begin_translate len=inlen, data=begin_w

Explanation: The iconv failed for EBCDIC to ascii converter. Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: E2Amultibyte_translate()

EZYTU32E UTILITY:EBCDIC translation error bad char

Explanation: Tracing information inserted to help debug conversion errors. It prints out both the length of the characters being converted as well as the character set. It is invoked using -t option in the setup parameters.

System action: Processing continues.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: E2Amultibyte_translate()

EZYTU33E UTILITY:Termination loop detected - telnet exiting

Explanation: A loop was detected during termination while processing an unrecoverable error. The telnet server will terminate immediately after printing this message.

System action: Processing ends.
Operator response: None.
System programmer response: None.
Module: utility.c
Procedure Name: fatal()

EZYTU34I id id pri pri call failing call code errno reason errnojr h_errno h_errno

Explanation: A system or library call failed.

id This identifies the location within the source code that recorded the error.
pri This is the value passed as the first parameter to the syslog() function. See the description of the syslog() function in z/OS XL C/C++ Run-Time Library Reference for more information.
failing call
This is the system or library call which failed. See the description of this system or library call in z/OS XL C/C++ Run-Time Library Reference for more information.

errno
This is the hexadecimal UNIX System Services return code. These return codes are listed and described in the return codes (errnos) information in z/OS UNIX System Services Messages and Codes. If there is no errno, this field will display as N/A.

errnojr
This is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed. If there is no errnojr, this field will display as N/A.

h_errno
This error code is no longer applicable and will always display as N/A.

System action: Processing continues.
Operator response: None.
System programmer response: None.

EZYTU35I Error messages will not be saved in /tmp/telnetdstderr, reason reason
Explanation: Messages written to stderr in the otelnetd process are usually stored in /tmp/telnetdstderr. These messages will be discarded for one of the following reasons:
1 /tmp/telnetdstderr could not be opened for append or created.
2 A system or library call failed while processing /tmp/telnetdstderr. See a prior EZYTU34I record for an explanation.
3 /tmp/telnetdstderr exists but is not a regular file. /tmp/telnetdstderr must be a regular file. Other types of files, such as symbolic links, cannot be used because of possible security exposures.
4 /tmp/telnetdstderr was re-created by another process while being opened and checked by this otelnetd process.
System action: Processing continues.
Operator response: None.
System programmer response: None.

EZYTU36I code userid local_IP local_port remote_IP remote_port client_hostname
Explanation: This trace record is written to the syslogd facility auth when the -D login or -D all parameter is specified on the otelnetd command line. It provides a one-line summary of login and logout activity.
code describes which activity is being recorded:
L The user successfully logged on to the system.
O The user logged off.
U The user provided a user ID which was incorrect.
P The user provided a password which was incorrect.
C The user did not successfully change the password.

userid is the user ID specified by the user when logging on.
local_IP is the destination IP address specified by the user when connecting to the telnet server.
local_port is the destination TCP port specified by the user when connecting to the telnet server.
remote_IP is the IP address of the host used by the client to connect to the telnet server.
remote_port is the TCP port assigned to the telnet client.
client_hostname is the DNS name of the host used by the client to connect to the telnet server, if that information is available. If not available, the client_hostname field in the trace record will contain a hyphen.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

---

**EZYTY01E**  **GETPTY: Out of ptys.**  **description rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. All of the /dev/ptypXXX are currently in use with other sessions or processes.

description describes the error.

errojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) of the [z/OS UNIX System Services Messages and Codes](z/OS UNIX System Services Messages and Codes), where the reason codes are listed.

**System action:** Processing ends.

**Operator response:** User has to wait until some /dev/ptypXXX are freed up for use.

**System programmer response:** Check to determine if there are any ghosts or zombies hanging around that can be released.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTY02I**  **GETPTY: open of /dev/ptyp**

**Explanation:** These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** protocol.h

**Procedure Name:** telnet()

---

**EZYTY03I**  **gotpty: ioctl TIOCSWINSIZ**

**Explanation:** These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** sys_term.h

**Procedure Name:** gotpty()

---

**EZYTY04E**  **GETPTY: open error on line description rsn = errnojr**

**Explanation:** This message is written to the client as well as the syslog file. A problem occurred trying to open the corresponding /dev/ttypXXX file.

description describes the error.

errojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) of the [z/OS UNIX System Services Messages and Codes](z/OS UNIX System Services Messages and Codes), where the reason codes are listed.
EZYTY05I • EZTY07E

System action:  Processing ends.
Operator response:  None.
System programmer response:  Correct the error indicated by description and errnojr.
  • Access is denied.
  • The process is busy.
  • The open was interrupted by a signal.
  • The system has reached the maximum number of file descriptors it can have open.
  • Permission to open is denied for one of the following reasons.
    – The user who opened the master tty is not the same user associated with the slave tty.
    – Internal security error.
    – Different path name was specified for the slave than earlier opens.
Module:  sys_term.h
Procedure Name:  gotpty()

EZYTY05I  GETPTY: slave fd = slavefd, masterfd = masterfd

Explanation:  These messages are only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  sys_term.h
Procedure Name:  gotpty()

EZYTY06E  gotpty: __tcsetattr description rsn = errnojr

Explanation:  This message is written to the client as well as the syslog file specified in /etc/inetd.conf. They correlate to the conditions of the writing for the pty.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Correct the error indicated by description and errnojr.
Module:  sys_term.h
Procedure Name:  gotpty()

EZYTY07E  gotpty: __tcsetcp description rsn = errnojr

Explanation:  This message is written to the client as well as the syslog file. Issued a tcsetcp to inform the tty of the code pages that we are using to translate ascii to EBCDIC and the reverse. The __tcsetcp failed.
description describes the error.
errnojr is the hexadecimal UNIX System Services reason code. The format of the 4-byte reason code is explained in the introduction to the reason codes (Errnojr) chapter of the z/OS UNIX System Services Messages and Codes, where the reason codes are listed.
System action:  Processing ends.
Operator response:  None.
**EZYTY08I • EZTYT10E**

**System programmer response:** Correct the error indicated by *description* and *errnojr*.

**Module:** sys_term.h

**Procedure Name:** gotpty()

---

**EZTY08I**  
argv_fsum(*argument_number*) = *argument_value*

**Explanation:** These are the parameters that are passed to the spawned process that creates the child. This message is issued once for each argument. A few of these variables are set by the server.

- argv_fsum(0) = argument name
- argv_fsum(4) = master file descriptor
- argv_fsum(5) = slave file descriptor
- argv_fsum(8) = Debug tracing variable
- argv_fsum(9) = Debug tracing variable
- argv_fsum(11) = terminal type

*argument_number* is the argument number. It will be in the range 0–16.

*argument_value* is the value assigned to that argument.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** login_tty()

---

**EZTY09I**  
login_tty: spawnp fsumocl child_pid

**Explanation:** The pid number associated with the fork() for FSUMOCLO for cleanup.

**System action:** Processing continues.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** login_tty()

---

**EZTY10E**  
login_tty: spawnp error child_pid description *rsn* = *errnojr*

**Explanation:** This message is written to the client as well as the syslog file. The pid number associated with the fork() for FSUMOCLO for cleanup.

*description* describes the error.

*errnojr* is the hexadecimal **UNIX System Services reason code**. The format of the 4-byte reason code is explained in the introduction to the [reason codes (Errnojrs) chapter](z/OS UNIX System Services Messages and Codes) of the [z/OS UNIX System Services Messages and Codes](z/OS UNIX System Services Messages and Codes), where the reason codes are listed.

**System action:** Processing ends.

**Operator response:** None.

**System programmer response:** None.

**Module:** telnetd.c

**Procedure Name:** login_tty()
EZYTY11I  GETPTY: stat of /dev/ptyp
Explanation:  This message is only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to
the conditions of the writing for the pty.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  sys_term.h
Procedure Name:  gotpty()

EZYTY12I  ioctl masterfd TIOCEXT
Explanation:  This message is only issued if -D report or -D netdata specified in /etc/inetd.conf. They correlate to
the conditions of the writing for the pty.
System action:  Processing continues.
Operator response:  None.
System programmer response:  None.
Module:  sys_term.h
Procedure Name:  tty_setlinemode()

EZYTY13E  login_tty failed.
Explanation:  This message is written to the client as well as the syslog file. The login_tty() routine was called which
sets up and spawns the tty. Errors were found during the processing and a return code of -1 was sent back to the
caller.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Check for further messages in the log to explain reason for the failure.
Module:  sys_term.h
Procedure Name:  gotpty()

EZYTY14E  tcgetattr() failed on master tty
Explanation:  A tcgetattr() was issued on the master tty, which is in fact an ioctl(). It returned with an unexpected
error.
System action:  Processing ends.
Operator response:  None.
System programmer response:  Correct the error indicated by description and errnojr.
Module:  sys_term.h
Procedure Name:  init_termbuf()
Chapter 12. EZYX*** messages

EZYXM01W The arrow direction is not correct.
Explanation: XmNarrowDirection resource in XmArrowButton widget class. XmNarrowDirection resource in XmArrowButtonGadget widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ArrowB.c, ArrowBG.c

EZYXM02W Incorrect resize policy.
Explanation: XmNresizePolicy resource in XmBulletinBoard widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: BulletinB.c

EZYXM03W Incorrect dialog style.
Explanation: XmNdialogStyle resource in XmBulletinBoard widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: BulletinB.c

EZYXM04W Incorrect shadow type.
Explanation: XmNshadowType resource in XmBulletinBoard widget class. XmNshadowType resource in XmDrawnButton widget class. XmNshadowType resource in XmFrame widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: BulletinB.c
EZYXM05W  •  EZYXM13W

EZYXM05W  Null font list (no vendor shell default).
Explanation:  XmNbuttonFontList resource, XmNlabelFontList resource, or XmNtextFontList resource in
XmBulletinBoard widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application
programming error.
Module:  Xm.a library.
Procedure Name:  BulletinB.c

EZYXM06W  Dialog style must be XmDIALOG_MODELESS
Explanation:  The Initialize function or the SetValues function detected that the bulletin board dialog style was not
set as XmDIALOG_MODELESS, when XmDIALOG_MODELESS is required.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application
programming error.
Module:  Xm.a library
Procedure Name:  BulletinB.c

EZYXM11W  XmCascadeButton must have correct type of XmRowColumnWidgetClass parent.
Explanation:  XmCascadeButton widget class. XmCascadeButtonGadget widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application
programming error.
Module:  Xm.a library.
Procedure Name:  CascadeBG.c

EZYXM12W  Only XmMENU_PULLDOWN XmRowColumnWidgets can be submenus.
Explanation:  XmCascadeButton widget class. XmCascadeButtonGadget widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application
programming error.
Module:  Xm.a library.
Procedure Name:  CascadeB.c, CascadeBG.c

EZYXM13W  MapDelay must be >= 0.
Explanation:  XmNmappingDelay resource in XmCascadeButton widget class. XmNmappingDelay resource in
XmCascadeButtonGadget widget class.
System action:  The application continues.
Operator response:  None.
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c, CascadeBG.c

---

**EZYXM14W** XmCascadeButtonGadget must have XmRowColumnWidgetClass parent with XmNrowColumnType XmMENU_PULLDOWN, XmMENU_POPUP, XmMENU_BAR or XmMENU_OPTION.

**Explanation:** XmCascadeButton widget class. XmCascadeButtonGadget widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c

---

**EZYXM15W** XtGrabPointer failed.

**Explanation:** XGrabPointer function. XtGrabPointer function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c, MenuUtil.c, TrackLoc.c

---

**EZYXM16W** XtGrabKeyboard failed.

**Explanation:** XGrabKeyboard function. XtGrabKeyboard function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuUtil.c, TextF.c, TextIn.c

---

**EZYXM17W** Only XmRowColumn widgets of type XmMENU_PULLDOWN can be submenus.

**Explanation:** The Initialize function or the SetValues function detected that a submenu in the processing Widget is not of type XmMENU_PULLDOWN. The submenu Widget is reset to NULL.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CascadeB.c, CascadeBG.c
EZYXM21W  •  EZYXM25W

EZYXM21W  The dialog type must be XmDIALOG_COMMAND.
Explanation:  XmCommand widget class. XmNdialogType resource in XmSelectionBox widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Command.c

EZYXM22W  Invalid child type. The Command widget does not have this child.
Explanation:  XmCommandGetChild function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Command.c

EZYXM23W  Invalid XmString, check for invalid charset.
Explanation:  XmCommandAppendValue function. XmCommandSetValue function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Command.c

EZYXM24W  NULL or empty string passed in to CommandAppendValue.
Explanation:  XmCommandAppendValue function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Command.c

EZYXM25W  XmNmustMatch is always False for a Command widget.
Explanation:  XmCommand widget class. XmNmustMatch resource in XmSelectionBox widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name: Command.c

EZYXM26W XmNhistoryMaxItems must be a positive integer greater than zero.
Explanation: The Initialize function or the SetValues function detected that the XmNhistoryMaxItems for the XmCommand Widget has a value less than zero. The XmNhistoryMaxItems is reset to the initialized value or 100.
System action: The application continues.
Operator response: Contact the system programmer.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Command.c

EZYXM31W Must call XmClipboardStartCopy() before XmClipboardCopy().
Explanation: XmClipboardCopy function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: CutPaste.c

EZYXM32W Must call XmClipboardStartCopy() before XmClipboardEndCopy().
Explanation: XmClipboardEndCopy function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: CutPaste.c

EZYXM33W Too many formats in XmClipboardCopy().
Explanation: XmClipboardCopy function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: CutPaste.c

EZYXM35W Incorrect data type.
Explanation: The ClipboardFindItem function detected that the data type passed to the Clipboard does not match the data type of the Clipboard Pointer.
System action: The application continues.
Operator response: Contact the system programmer.
**EZYXM36W • EZYXM37W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

**EZYXM36W  ClipboardCorrupt**

**Explanation:** One of the following functions detected a clipboard error, and called the ClipboardError routine with key CLIPBOARD_CORRUPT:
- ClipboardFindFormat
- ClipboardDeleteFormat
- ClipboardDeleteFormats
- ClipboardDeleteItemLabel
- ClipboardIsMarkedForDelete
- ClipboardMarkItem
- ClipboardDataIsReady
- XmClipboardEndCopy
- XmClipboardCopyByName
- XmClipboardUndoCopy
- ClipboardRetrieve

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c

---

**EZYXM37W  Internal error - corrupt data structure.**

**Explanation:** An internal application error was detected. One of the following functions detected that either the ClipboardDataItem or ClipboardFormatItem did not contain the required data structure:
- ClipboardFindFormat
- ClipboardDeleteFormat
- ClipboardDeleteFormats
- ClipboardDeleteItemLabel
- ClipboardIsMarkedForDelete
- ClipboardMarkItem
- ClipboardDataIsReady
- XmClipboardEndCopy
- XmClipboardCopyByName
- XmClipboardUndoCopy
- ClipboardRetrieve

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** CutPaste.c
EZYXM38W  Registered format length must be 8, 16, or 32
Explanation: XmClipboardRegisterFormat function detected that the format_length variable did not contain an allowed value.
System action: The application continues.
Operator response: Contact the system programmer.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: CutPaste.c

EZYXM39W  Registered format name must not be NULL.
Explanation: The XmClipboardRegisterFormat function detected that the format_name variable did not contain an allowed value.
System action: The application continues.
Operator response: Contact the system programmer.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: CutPaste.c

EZYXM41W  DialogShell widget only supports one rectObj child.
Explanation: XmDialogShell widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DialogS.c

EZYXM42W  gadgets aren't allowed in shell.
Explanation: XmDialogShell widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DialogS.c

EZYXM43W  DialogShell widget supports only one RectObj child
Explanation: The InsertChild function detected that the GetRectObjKid function failed because the input child is a CoreClass object, instead of the required RectObj object.
System action: The application continues.
Operator response: Contact the system programmer.
EZYXM51W - EZYXM62W

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DialogS.c

EZYXM51W  Margin width or height cannot be negative.
Explanation: XmDrawingArea widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DrawingA.c

EZYXM52W  Incorrect resize policy.
Explanation: XmNresizePolicy resource in XmDrawingArea widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DrawingA.c

EZYXM61W  Fraction base cannot be zero.
Explanation: XmForm widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Form.c

EZYXM62W  Incorrect form attachment type.
Explanation: XmForm widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Form.c
EZYXM63W  Cannot set constraints for non-resizable widget.
Explanation:  XmForm widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Form.c

EZYXM64W  Attachment widget must not be null.
Explanation:  XmForm widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Form.c

EZYXM65W  Circular dependency in Form children.
Explanation:  XmForm widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Form.c

EZYXM66W  Edge attached to a widget but no widget specified.
Explanation:  XmForm widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Form.c

EZYXM67W  Bail out of edge synchronization after 10,000 iterations. Check for contradictory constraints on the children of this form.
Explanation:  XmForm widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
EZYXM68W • EZYXM81W

Module: Xm.a library.
Procedure Name: Form.c

EZYXM68W Attachment widget must be have same parent as widget.

Explanation: XmForm widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: Form.c

EZYXM72W Only one child should be inserted in a frame.

Explanation: XmFrame widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: Frame.c

EZYXM73W Invalid margin width.

Explanation: XmFrame widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: Frame.c

EZYXM74W Invalid margin height.

Explanation: XmFrame widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: Frame.c

EZYXM81W Invalid highlight thickness.

Explanation: XmGadget widget class.
System action: The application continues.
Operator response: None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.

Module:  Xm.a library.

Procedure Name:  Gadget.c

EZYXM82W  The unit type is incorrect.

Explanation:  XmNunitType resource in XmGadget widget class. XmNunitType resource in XmManager widget class. XmNunitType resource in XmPrimitive widget class.

System action:  The application continues.

Operator response:  None.

System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.

Module:  Xm.a library.

Procedure Name:  Gadget.c

EZYXM83W  Invalid shadow thickness.

Explanation:  XmGadget widget class.

System action:  The application continues.

Operator response:  None.

System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.

Module:  Xm.a library.

Procedure Name:  Gadget.c

EZYXM84W  Cannot set pixmap resource to unspecified.

Explanation:  XmNtopShadowPixmap resource in XmPrimitive widget class. XmNbottomShadowPixmap resource in XmPrimitive widget class. XmNhlightShadowPixmap resource in XmPrimitive widget class.

System action:  The application continues.

Operator response:  None.

System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.

Module:  Xm.a library.

Procedure Name:  Gadget.c

EZYXM85W  Cannot change XmNLayoutDirection after initialization.

Explanation:  The SetValues function detected that the XmNLayoutDirection value was changed after initialization. The XmNLayoutDirection value is reset to the initialized value.

System action:  The application continues.

Operator response:  Contact the system programmer.

System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.

Module:  Xm.a library.

Procedure Name:  Gadget.c
EZYXM91W • EZYXM95W

EZYXM91W  Invalid XmNlabelType.
Explanation:  XmNlabelType resource in XmLabel widget class. XmNlabelType resource in XmLabelGadget widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Label.c

EZYXM92W  Invalid value in XmNalignment.
Explanation:  XmNalignment resource in XmLabel widget class. XmNalignment resource in XmLabelGadget widget class. XmNstringDirection resource in XmManager widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Label.c

EZYXM93W  Invalid value in XmNstringDirection.
Explanation:  XmNstringDirection resource in XmLabel widget class. XmNstringDirection resource in XmLabelGadget widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Label.c

EZYXM94W  Invalid XmNlabelString - must be a compound string.
Explanation:  XmNlabelString resource in XmLabel widget class. XmNlabelString resource in XmLabelGadget widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Label.c

EZYXM95W  Invalid XmNacceleratorText - must be a compound string.
Explanation:  XmNacceleratorText resource in XmLabel widget class. XmNacceleratorText resource in XmLabelGadget widget class.
System action:  The application continues.
<table>
<thead>
<tr>
<th>EZYXN00W</th>
<th>List must have at least one visible item.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>XmNvisibleItemCount resource in XmList widget class. When changed, XmNvisibleItemCount must be at least 1.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>The application continues.</td>
</tr>
<tr>
<td><strong>Operator response:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>System programmer response:</strong></td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EZYXN01W</th>
<th>Invalid Selection Policy.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>XmNselectionPolicy resource in XmList widget class.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>The application continues.</td>
</tr>
<tr>
<td><strong>Operator response:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>System programmer response:</strong></td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EZYXN02W</th>
<th>Invalid Size Policy.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>XmNlistSizePolicy resource in XmList widget class.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>The application continues.</td>
</tr>
<tr>
<td><strong>Operator response:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>System programmer response:</strong></td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EZYXN03W</th>
<th>Invalid ScrollBar Display Policy.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Explanation:</strong></td>
<td>XmNscrollBarDisplayPolicy resource in XmList widget class.</td>
</tr>
<tr>
<td><strong>System action:</strong></td>
<td>The application continues.</td>
</tr>
<tr>
<td><strong>Operator response:</strong></td>
<td>None.</td>
</tr>
<tr>
<td><strong>System programmer response:</strong></td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
</tr>
</tbody>
</table>

**Module:** Xm.a library.

**Procedure Name:** Label.c

**Module:** Xm.a library.

**Procedure Name:** List.c

**Chapter 12. EZYXxxx messages 473**
**EZYXN04W**  Invalid String Direction.

**Explanation:** XmNstringDirection resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN05W**  Cannot change size policy after initialization.

**Explanation:** XmNlistSizePolicy resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN06W**  Must set item count to non-negative value.

**Explanation:** XmNitemCount resource in XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN07W**  NULL font in SetValues ignored.

**Explanation:** XmList widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** List.c

---

**EZYXN08W**  Invalid item(s) to delete.

**Explanation:** XmNitemCount resource in XmList widget class. XmListDeleteItem function. XmListDeleteItems function. XmListDeletePos function. XmListDeleteItemsPos function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: List.c

EZYXN09W  No Horizontal Scrollbar to set.
Explanation: XmListSetHorizPos function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: List.c

EZYXN10W  Invalid Margin setting.
Explanation: XmList widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: List.c

EZYXN11W  Invalid Spacing Value.
Explanation: XmNlistSpacing resource in XmList widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: List.c

EZYXN12W  Cannot set items to NULL with non-zero item count.
Explanation: XmNitemCount resource in XmList widget class. XmNitems resource in XmList widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: List.c

EZYXN13W  Must set selected item count to non-negative value.
Explanation: XmNselectedItemCount resource in XmList widget class.
System action: The application continues.
Operator response: None.
**EZYXN14W • EZYXN17W**

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: List.c

---

**EZYXN14W** Cannot set selected items to NULL with non-zero item count.

Explanation: XmNselectedItemCount resource in XmList widget class. XmNselectedItems resource in XmList widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: List.c

---

**EZYXN15W** Cannot set top position less than 1.

Explanation: XmNtopItemPosition resource in XmList widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: List.c

---

**EZYXN16W** XmNitems and XmNitemCount mismatch!

Explanation: XmNitemCount resource in XmList widget class. XmNitems resource in XmList widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: List.c

---

**EZYXN17W** Cannot leave add mode in multiple selection.

Explanation: XmList widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: List.c
EZYXN18W  XmNselectedPositionCount must not be negative.

Explanation: The SetValues function detected that the XmNselectedPositionCount was either negative or zero, when a positive value was required.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: List.c

EZYXN19W  Cannot set XmNselectedPosition to NULL when XmNSelectedPositionCount is positive.

Explanation: The SetValues function detected an error with the XmNselectedPosition and XmNSelectedPositionCount. The selected position is set to NULL, but the position count contains a positive value.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error. error.

Module: Xm.a library.

Procedure Name: List.c

EZYXN21W  The Menu Bar cannot be changed to NULL.

Explanation: XmNmenuBar resource in XmMainWindow widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: MainW.c

EZYXN22W  The Command Window cannot be changed to NULL.

Explanation: XmNcommandWindow resource in XmMainWindow widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: MainW.c

EZYXN23W  Negative margin value ignored.

Explanation: XmMainWindow widget class.

System action: The application continues.

Operator response: None.
**EZYNX31W • EZYNX34W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MainW.c

---

**EZYNX31W** MenuShell widgets must have a xmRowColumnWidgetClass child.

**Explanation:** XmMenuShell widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYNX32W** Attempting to manage an incomplete menu.

**Explanation:** XmMenuShell widget class. XmCreatePopupMenu function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYNX33W** XmPopup requires a subclass of shellWidgetClass.

**Explanation:** The _XmPopupI function detected an error in XtIsShell. The passed Widget was of an incorrect class.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c

---

**EZYNX34W** XmPopdown requires a subclass of shellWidgetClass.

**Explanation:** The _XmPopdown function detected an error in XtIsShell. The passed Widget was of an incorrect class.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** MenuShell.c
EZYXN35W  XtMenuPopup requires exactly one argument.
Explanation:  The _XmMenuPopupAction function detected that the argument count was not one.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error. error.
Module:  Xm.a library.
Procedure Name:  MenuShell.c

EZYXN36W  XtMenuPopup only supports ButtonPress, KeyPress or EnterNotify events.
Explanation:  The _XmMenuPopupAction function detected that the XEvent did not match the allowed values of ButtonPress, KeyPress or EnterNotify. The modal grab will be Nonexclusive.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error. error.
Module:  Xm.a library.
Procedure Name:  MenuShell.c

EZYXN37W  Cannot find popup widget string in XtMenuPopup.
Explanation:  The _XmMenuPopupAction function detected a failure in the _XmFindPopup routine. The specified popup was not found.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error. error.
Module:  Xm.a library.
Procedure Name:  MenuShell.c

EZYXN38W  Cannot find popup widget string in XtMenuPopdown.
Explanation:  The _XmMenuPopdownAction function detected a failure in the _XmFindPopup routine. The specified popup was not found.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error. error.
Module:  Xm.a library.
Procedure Name:  MenuShell.c

EZYXN39W  XtMenuPopdown called with more than one argument.
Explanation:  The _XmMenuPopdownAction function detected that the number of arguments was more than one.
System action:  The application continues.
Operator response:  Contact the system programmer.
EZYXN40W • EzyXN43W

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.  

Module: Xm.a library.  

Procedure Name: MenuShell.c

---

EZYXN40W Cannot change XmNlayoutDirection after initialization.

Explanation: The SetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to the initialized value.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.  

Module: Xm.a library.  

Procedure Name: MenuShell.c

---

EZYXN41W Invalid Dialog Type.

Explanation: XmNdialogType resource in XmMessageBox widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.  

Module: Xm.a library.  

Procedure Name: MessageB.c

---

EZYXN42W Invalid Default Button Type.

Explanation: XmNdefaultButtonType resource in XmMessageBox widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.  

Module: Xm.a library.  

Procedure Name: MessageB.c

---

EZYXN43W Invalid Alignment Type.

Explanation: XmNmessageAlignment resource in XmMessageBox widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.  

Module: Xm.a library.  

Procedure Name: MessageB.c

---
EZYXN44W  Invalid Child Type.
Explanation:  XmMessageBoxGetChild function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  MessageB.c

EZYXN45W  PushButton Id cannot be changed directly.
Explanation:  XmMessageBox widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  MessageB.c

EZYXN46W  Use XmNdefaultButtonType to set MessageBox default button.
Explanation:  XmMessageBox widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  MessageB.c

EZYXN54W  Invalid minimum value, must be greater than zero.
Explanation:  XmNpaneMinimum resource in XmPanedWindow widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  PanedW.c

EZYXN55W  Invalid maximum value, must be greater than zero.
Explanation:  XmNpaneMaximum resource in XmPanedWindow widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
EZYXN56W  •  EZYXN61W

Procedure Name: PanedW.c

EZYXN56W  Invalid minimum/maximum value, minimum value must be smaller than the maximum value.
Explanation: XmNpaneMinimum resource in XmPanedWindow widget class. XmNpaneMaximum resource in XmPanedWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: PanedW.c

EZYXN57W  Constraints do not allow appropriate sizing.
Explanation: XmPanedWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: PanedW.c

EZYXN58W  Too few parameters.
Explanation: XmPanedWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: PanedW.c

EZYXN59W  Invalid 1st parameter.
Explanation: XmPanedWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: PanedW.c

EZYXN61W  fontList is not defined.
Explanation: XmPanedWindow widget class.
System action: The application continues.
Operator response: None.
**EZYXN71W** • **EZYXN81W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PanedW.c

---

**EZYXN71W**  Must be a vendor shell.

**Explanation:** XmAddProtocols function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Protocols.c

---

**EZYXN72W**  Protocol manager already exists.

**Explanation:** XmAddProtocols function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Protocols.c

---

**EZYXN73W**  More protocols than I can handle.

**Explanation:** XmAddProtocols function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Protocols.c

---

**EZYXN81W**  Not enough memory.

**Explanation:** There was not enough memory to perform the function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** PushB.c
<table>
<thead>
<tr>
<th>Message Code</th>
<th>Message Text</th>
<th>Explanation</th>
<th>System action</th>
<th>Operator response</th>
<th>System programmer response</th>
<th>Module</th>
<th>Procedure Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>EZYX01W</td>
<td>Attempt to set width to zero. Set to default value 16.</td>
<td>XmRowColumn widget class.</td>
<td>The application continues.</td>
<td>None.</td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
<td>Xm.a library.</td>
<td>RowColumn.c</td>
</tr>
<tr>
<td>EZYX02W</td>
<td>Attempt to set width to zero. The value is ignored.</td>
<td>XmRowColumn widget class.</td>
<td>The application continues.</td>
<td>None.</td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
<td>Xm.a library.</td>
<td>RowColumn.c</td>
</tr>
<tr>
<td>EZYX03W</td>
<td>Attempt to set height to zero. Set to default value 16.</td>
<td>XmRowColumn widget class.</td>
<td>The application continues.</td>
<td>None.</td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
<td>Xm.a library.</td>
<td>RowColumn.c</td>
</tr>
<tr>
<td>EZYX04W</td>
<td>Attempt to set height to zero. The value is ignored.</td>
<td>XmRowColumn widget class.</td>
<td>The application continues.</td>
<td>None.</td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
<td>Xm.a library.</td>
<td>RowColumn.c</td>
</tr>
<tr>
<td>EZYX05W</td>
<td>XmNhelpWidget not used by PopUps. It is set to NULL.</td>
<td>XmNmenuHelpWidget resource in XmRowColumn widget class.</td>
<td>The application continues.</td>
<td>None.</td>
<td>Use your X Window System/Motif documentation to correct this application programming error.</td>
<td>Xm.a library.</td>
<td>RowColumn.c</td>
</tr>
</tbody>
</table>
Procedure Name: RowColumn.c

EZYXO06W XmNhelpWidget not used by Pulldowns. It is set to NULL.
Explanation: XmNmenuHelpWidget resource in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO07W XmNhelpWidget not used by Option menus. It is set to NULL.
Explanation: XmNmenuHelpWidget resource in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO08W XmNhelpWidget not used by Work Areas. It is set to NULL.
Explanation: XmNmenuHelpWidget resource in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO09W Unknown value of XmNrowColumnType. It is set to WorkArea.
Explanation: XmNrowColumnType resource in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO10W Widget hierarchy not appropriate for this XmNrowColumnType. It is set to WorkArea.
Explanation: XmCreatePulldownMenu function.
System action: The application continues.
Operator response: None.
**EZYXO11W • EZYXO14W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO11W** Attempt to change XmNrowColumnType after initialization. The value is ignored.

**Explanation:** XmNrowColumnType resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO12W** Unknown value of XmNorientation. The default value is used.

**Explanation:** XmNorientation resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO13W** Attempt to set XmNorientation to unknown value. The value is ignored.

**Explanation:** XmNorientation resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c

---

**EZYXO14W** Unknown value of XmNpacking. The default value is used.

**Explanation:** XmNpacking resource in XmRowColumn widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** RowColumn.c
EZYXO15W  Attempt to set XmNpacking to unknown value. The value is ignored.
Explanation:  XmNpacking resource in XmRowColumn widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  RowColumn.c

EZYXO16W  Unknown value of XmNentryAlignment. The default value is used.
Explanation:  XmNentryAlignment resource in XmRowColumn widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  RowColumn.c

EZYXO17W  Attempt to set XmNentryAlignment to unknown value. The value is ignored.
Explanation:  XmNentryAlignment resource in XmRowColumn widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  RowColumn.c

EZYXO18W  Attempt to set XmNisHomogenous to FALSE for a RowColumn widget of type XmMENU_BAR. The value is ignored.
Explanation:  XmNisHomogeneous resource in XmRowColumn widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  RowColumn.c

EZYXO19W  Attempt to change XmNentryClass for a RowColumn widget of type XmMENU_BAR. The value is ignored.
Explanation:  XmNentryClass resource in XmRowColumn widget class.
System action:  The application continues.
Operator response:  None.
**EZYXO20W • EZYXO23W**

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: RowColumn.c

---

EZYXO20W  Attempt to change XmNwhichButton via XtSetValues for a RowColumn widget of type XmMENU_PULLDOWN. The value is ignored.

Explanation: XmNwhichButton resource in XmRowColumn widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: RowColumn.c

---

EZYXO21W  Attempt to change XmNmenuPost via XtSetValues for a RowColumn widget of type XmMENU_PULLDOWN. The value is ignored.

Explanation: XmNmenuPost resource in XmRowColumn widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: RowColumn.c

---

EZYXO22W  Attempt to set XmNpostMenu to an illegal value. The value is ignored.

Explanation: XmNmenuPost resource in XmRowColumn widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: RowColumn.c

---

EZYXO23W  Attempt to change XmNshadowThickness for a RowColumn widget not of type XmMENU_PULLDOWN or XmMENU_POPUP. The value is ignored.

Explanation: XmRowColumn widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: RowColumn.c
EZYXO24W  Attempt to change XmNorientation for a RowColumn widget of type XmMENU_OPTION. The value is ignored.
Explanation: XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO25W  Attempt to add wrong type child to a menu (i.e. RowColumn) widget
Explanation: XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO26W  Attempt to add wrong type child to a homogeneous RowColumn widget.
Explanation: XmNisHomogeneous resource in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO27W  Attempt to change XmNisHomogeneous for a RowColumn widget of type XmMENU_OPTION ignored.
Explanation: XmNisHomogeneous resource in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO28W  Tear off enabled on a shared menupane is allowed but not recommended.
Explanation: Tear-off Menus in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
EZYXO29W • EZYXO33W

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO29W Illegal mnemonic character. Could not convert X KEYSYM to a keycode.
Explanation: XmNmnemonic resource in XmRowColumn widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: RowColumn.c

EZYXO31W The scale minimum value is greater than or equal to the scale maximum value.
Explanation: XmNminimum resource in XmScale widget class. XmNmaximum resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Scale.c

EZYXO32W The specified scale value is less than the minimum scale value.
Explanation: XmNvalue resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Scale.c

EZYXO33W The specified scale value is greater than the maximum scale value.
Explanation: XmNvalue resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Scale.c
EZYXO34W Incorrect orientation.
Explanation: XmNorientation resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Scale.c

EZYXO35W Incorrect processing direction.
Explanation: XmNprocessingDirection resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Scale.c

EZYXO36W Invalid highlight thickness.
Explanation: XmNhightlightThickness resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Scale.c

EZYXO37W Invalid scaleMultiple; greater than (max - min).
Explanation: XmNsacleMultiple resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Scale.c

EZYXO38W Invalid scaleMultiple; less than zero.
Explanation: XmNsacleMultiple resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
EZYXO39W • EZYXO44W

Procedure Name: Scale.c

EZYXO39W (Maximum - minimum) cannot be greater than INT_MAX divided by 2. Minimum has been set to zero. Maximum may have been set to (INT_MAX/2).
Explanation: XmNmaximum resource in XmScale widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.

Procedure Name: Scale.c

EZYXO41W The scrollbar minimum value is greater than or equal to the scrollbar maximum value.
Explanation: XmNminimum resource in XmScrollBar widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.

Procedure Name: ScrollBar.c

EZYXO42W The specified slider size is less than 1.
Explanation: XmNincrement resource in XmScrollBar widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.

Procedure Name: ScrollBar.c

EZYXO43W The specified scrollbar value is less than the minimum scrollbar value.
Explanation: XmNvalue resource in XmScrollBar widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.

Procedure Name: ScrollBar.c

EZYXO44W The specified scrollbar value is greater than the maximum scrollbar value minus the scrollbar slider size.
Explanation: XmNvalue resource in XmScrollBar widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrollBar.c

EZYXO45W Incorrect orientation.

Explanation: XmNorientation resource in XmScrollBar widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrollBar.c

EZYXO46W Incorrect processing direction.

Explanation: XmNprocessingDirection resource in XmScrollBar widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrollBar.c

EZYXO47W The scrollbar increment is less than 1.

Explanation: XmNincrement resource in XmScrollBar widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrollBar.c

EZYXO48W The scrollbar page increment is less than 1.

Explanation: XmNpageIncrement resource in XmScrollBar widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrollBar.c
EZYXO49W  The scrollbar initial delay is less than 1.
Explanation:  XmN_initialDelay resource in XmScrollBar widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ScrollBar.c

EZYXO50W  The scrollbar repeat delay is less than 1.
Explanation:  XmN_repeatDelay resource in XmScrollBar widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ScrollBar.c

EZYXO51W  Error in context manager; scrollbar backgrounds cannot be set correctly
Explanation:  XmScrollBar widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ScrollBar.c

EZYXO52W  Error in context manager; scrollbar foregrounds cannot be set correctly.
Explanation:  XmScrollBar widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ScrollBar.c

EZYXO53W  Specified slider size is greater than the scrollbar maximum value minus the scrollbar minimum value.
Explanation:  XmN_sliderSize resource in XmScrollBar widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrollBar.c

EZYXO61W Invalid ScrollBar Display policy.
Explanation: XmNscrollBarDisplayPolicy resource in XmScrolledWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrollBar.c

EZYXO62W Invalid Scrolling Policy.
Explanation: XmNscrollingPolicy resource in XmScrolledWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrolledW.c

EZYXO63W Invalid Visual Policy.
Explanation: XmNvisualPolicy resource in XmScrolledWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrolledW.c

EZYXO64W Invalid placement policy.
Explanation: XmNscrollBarPlacement resource in XmScrolledWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrolledW.c

EZYXO66W Cannot change scrolling policy after initialization.
Explanation: XmNscrollingPolicy resource in XmScrolledWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrolledW.c

---

**EZYXO67W** Cannot change visual policy after initialization.

Explanation: XmNvisualPolicy resource in XmScrolledWindow widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrolledW.c

---

**EZYXO68W** Cannot set AS_NEEDED scrollbar policy with a visual policy of VARIABLE.

Explanation: XmNvisualPolicy resource in XmScrolledWindow widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrolledW.c

---

**EZYXO69W** Cannot change scrollbar widget in AUTOMATIC mode.

Explanation: XmNscrollingPolicy resource in XmScrolledWindow widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrolledW.c

---

**EZYXO70W** Cannot change clip window.

Explanation: XmNclipWindow resource in XmScrolledWindow widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ScrolledW.c
EZYXO71W Cannot set visual policy of CONSTANT in APPLICATION_DEFINED mode.
Explanation: XmNvisualPolicy resource in XmScrolledWindow widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrolledW.c

EZYXO72W Wrong parameters passed to the function.
Explanation: XmScrollVisible function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrolledW.c

EZYXO81W Incorrect dialog type.
Explanation: XmNdialogType resource in XmSelectionBox widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: SelectioB.c

EZYXO82W Dialog type cannot be modified.
Explanation: XmNdialogType resource in XmSelectionBox widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: SelectioB.c

EZYXO83W Only one work area child allowed.
Explanation: XmSelectionBox widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: SelectioB.c

EZYXO84W Invalid child type.
Explanation: XmSelectionBoxGetChild function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: SelectioB.c

EZYXO91W Invalid separator type.
Explanation: XmNseparatorType resource in XmSeparator widget class. XmNseparatorType resource in XmSeparatorGadget widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Separator.c

EZYXO92W Invalid orientation.
Explanation: XmNorientation resource in XmSeparator widget class. XmNorientation resource in XmSeparatorGadget widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Separator.c

EZYXP01W Invalid source, source ignored.
Explanation: XmNsource resource in XmText widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Text.c

EZYXP02W Invalid edit mode.
Explanation: XmNeditMode resource in XmText widget class.
System action: The application continues.
Operator response: None.
EZYXP03W  •  EZYXP06W

System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Text.c

EZYXP03W  Text widget is editable; traversalOn must be true.
Explanation:  XmNeditable resource in XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Text.c

EZYXP04W  Can't find position in MovePreviousLine().
Explanation:  XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  TextIn.c

EZYXP05W  Invalid rows, must be > 0.
Explanation:  XmNrows resource in XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  TextOut.c

EZYXP06W  XmFontListInitFontContext failed.
Explanation:  XmNfontList resource in XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  TextF.c, TextOut.c
EZYXP07W  XmFontListGetNextFont failed.
Explanation:  XmNfontList resource in XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  TextFc, TextOut.c

EZYXP08W  Character char is not supported in font. It is discarded.
Explanation:  XmNfontList resource in XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  TextFc

EZYXP09W  String string is not supported in font. It is discarded.
Explanation:  XmNfontList resource in XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  TextFc

EZYXP10W  Cannot use a multibyte locale without a fontset. The value is discarded.
Explanation:  XmNfontList resource in XmText widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  TextFc

EZYXP11W  Invalid cursor position, must be >= 0.
Explanation:  XmNcursorPosition resource in XmTextField widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
EZYXP12W Invalid columns, must be > 0.
Explanation: XmNcolumns resource in XmText widget class. XmNcolumns resource in XmTextField widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: TextF.c, TextOut.c

EZYXP13W XmNtraversalOn must always be true.
Explanation: XmTextField widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: TextF.c

EZYXP14W Invalid columns, must be >= 0.
Explanation: XmNcolumns resource in XmTextField widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: TextF.c

EZYXP21W Indicator type should be either XmONE_OF_MANY or XmN_OF_MANY.
Explanation: XmNindicatorType resource in XmToggleButton widget class. XmNindicatorType resource in XmToggleButtonGadget widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ToggleB.c

EZYXP31W Invalid value for navigation_type.
Explanation: XmNnavigationType resource in XmManager widget class.
System action: The application continues.
Operator response: None.
**EZYXP32W • EZYXP35W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

**EZYXP32W**  
**Wrong value in old for navigation_type!!**

**Explanation:** XmNnavigationType resource in XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

**EZYXP33W**  
**Traversal bootstrap situation with bad parameters.**

**Explanation:** XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

**EZYXP34W**  
**Attempt to traverse to new tab using bad parameters.**

**Explanation:** XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c

---

**EZYXP35W**  
**startWidget is not in child list.**

**Explanation:** XmManager widget class.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Traversal.c
EZYXP36W  Bad parameters to TraverseToChild.
Explanation:  XmManager widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Traversal.c

EZYXP41W  Invalid value for delete response.
Explanation:  XmNdeleteResponse resource in VendorShell widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  VendorS.c

EZYXP42W  Invalid XmNpreeditType, default to OverTheSpot.
Explanation:  XmNpreeditType resource in VendorShell widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  VendorS.c

EZYXP43W  Invalid value for XmNinputPolicy.
Explanation:  The VendorExtSetValues function detected an incorrect value for the XmVendorShellExtPartPtr input policy. The policy is required to be either XmPER_SHELL or XmPER_WIDGET.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  VendorS.c

EZYXP44W  XmNlayoutDirection cannot be changed.
Explanation:  The VendorExtSetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to the initialized value.
System action:  The application continues.
Operator response:  Contact the system programmer.
EZYXP45W • EZYXP48E

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: VendorS.c

---

EZYXP45W FetchUnitType: bad widget class.
Explanation: VendorShell widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: VendorSE.c

---

EZYXP46W String to no-op conversion needs no extra arguments.
Explanation: VendorShell widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: VendorSE.c

---

EZYXP47W FetchUnitType called without a widget to reference.
Explanation: VendorShell widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: VendorSE.c

---

EZYXP48E Fatal Error: _XmGetDefaultDisplay cannot be used prior to VendorS.Initialize, returns NULL.
Explanation: _XmDisplayHandle was not set before the _XmGetDefaultDisplay function was called. A NULL value is returned.
System action: The application continues.
Operator response: Contact the system programmer.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: VendorS.c
EZYXP51W Virtual bindings Initialize hasn't been called.
Explanation: XmVirtKeys widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: VirtKeys.c

EZYXP61W Invalid color requested from XmAccessColorData.
Explanation: XmGetColors function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Visual.c

EZYXP62W Cannot allocate colormap entry for background, setting background to white.
Explanation: XmNbackground resource in Core widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Visual.c

EZYXP63W Cannot parse given background color, setting background to white.
Explanation: XmNbackground resource in Core widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Visual.c

EZYXP71W The specified Input Method failed to init : string.
Explanation: XmNinputMethod resource in VendorShell widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
**EZYXP72W • EZYXP82W**

Procedure Name: XmIm.c

---

**EZYXP72W** Cannot create the Input Method Object.
**Explanation:** XmNinputMethod resource in VendorShell widget class.
**System action:** The application continues.
**Operator response:** None.
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.
**Module:** Xm.a library.
**Procedure Name:** XmIm.c

---

**EZYXP73W** XmIMFocus invoked with NULL widget.
**Explanation:** XmNinputMethod resource in VendorShell widget class.
**System action:** The application continues.
**Operator response:** None.
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.
**Module:** Xm.a library.
**Procedure Name:** XmIm.c

---

**EZYXP74W** XmIMMove invoked without the Input Method focus.
**Explanation:** XmImGetXIM function.
**System action:** The application continues.
**Operator response:** None.
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.
**Module:** Xm.a library.
**Procedure Name:** XmIm.c

---

**EZYXP81W** No context found for extension.
**Explanation:** When trying to map the extension to a context, no context was found.
**System action:** The application continues.
**Operator response:** None.
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.
**Module:** Xm.a library.
**Procedure Name:** BaseClass.c

---

**EZYXP82W** _XmPopWidgetExtData: no extension found with XFindContext.
**Explanation:** This is a debug message.
**System action:** The application continues.
**Operator response:** None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: BaseClass.c

---

EZYXP83W XmFreeWidgetExtData is an unsupported routine.
Explanation: This routine is no longer a supported interface.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: BaseClass.c

---

EZYXP84W getLabelSecResData: not enough memory.
Explanation: There was not enough memory to perform the requested function.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: BaseClass.c

---

EZYXP91W Creating multiple XmDisplays for the same X display. Only the first XmDisplay created for a particular X display can be referenced by calls to XmGetXmDisplay.

Explanation: XmDisplay widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Display.c

---

EZYXP92W Received TOP_LEVEL_LEAVE with no active DragContext.

Explanation: Function requested TOP_LEVEL_LEAVE but there was no DragContext found.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Display.c
EZYXP93W  Cannot set XmDisplay class to a non-subclass of XmDisplay.
Explanation:  XmDisplayClass widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  Display.c

EZYQ01W  The _MOTIF_DRAG_WINDOW has been destroyed.
Explanation:  The window is no longer a valid context.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DragBS.c

EZYQ02W  The protocol version levels do not match.
Explanation:  The level of the Motif server and client code drag protocol is not the same.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DragBS.c, DragICC.c

EZYQ03W  Unable to open display.
Explanation:  XmInternAtom function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DragBS.c

EZYQ04W  The atoms table is empty.
Explanation:  WriteAtomsTable function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name: DragBS.c

EZYXQ05W The target table is empty.
Explanation: WriteTargetsTable function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragBS.c

EZYXQ06W The target table has an inconsistent property.
Explanation: ReadTargetsTable function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragBS.c

EZYXQ07W Invalid target table index.
Explanation: ReadTargetsTable function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragBS.c

EZYXQ11W GenerateCallback does not expect XmCR_DROP_SITE_ENTR as a reason.
Explanation: GenerateClientCallback function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragC.c

EZYXQ12W Invalid selection in DropConvertCallback.
Explanation: DropConvertCallback function.
System action: The application continues.
Operator response: None.
EZYXQ13W • EZYXQ16W

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragC.c

EZYXQ13W  The drop selection was lost.
Explanation: DropLoseSelection function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragC.c

EZYXQ14W  XGrabPointer failed.
Explanation: Call to lower level function, XGrabPointer, was unsuccessful.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragC.c

EZYXQ15W  ExternalNotifyHandler: the callback reason is not acceptable.
Explanation: XmDragStart function. The drag message did not contain a defined reason code.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragC.c

EZYXQ16W  XmDragStart must be called as a result of a button press.
Explanation: XmDragStart function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragC.c
EZYXQ21W  Unknown drag and drop message type.
Explanation:  Message type received was not expected in this context.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DragICC.c

EZYXQ22W  The protocol version levels do not match.
Explanation:  The _XmGetDragReceiverInfo function detected that the xmDragReceiverInfoStruct protocol version did not match the _MOTIF_DRAG_PROTOCOL_VERSION.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DragICC.c

EZYXQ31W  No geometry specified for dragIcon pixmap.
Explanation:  XmDragIcon widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DragIcon.c

EZYXQ32W  dragIcon created with no pixmap.
Explanation:  XmNpixmap resource in XmDragIcon widget class.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DragIcon.c

EZYXQ33W  String to Bitmap converter needs Screen argument.
Explanation:  XmCvtStringToBitmap function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
EZYXQ41W • EZYXQ51W

Module: Xm.a library.
Procedure Name: DragIcon.c

EZYXQ41W  Depth mismatch.
Explanation: XmNblendModel resource in XmDragContext widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragOverS.c

EZYXQ42W  Unknown icon attachment.
Explanation: XmNattachment resource in XmDragIcon widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragOverS.c

EZYXQ43W  Unknown drag state.
Explanation: GetDragIconColors function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragOverS.c

EZYXQ44W  Unknown blendModel.
Explanation: XmNblendModel resource in XmDragContext widget class.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DragOverS.c

EZYXQ51W  Unable to get dropSite window geometry.
Explanation: CreateAnimationSaveData function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: DragUnder.c

EZYXQ52W Invalid animationPixmapDepth.

Explanation: XmNanimationPixmapDepth resource in XmDropSite registry.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: DragUnder.c

EZYXQ61W Cannot create drop sites which are children of a simple drop site.

Explanation: XmNdropSiteType resource in XmDropSite registry.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: DropSMgr.c

EZYXQ62W Receiving Motion Events without an active drag context.

Explanation: XmDragContext widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: DropSMgr.c

EZYXQ63W Receiving operation changed without an active drag context.

Explanation: XmDragContext widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: DropSMgr.c
EZYXQ64W  Creating an active drop site with no drop procedure.
Explanation:  XmDropSiteRegister function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DropSMgr.c

EZYXQ65W  Cannot set rectangles or rectangle numbers of composite drop sites.
Explanation:  XmNdropRectangles resource in XmDropSite registry.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DropSMgr.c

EZYXQ66W  Registering a widget as a drop site out of sequence. Ancestors must be registered before any of their descendants are registered.
Explanation:  XmDropSiteRegister function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DropSMgr.c

EZYXQ67W  Cannot register widget as a drop site more than once.
Explanation:  XmDropSiteRegister function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  DropSMgr.c

EZYXQ68W  DropSite type may only be set at creation time.
Explanation:  XmNdropSiteType resource in XmDropSite registry.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: DropSMgr.c

EZYXQ69W  Cannot change rectangles of non-simple dropsite.
Explanation: XmNdropRectangles resource in XmDropSite registry.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: DropSMgr.c

EZYXQ70W  Cannot register a drop site which is a descendent of a simple drop site.
Explanation: XmDropSiteRegister function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: DropSMgr.c

EZYXQ71W  Cannot create a discontiguous child list for a composite dropsite.
Explanation: XmDropSiteRegister function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: DropSMgrI.c

EZYXQ72W  string is not a dropsite child of string.
Explanation: XmDropSiteRegister function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: DropSMgrI.c

EZYXQ73W  Cannot register a Shell as a dropsite.
Explanation: The XmDropSiteRegister function detected an error while attempting to register a dropsite. The Widget to be registered is defined as a Shell.
System action: The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.  
Module:  Xm.a library.
Procedure Name:  DropSMgrI.c

EZYXQ81W  Failure of geometry request to "almost" reply.
Explanation:  The Intrinsics protocol guarantees a "Yes" response to a request with identical geometry to that which was returned by a previous request returning "almost".
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.  
Module:  Xm.a library.
Procedure Name:  GeoUtils.c

EZYXQ82W  Invalid order found in XmSelectionBox.
Explanation:  XmSelectionBox geometry.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.  
Module:  Xm.a library.
Procedure Name:  GeoUtils.c

EZYXQ91W  Memory error.
Explanation:  An attempt to allocate memory failed.
System action:  The application continues.
Operator response:  None.
System programmer response:  Increase the region size in which the program executes.  
Module:  Xm.a library.
Procedure Name:  Region.c

EZYXR01W  Illegal representation type id.
Explanation:  XmRepTypeValidValue function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.  
Module:  Xm.a library.
Procedure Name:  RepType.c
EZYXR02W  Illegal value number for rep type XmRxxx.
Explanation:  XmRepTypeValidValue function.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  RepType.c

EZYXR03W  Reverse Conversion of
Explanation:  This is a header message for XmRepTypeEntry conversions in the ReverseConvertRepType function, and will be output for most conversions.
System action:  The application continues.
Operator response:  Contact the system programmer.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  RepType.c

EZYXR11W  FetchUnitType: bad widget class.
Explanation:  FetchUnitType function. Widget is not gadget, manager, or primitive.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ResConvert.c

EZYXR12W  Cannot continue because of errors in a default font list.
Explanation:  GetNextFontListEntry function failed.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ResConvert.c

EZYXR13W  Missing colon in font string string; any remaining fonts in list unparsed.
Explanation:  The GetNextFontListEntry function detected that a font set in the font list was missing the colon delimiter. Any fonts remaining on the list are not parsed.
System action:  The application continues.
Operator response:  Contact the system programmer.
EZYXR14W • EZYXR17W

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResConvert.c

EZYXR14W  Invalid delimiter in tag string; any remaining fonts in list unparsed.

Explanation: The GetNextFontListEntry function detected that the delimiter between two font list items is not valid. Any fonts remaining in the list are not parsed.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResConvert.c

EZYXR15W  Unmatched quotation marks in tag string; any remaining fonts in list unparsed.

Explanation: The GetFontName function detected that the font list started with a quotation mark ("), but did not end with a quotation mark ("). Remaining fonts in the list are not parsed.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResConvert.c

EZYXR16W  Null tag found when converting to type string; any remaining fonts in list unparsed.

Explanation: The GetFontTag function found a NULL tag when expecting a real value. Remaining fonts in the list are not parsed.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResConvert.c

EZYXR17W  Cannot convert XmString to Compound Text.

Explanation: The XmCvtXmStringToCT function detected an error in the cvtXmStringToText function. The XmString could not be converted directly to a Compound String.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResEncod.c
EZYXR18W Insufficient memory for XmbTextListToTextProperty.

Explanation: The processCharsetAndText function detected that the XNoMemory flag was turned on during XmbTextListToTextProperty processing.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResEncod.c

EZYXR19W Locale not supported for XmbTextListToTextProperty.

Explanation: The processCharsetAndText function detected that the XLocaleNotSupported flag was turned on during XmbTextListToTextProperty processing.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResEncod.c

EZYXR20W XmbTextListToTextProperty failed.

Explanation: The processCharsetAndText function detected a failure in the XmbTextListToTextProperty function.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ResEncod.c

EZYXR21W Icon screen mismatch.

Explanation: XmScreen widget class.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Screen.c

EZYXR22W Cannot get XmScreen because XmDisplay was not found.

Explanation: XmGetXmScreen function.

System action: The application continues.

Operator response: None.
**EZYXR41W • EZYXR52W**

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Screen.c

---

**EZYXR41W** Could not allocate memory for color object data.

**Explanation:** An attempt to allocate memory failed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Increase the region size in which the program executes.

**Module:** Xm.a library.

**Procedure Name:** ColorObj.c

---

**EZYXR42W** Bad screen number from color server selection.

**Explanation:** GetSelection function.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ColorObj.c CDE Icon Gadget messages

---

**EZYXR51W** Cannot convert widget name to Widget.

**Explanation:** The StringToEntity function detected that an incorrect number of parameters was used.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ResConvert.c

---

**EZYXR52W** Cannot convert compound text to XmString.

**Explanation:** The XmCvtTextToXmString function detected an error while converting a compound text string to an XmString.

**System action:** The application continues.

**Operator response:** Contact the system programmer.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** ResEncod.c
EZYXR53W Cannot convert XmString to compound text.
Explanation: The XmCvtXmStringToText function detected an error while converting the XmString to an ASCII string.
System action: The application continues.
Operator response: Contact the system programmer.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ResEncod.c

EZYXR61W Applications cannot add children to XmComboBox widgets.
Explanation: The InsertChild function detected that the application attempted to add another child after the ComboBox had already made its children.
System action: The application continues.
Operator response: Contact the system programmer.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ComboBox.c

EZYXR62W XmNcomboBoxType resource cannot be changed by XtSetValues.
Explanation: The SetValues function detected that the ComboBox type was illegally changed after creation. The ComboBox type is reset to the original value.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ComboBox.c

EZYXR63W Internal widget has been destroyed. Behavior is undefined.
Explanation: The ListSelectionCB function or the DoLayout function detected that the Widget passed into the function is missing or not valid.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ComboBox.c

EZYXR64W Internal widget has been unmanaged. Behavior is undefined.
Explanation: The DoLayout function detected that either the List or EditBox XmComboBoxWidget is unmanaged.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error. error.

Module: Xm.a library.

Procedure Name: ComboBox.c

EZYXR65W  XmQUICK_NAVIGATE is only valid for ComboBoxes of XmNcomboBoxType XmDROP_DOWN_LIST.

Explanation: The Initialize function or the SetValues function detected that XmQUICK_NAVIGATE was not valid with XmNcomboBoxType XmDROP_DOWN_LIST. The XmNmatchBehavior is reset to its previous state.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error. error.

Module: Xm.a library.

Procedure Name: ComboBox.c

EZYXR66W  Action invoked with the wrong number of parameters.

Explanation: The CBListAction function detected that an incorrect number of parameters was used. The required number of parameters is one.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error. error.

Module: Xm.a library.

Procedure Name: ComboBox.c

EZYXR67W  Action routine called from a widget that is not a descendant of ComboBox.

Explanation: The FindComboBox call failed in one of the following functions because the passed Widget did not contain a ComboBox:

- CBArmAndDropDownList
- CBDisarm
- CBDropDownList
- CBFocusIn
- CBFocusOut
- CBTTextFocusOut
- CBActivate, CBCancel
- CBListAction

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error. error.

Module: Xm.a library.

Procedure Name: ComboBox.c
EZYXR68W  XmComboBoxSelectItem called with an item not present in the ComboBox.
Explanation:  The XmComboBoxSelectItem function detected that the selected item is not present in the ComboBox.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ComboBox.c

EZYXR69W  XmComboBoxSetItem called with an item present in the ComboBox.
Explanation:  The XmComboBoxSetItem function detected a failure in the XmListItemPos function due to an incorrect XmString value being passed into either XmComboBoxSetItem or XmListItemPos.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ComboBox.c

EZYXR70W  XmComboBoxDeletePos called with an invalid position.
Explanation:  The XmComboBoxDeletePos function detected one of the following:
  • The position to be deleted had a value lower than zero.
  • The position to be deleted was greater than the number of items in the list.
  • The number of list items was zero.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ComboBox.c

EZYXR71W  XmComboBox utility routine called with an invalid widget.
Explanation:  One of the following functions detected that passed Widget is not a ComboBox:
  • XmComboBoxAddItem
  • XmComboBoxDeletePos
  • XmComboBoxSelectItem
  • XmComboBoxSetItem
  • XmComboBoxUpdate
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xm.a library.
Procedure Name:  ComboBox.c
EZYXR72W  Applications may not set the automatic XmComboBox widget children.

Explanation: The Initialize function or the SetValues function detected that a change in either the list child or the editbox child occurred. The children are reset to NULL.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: ComboBox.c

EZYXR81W  Action invoked with the wrong number of parameters.

Explanation: One of the following functions was invoked with the wrong number of parameters:

- ContainerHandleBtn1Down
- ContainerHandleBtn1Motion
- ContainerHandleBtn1Up
- ContainerHandleBtn2Down
- ContainerHandleBtn2Motion

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Container.c

EZYXR82W  XmNdetailColumnHeading and XmNdetailColumnHeadingCount do not match!

Explanation: The Initialize function detected that the XmNdetailColumnHeading and XmNdetailColumnHeadingCount do not match.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Container.c

EZYXR91W  Widget class string has invalid CompositeClassExtension record.

Explanation: The FindCompClassExtension function detected that the current Widget has incorrect version and record_size values in the CompositeClassExtension record.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Manager.c
EZYXR92W Cannot change XmNlayoutDirection or XmNstringDirection after initialization.

Explanation: The SetValues function detected that either the XmNlayoutDirection or XmNstringDirection was changed after initialization. The incorrect value is reset to its initialized value.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Manager.c

EZYXS01W XmNnotebookChildType resource cannot be set by XtSetValues.

Explanation: The ConstraintSetValues function detected that the XmNnotebookChildType does not match the initialized value. The XmNnotebookChildType is reset to its original value.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Notebook.c

EZYXS11W Wrong number of parameters for CvtStringToIconPixmap.

Explanation: The CvtStringToIconPixmap function detected that an incorrect number of parameters was used.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: PixConv.c

EZYXS21W Cannot change XmNlayoutDirection after initialization.

Explanation: The SetValues function detected that the XmNlayoutDirection value was changed after initialization. The XmNlayoutDirection value is reset to its initialized value.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Primitive.c

EZYXS31W AssocNavigator requires a navigator trait.

Explanation: The _XmSFAddNavigator function detected that the XmNavigatorTrait value was set to NULL.

System action: The application continues.

Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.
Procedure Name: ScrollFrameT.c

EZYXS32W DeAssocNavigator requires a navigator trait.
Explanation: The XmSFRemoveNavigator function detected that the XmNavigatorTrait value was set to NULL.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: ScrollFrameT.c

EZYXS41W No items supplied for XmSTRING child.
Explanation: The ConstraintInitialize function or the ConstraintSetValues function detected that there were no items placed in the XmStringTable, but there were items passed to the function.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: SpinB.c

EZYXS42W XmNincrementValue cannot be 0. A value of 1 will be used.
Explanation: The ConstraintInitialize function or the ConstraintSetValues function detected an incorrect XmNincrementValue. XmNincrementValue is reset to one.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: SpinB.c

EZYXS43W Spin direction specified by XmNincrementValue has been reversed to match the specified XmNminimumValue and XmNmaximumValue.
Explanation: The ConstraintInitialize function or the ConstraintSetValues function detected that the Spin direction was incorrect. The spin direction was reversed.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: SpinB.c
**EZYXS44W**  XmNposition out of range. Minimum XmNposition used.

**Explanation:** The ValidatePositionValue function detected that XmNposition was lower than the minimum allowed value. XmNposition is reset to the minimum value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

**EZYXS45W**  XmNposition out of range. Maximum XmNposition used.

**Explanation:** The ValidatePositionValue function detected that XmNposition was greater than the maximum allowed value. XmNposition is reset to the maximum value.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

**EZYXS46W**  Invalid value for XmNpositionType. Using default value.

**Explanation:** The ConstraintInitialize or the ConstraintSetValues function detected that the XmNpositionType value is incorrect.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** SpinB.c

**EZYXS51W**  Calling SelectionCallbackWrapper when transfers should be finished

**Explanation:** The SelectionCallbackWrapper function was called when all outstanding transfers had completed.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xm.a library.

**Procedure Name:** Transfer.c

**EZYXS52W**  The format and type of the callback supplied data does not match the data being merged.

**Explanation:** The XmeConvertMerge function detected that the format and type of the callback supplied data does not match the format and type of the data to be merged.

**System action:** The application continues.

**Operator response:** None.
EZYXS53W • EZYXS56W

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Transfer.c

EZYXS53W The status in the XmConvertCallbackStruct is not XmCONVERT_MERGE.
Explanation: The XmeConvertMerge function detected that the XmCONVERT_MERGE was not set, but it is required.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Transfer.c

EZYXS54W XmCONVERT_MORE is not supported.
Explanation: The _XmConvertHandler function detected that XmCONVERT_MORE is being used, which is not supported by this release of the Motif specification. The flag is changed to XmCONVERT_DEFAULT.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Transfer.c

EZYXS55W Bad atom value found.
Explanation: The GetSafeAtomName function detected that XGetAtomName returned with either NULL or an incorrect atom name.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Transfer.c

EZYXS56W Warning: Attempt to start a MULTIPLE transfer when one is in progress.
Explanation: The XmTransferStartRequest function detected a MULTIPLE request while processing the current transfer.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xm.a library.
Procedure Name: Transfer.c
EZYXS57W Warning: Attempt to send a MULTIPLE transfer when one is not in progress.

Explanation: The XmTransferSendRequest function detected that the attempted MULTIPLE request is not allowed for this transfer.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: Transfer.c

EZYXS61W XtVaTypedArg conversion needs non-null widget handle.

Explanation: The Widget passed to the _XmTypedArgToArg function was NULL.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: VaSimple.c

EZYXS62W Unable to find type of resource for conversion.

Explanation: The _XmTypedArgToArg function detected that the passed resource type in the typed argument list did not match a known resource type.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: VaSimple.c

EZYXS63W Type conversion failed.

Explanation: The _XmTypedArgToArg function detected that the address of the receiving XrmValue variable was NULL. The XtConvert process failed.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: VaSimple.c

EZYXS71W Name: string Class: string

Explanation: Motif Generic Header message called within VendorS.c for use with applications from the previous release of Motif.

System action: The application continues.

Operator response: None.
EZYXS72W • EZYXS83W

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: VendorS.c

EZYXS72W  Action invoked with the wrong number of parameters.

Explanation: A function was called with one of the following:
• No arguments
• More than one argument
• An argument that was not valid

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: FileSB.c, Notebook.c, ScrollBar.c, SelectioB.c

EZYXS81W  XmNtag cannot be NULL. Setting to empty string.

Explanation: The ValidateTag function detected that the XmNtag was set to NULL.

System action: XmNtag is set to default and the application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmRenderT.c

EZYXS82W  Display is NULL. Cannot load font.

Explanation: The ValidateAndLoadFont function detected that there was no valid Display to which to load the font.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmRenderT.c

EZYXS83W  XmNfontType invalid. Cannot load font.

Explanation: The ValidateAndLoadFont function detected that the specified font or fontset is not a valid type.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmRenderT.c
EZYXS84W Conversion failed. Cannot load font.

Explanation: The ValidateAndLoadFont function detected that the font conversion failed because no callback was issued. The font did not load.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmRenderT.c

EZYXS85W XmNfontType set to XmAS_IS. Cannot load font.

Explanation: The ValidateAndLoadFont function detected that the fontType was set to XmAS_IS. The specified font is not loaded.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmRenderT.c

EZYXS86W XmNloadModel is XmLOAD_IMMEDIATE but XmNfont and XmNfontName not specified. Cannot load font.

Explanation: The ValidateAndLoadFont function detected that the font and font name were not specified. The font was not loaded.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmRenderT.c

EZYXS91W No font found.

Explanation: The OptLineMetrics function or the SpecifiedSegmentExtents function detected that a font was not specified.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmString.c
EZYXT01W  Tab value cannot be negative.

Explanation: The XmTabCreate function or the XmTabSetValue function detected that the _XmTabValue contained a negative value.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: XmTabList.c

EZYXT11W  XmNtextField resource cannot be set.

Explanation: The SetValues function detected that the current textfield Widget is not equal to the new textfield Widget, and cannot be set to the specified value.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: SSpinB.c

EZYXT12W  XmNpositionType resource can only be set at creation time.

Explanation: The SetValues function detected that the current position of XmPOSITION_{ARRAY,VALUE} does not equal the new position. The position cannot be changed.

System action: The application continues.

Operator response: Contact the system programmer.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: SSpinB.c

EZYXT13W  Item does not exist. XmNposition is unchanged.

Explanation: The XmSimpleSpinBoxSetItem function attempted to access an XmNposition value that is no longer present.

System action: The application continues.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xm.a library.

Procedure Name: SSpinB.c

EZYXU01W  The duplicate option string was ignored

Explanation: The same command line option has been repeated more than once.

System action: The compiler continues.

Operator response: Remove duplicate command line option.
System programmer response: None.
Module: UilCmd.c
Procedure Name: cmd_decode_command_line

EZYXU02W The unknown option string was ignored
Explanation: An unknown option has been used in the compiler command line.
System action: The compiler continues.
Operator response: Check what you typed on the command line.
System programmer response: None.
Module: UilCmd.c
Procedure Name: cmd_decode_command_line

EZYXU03E The additional UIL source file: string was ignored
Explanation: More than one source file was specified. Only the first source file will be compiled.
System action: The compiler continues.
Operator response: Compile additional source files using separate invocations or the compiler.
System programmer response: None.
Module: UilCmd.c
Procedure Name: cmd_decode_command_line

EZYXU04S An error occurred opening source file: string.
Explanation: The source file specified could not be opened.
System action: The compiler ends.
Operator response: Verify that the file exists and has the proper permissions. Invoke the compiler again.
System programmer response: None.
Module: UilDB.c, UilSrcSrc.c
Procedure Name: various

EZYXU05S An error occurred reading next line of source file: string.
Explanation: The source file specified could not be successfully read.
System action: The compiler ends.
Operator response: Verify that the file exists and has the proper permissions. Invoke the compiler again.
System programmer response: None.
Module: UilDB.c, UilSrcSrc.c
Procedure Name: various

EZYXU06S An internal error occurred in: string
Explanation: The compiler detected an internal error.
System action: The compiler ends.
Operator response: Submit a software problem report.
System programmer response: None.
Module: UilDiag.c
Procedure Name: diag_handler

EZYXU07E  The line was truncated at number characters
Explanation: The compiler encountered a source line greater than 132 characters. Characters beyond the 132 character limit were ignored.
System action: The compiler continues.
Operator response: Break each source line longer than 132 characters into several source lines. Long string literals can be created using the concatenation operator.
System programmer response: None.
Module: UilSrcSrc.c
Procedure Name: src_get_source_line

EZYXU08E  The value of string is out of range string.
Explanation: The value specified is outside the legal range for its type.
System action: The compiler continues.
Operator response: Change the UIL module source.
System programmer response: None.
Module: UilLexAna.c, UilSarMod.c, UilSemVal.c
Procedure Name: various

EZYXU09E  string1 not terminated string2
Explanation: A string was not properly terminated. String1 and string2 explain the defect.
System action: The compiler continues.
Operator response: Change the UIL module source to terminate the sequence properly.
System programmer response: None.
Module: UilLexAna.c
Procedure Name: various

EZYXU10E  The unprintable character char ignored
Explanation: The compiler encountered an illegal control character in the UIL specification file. The decimal value of the character is displayed.
System action: The compiler continues.
Operator response: Replace the character with the sequence specified in the message.
System programmer response: None.
Module: UilLexAna.c
Procedure Name: yylex

EZYXU11E  The unknown sequence string ignored
Explanation: The compiler detected a sequence of printable characters it did not understand. The compiler omitted the sequence of characters shown.
System action: The compiler continues.
Operator response: Fix the UIL module source.
System programmer response:  None.
Module:  UilLexAna.c
Procedure Name:  yylex

---

**EZYXU12E**  The unknown escape sequence `\char` - `\` ignored

**Explanation:**  A back slash was followed by an unknown escape character. The back slash is the escape character in UIL. A selected set of single characters can follow a back slash such as `\n` for new line. The character following the back slash was not one of the selected set.

**System action:**  The compiler continues.
**Operator response:**  Fix the UIL module source.
**System programmer response:**  None.
Module:  UilLexAna.c
Procedure Name:  yylex

---

**EZYXU13E**  The name exceeds number characters. It was truncated to: string

**Explanation:**  The UIL compiler encountered a name longer than 31 characters. The compiler truncated the name to the leftmost 31 characters.

**System action:**  The compiler continues.
**Operator response:**  Fix the UIL module source.
**System programmer response:**  None.
Module:  UilLexAna.c
Procedure Name:  yylex

---

**EZYXU14S**  The compiler ran out of virtual memory

**Explanation:**  The compiler ran out of virtual memory.

**System action:**  The compiler continues.
**Operator response:**  Reduce the size of your application or increase virtual memory.
**System programmer response:**  None.
Module:  UilMain.c
Procedure Name:  uil_mmove

---

**EZYXU15E**  An unexpected string token was seen. Parsing will resume after string.

**Explanation:**  At the point marked in the module, the compiler found a construct, such as a punctuation mark, name, or keyword, when it was expecting a different construct. The compiler continued analyzing the module at the next occurrence of the construct stated in the message.

**System action:**  The compiler continues.
**Operator response:**  Check the syntax of your UIL module at the point marked by the compiler. If the module specifies case-sensitive names, check that your keywords are in lowercase characters.
**System programmer response:**  None.
Module:  UilLexAna.c, UilLexPars.c
Procedure Name:  various
EZYXU16E • EZYXU20W

EZYXU16E  string string must be defined before this reference

Explanation:  The widget pointed to in the message was either never defined or not defined prior to this point in the module. The compiler requires to be defined before you see the widget at the next occurrence of the construct stated in the message.

System action:  The compiler continues.

Operator response:  Check for a misspelling of the name of the widget, a missing declaration for the widget, or declaring the widget after its first reference. If names in the module are case-sensitive, the spellings of the name in the declaration and in the reference must match exactly.

System programmer response:  None.
Module:  UilSarProc.c, UilSarVal.c
Procedure Name:  various

EZYXU17E  The context requires a string but string was specified

Explanation:  At the point marked in the specification, one type of object (such as a widget) is required and your specification supplied a different type of object (such as a value).

System action:  The compiler continues.

Operator response:  Check for misspelling. Also check to ensure that you have referred to the intended widget.

System programmer response:  None.
Module:  UilSarProc.c, UilSarVal.c
Procedure Name:  various

EZYXU18E  string is not implemented yet

Explanation:  You are using a feature of UIL that has not been implemented yet.

System action:  The compiler continues.

Operator response:  Try an alternate technique.

System programmer response:  None.
Module:  UilSarProc.c, UilSarVal.c
Procedure Name:  various

EZYXU19E  string value was found when string value was expected

Explanation:  The indicated value is not of the specific type required by UIL in this context.

System action:  The compiler continues.

Operator response:  Check the definition of the function or clause.

System programmer response:  None.
Module:  UilSarVal.c
Procedure Name:  various

EZYXU20W  The string string is not supported for the string object

Explanation:  Each widget or gadget supports a specific set of parameters, reasons, and children. The particular parameter, reason, or child you specified is not supported for this widget or gadget.

System action:  The compiler continues.

Operator response:  If a widget creation function accepts a parameter that UIL rejects, it does not necessarily mean that the UIL compiler is in error. Widget creation functions ignore parameters that they do not support without notifying you that the parameter is being ignored.
**EZYXU21I**  This *string string* supersedes a previous definition in this *string string*

**Explanation:** A parameter or call-back list has either a duplicate parameter or duplicate reason.

**System action:** The compiler continues.

**Operator response:** This is not necessarily an error. The compiler is alerting you to make sure that you intend to override the value of a prior parameter. This informational message can be suppressed using the -I option.

**System programmer response:** None.

**Module:** UilSemVal.c, UilSarMod.c

**Procedure Name:** various

---

**EZYXU22E**  The name *string* previously defined as *string*

**Explanation:** The name marked by the message was used in a previous declaration. UIL requires that the names of all widgets declared within a module be unique.

**System action:** The compiler continues.

**Operator response:** Check for a misspelling. If the module is case-sensitive, the spellings of names in declarations and in references must match exactly.

**System programmer response:** None.

**Module:** UilSarVal.c

**Procedure Name:** sem_dcl_name

---

**EZYXU23E**  The value used in this context must be private

**Explanation:** A private value is one that is not imported or exported. In the context marked by the message, only a private value is legal. Situations where this message is issued include defining one value in terms of another, and defining parameters in terms of functions. In general, a value must be private when the compiler must know the value at compilation time. Exported values are disallowed in this context, even though a value is present, because that value could be overridden at run time.

**System action:** The compiler continues.

**Operator response:** Change the value to private.

**System programmer response:** None.

**Module:** UilSarVal.c, UilSemVal.c

**Procedure Name:** sem_validate_procref_entry

---

**EZYXU24E**  The procedure *string* was previously declared with *number* arguments

**Explanation:** The declaration of the marked procedure specified a different number of parameters than are present in this procedure reference.

**System action:** The compiler continues.

**Operator response:** Check that you are calling the correct function. If you intend to call the procedure with a varying number of parameters, omit the argument list in the procedure declaration.

**System programmer response:** None.

**Module:** UilSemVal.c

**Procedure Name:** sem_validate_procref_entry
EZYXU25E  string value was found. The argument to procedure string must be string value

Explanation: The declaration of the marked procedure specified a different type of parameters than is present in this procedure reference.

System action: The compiler continues.

Operator response: Check that you are passing the correct parameter to the correct function. If you intend to call the procedure with varying parameter types, declare the procedure specifying 'any' as the type of the parameter.

System programmer response: None.

Module: various

Procedure Name: various

EZYXU26E  string string was found when string string was expected

Explanation: Most parameters take values of a specific type. The value specified is not correct for this procedure.

System action: The compiler continues.

Operator response: The message indicates the expected type of parameter. Check that you have specified the intended value and that you specified the correct parameter.

System programmer response: None.

Module: UilSarMod.c, UilSarObj.c

Procedure Name: various

EZYXU27E  string string was never defined

Explanation: Certain UIL objects, such as gadgets and widgets, can be referred to before they are defined. The marked widget is such an object, however the compiler never found the widget declaration.

System action: The compiler continues.

Operator response: Check for misspelling. If the module is case-sensitive, the spellings of names in declarations and in references must match exactly.

System programmer response: None.

Module: UilP2Reslv.c

Procedure Name: sem_resolve_forward_ref

EZYXU28E  string string was already specified

Explanation: A widget or gadget declaration can have, at most, one argument list, one call-back list, and one controls list.

System action: The compiler continues.

Operator response: If you want to specify multiple lists of arguments, controls and call-backs, you can do so within one list. For example: arguments (argument_list1; argument_list2);

System programmer response: None.

Module: UilSarObj.c

Procedure Name: sar_save_feature

EZYXU29E  string item is not allowed in string string

Explanation: The indicated list item is not of the type required by the list. Argument lists must contain argument entries, call-back lists must contain call-back entries, control lists must contain control entries and procedure lists must contain procedure entries.

System action: The compiler continues.
Operator response: Check the syntax for the type of list entry that is required in this context and change the indicated list item.

System programmer response: None.
Module: UilSarObj.c, UilSemVal.c
Procedure Name: various

EZYXU30S  The compilation was terminated. Fix the previous errors
Explanation: Errors encountered during the compilation have caused the compiler to stop processing.
System action: The compiler ends.
Operator response: Fix the errors already diagnosed by the compiler and re-compile.
System programmer response: None.
Module: UilDiags.c
Procedure Name: diag_issue_diagnostic

EZYXU31S  An internal error occurred. Submit a defect report.
Explanation: The compiler diagnosed an internal error.
System action: The compiler ends.
Operator response: Get a listing and identify where the error is being issued. Try to correct any faulty syntax in this area. If you are unable to prevent this error, submit a software problem report.
System programmer response: None.
Module: UilDiags.c
Procedure Name: diag_issue_diagnostic

EZYXU33E  string was missing following "string" option
Explanation: You used a command line option that requires a parameter and you did not provide that parameter.
System action: The compiler continues.
Operator response: Omit the option or provide the parameter.
System programmer response: None.
Module: UilCmd.c
Procedure Name: cmd_decode_command_line

EZYXU34S  An error occurred opening the listing file: filename
Explanation: The compiler could not create the listing file noted in the message.
System action: The compiler ends.
Operator response: Check that you have write access to the directory you specified to hold the listing file.
System programmer response: None.
Module: UilLstLst.c
Procedure Name: lst_open_listing
EZYXU35S  An error occurred writing to the listing file: filename
Explanation: The compiler could not write a line into the listing file noted in the message.
System action: The compiler ends.
Operator response: Check to see that there is adequate space in the disk specified to hold the listing file.
System programmer response: None.
Module: UilLstLst.c
Procedure Name: lst_output_line

EZYXU36E  An invalid module structure was detected. Check the UIL module syntax
Explanation: The structure of the UIL module is incorrect.
System action: The compiler continues.
Operator response: If there are any syntax errors reported, correct them and re-compile.
System programmer response: None.
Module: UilMain.c
Procedure Name: common_main

EZYXU37S  Too many source files are open: number
Explanation: The compiler has a fixed limit for the number of source and include files that it can process. This number is reported in the message.
System action: The compiler ends.
Operator response: Use fewer include files.
System programmer response: None.
Module: UilSrcSrc.c
Procedure Name: src_open_file

EZYXU39I  errors: number warnings: number informationals: number
Explanation: This message lists a summary of the diagnostic data issued by the compiler and is displayed only when diagnostic data has been issued.
System action: The compiler continues.
Operator response: Correct the problems reported. You can use the -I option to suppress informational and warning diagnostic data that you have determined to be harmless.
System programmer response: None.
Module: UilDiags.c
Procedure Name: diag_issue_summary

EZYXU40S  An error occurred opening the UID file: filename
Explanation: The compiler could not create the UID file noted in the message. A UID file holds the compiled user-interface specification.
System action: The compiler ends.
Operator response: Check that you have write access to the directory you specified to hold the UID file.
System programmer response: None.
Module: UilP2Out.c
Procedure Name: sem_output_uid_file

EZYXU41I No UID file was produced

Explanation: If the compiler reported recoverable or nonrecoverable errors, no UID file is produced. The message informs you that the compiler did not produce a UID file.

System action: The compiler continues.

Operator response: Fix the problems reported by the compiler.

System programmer response: None.

Module: UilP2Out.c

Procedure Name: sem_output_uid_file

EZYXU42E The creation procedure is not supported by the string widget

Explanation: You specified a creation procedure for a toolkit widget. You can specify a creation procedure only for a user-defined widget.

System action: The compiler continues.

Operator response: Remove the procedure clause following the widget type.

System programmer response: None.

Module: various

Procedure Name: various

EZYXU43E The creation procedure is not allowed in a string widget reference

Explanation: You specified a creation procedure when referencing a widget. You can specify a creation procedure only when you declare the widget.

System action: The compiler continues.

Operator response: Remove the procedure clause following the object type.

System programmer response: None.

Module: UilSarObj.c

Procedure Name: sar_verify_object

EZYXU44E The creation procedure is required in a string widget declaration

Explanation: When defining a user-defined widget, you must specify the name of the creation function for creating an instance of this widget.

System action: The compiler continues.

Operator response: Insert a procedure clause following the widget type in the widget declaration. You also need to declare the creation procedure using a procedure declaration.

System programmer response: None.

Module: UilSarObj.c

Procedure Name: sar_verify_object

EZYXU45W A NULL character in a string is not supported

Explanation: You have created a string that has an embedded null character. Strings are represented in a UID file and in many toolkit data structures as null-terminated strings. So, although the embedded nulls will be placed in the UID file, toolkit functions might interpret an imbedded null as the terminator for the string.

System action: The compiler continues.
EZYXU46E • EZYXU49W

Operator response: Be careful when using embedded nulls.
System programmer response: None.
Module: UilLexAna.c
Procedure Name: yyparse

---

EZYXU46E  Widget string is part of a circular definition
Explanation: The indicated object is referenced as a descendant of itself, either within its own definition or within the definition of one of the widgets in the widget tree that the object controls.
System action: The compiler continues.
Operator response: Change the definition of the indicated widget so that it is not a descendant of itself.
System programmer response: None.
Module: UilSemVal.c
Procedure Name: sem_validate_callback_entry

---

EZYXU47S  No source file was specified
Explanation: No source file was specified to compile.
System action: The compiler ends.
Operator response: Specify the name of a UIL specification file to compile.
System programmer response: None.
Module: UilCmd.c
Procedure Name: cmd_decode_command_line

---

EZYXU48W  string string supports only a single string string
Explanation: You have specified a particular clause more than once in a context where that clause can only occur once. For example, the version clause in the module can only occur once.
System action: The compiler continues.
Operator response: Choose the correct clause and delete the others.
System programmer response: None.
Module: UilSarMod.c
Procedure Name: various

---

EZYXU49W  string widget supports only a single control
Explanation: The specified widget might only have one entry in its controls list.
System action: The compiler continues.
Operator response: Change the control list to have only one entry.
System programmer response: None.
Module: UilP2Out.c
Procedure Name: out_emit_widget
EZYXU51E  Place the names clause before other module clauses

Explanation:  The case-sensitive clause, if specified, must be the first clause following the name of the module. You have inserted another module clause before this clause.

System action:  The compiler continues.

Operator response:  Reorder the module clauses so that the case-sensitivity clause is first.

System programmer response:  None.

Module:  UilSarMod.c

Procedure Name:  sar_process_module_sensitivity

EZYXU52E  The color letter string must be a single character

Explanation:  The string associated with each color in a color table must hold exactly one character. You have specified a string with either fewer or more characters.

System action:  The compiler continues.

Operator response:  Use a single character to represent each color in a color table.

System programmer response:  None.

Module:  UilSarVal.c

Procedure Name:  sar_make_color_item

EZYXU53E  The color letter was used for prior color in this table

Explanation:  Each of the letters used to represent a color in a color table must be unique. If not, that letter in an icon would represent more than one color. The letter marked has been assigned to more than one color.

System action:  The compiler continues.

Operator response:  Use a single character to represent each color in a color table.

System programmer response:  None.

Module:  UilSarVal.c

Procedure Name:  sar_make_color_item

EZYXU54E  Row number must have same width as row 1

Explanation:  The icons supported by UIL are rectangular. As a result, each of the strings used to represent a row of pixels in an icon must have the same length. The specified row does not have the same length as the first row.

System action:  The compiler continues.

Operator response:  Use a single character to represent each color in a color table.

System programmer response:  None.

Module:  UilSarVal.c

Procedure Name:  sar_make_icon

EZYXU55E  row number, column number: letter letter is not in the color table

Explanation:  You have specified a color to be used in an icon that is not in the color table for that icon. The invalid color is identified in the message by displaying the letter used to represent it.

System action:  The compiler continues.

Operator response:  Either add the color to the color table for that icon, or use a character representing a color in the color table.

System programmer response:  None.
EZYXU56E  There are too many string in string. The limit is number

Explanation: You exceeded a compiler limit such as the number of fonts in a font table or the number of strings in translation table. The message indicates the limit imposed by the compiler.

System action: The compiler continues.

Operator response: Restructure your UIL module.

System programmer response: None.

Module: UilCmd.c, UilSarVal.c

Procedure Name: various

EZYXU58W  The string gadget is not supported. The string widget will be used instead

Explanation: The indicated widget type does not support a gadget variant, only a widget variant is supported for this widget type. The UIL compiler ignores the gadget indication and creates widgets of this widget type.

System action: The compiler continues.

Operator response: Restructure your UIL module.

System programmer response: None.

Module: UilSarMod.c, UilSarObj.c

Procedure Name: various

EZYXU59E  The string type is not valid for string

Explanation: The indicated operand is not of a type that is supported by this operator.

System action: The compiler continues.

Operator response: Check the definition of the operator and make sure the type of the operand you specify is supported by the operator.

System programmer response: None.

Module: UilSemVal.c

Procedure Name: validate_arg

EZYXU61W  The string constraint is not supported for the string string

Explanation: You have specified a constraint that does not exist or is not appropriate for the constrained object.

System action: The compiler continues.

Operator response: Check for spelling errors. Check that the constraint is appropriate.

System programmer response: None.

Module: UilSemVal.c

Procedure Name: sem_validate_constraint_entry

EZYXU62W  Too many string options were detected, the limit is number

Explanation: You have specified more directories (using command line options) than the UIL compiler can process.

System action: The compiler continues.

Operator response: Reduce the number of directories specified by command line options.

System programmer response: None.
Module: UilCmd.c
Procedure Name: cmd_decode_command_line

EZYXU63W  An error occurred while closing the source file: filename
Explanation: The UIL compiler was not able to properly close a source file.
System action: The compiler continues.
Operator response: Check the permissions of the file and its parent directory.
System programmer response: None.
Module: UilSrcSrc.c
Procedure Name: Uil_src_cleanup_source

EZYXU64E  The string value is circularly defined
Explanation: You attempted to declare a value using an expression that contains the value you are declaring.
System action: The compiler continues.
Operator response: Remove the circular reference from the value expression.
System programmer response: None.
Module: UilSemVal.c
Procedure Name: various

EZYXU65W  The string built-in name was overridden
Explanation: You have declared the meaning of a nonreserved keyword again. This is permitted, but generates a warning. You will not be able to use the UIL-supplied function for the keyword after it is overridden.
System action: The compiler continues.
Operator response: Make sure that you intended to override the built-in keyword. Also make sure that you no longer need the UIL-supplied function for that keyword.
System programmer response: None.
Module: UilSemVal.c
Procedure Name: sem_dcl_name

EZYXU66W  The string argument does not support enumerated values
Explanation: You used the displayed argument along with a type that the argument does not support.
System action: The compiler continues.
Operator response: Correct the argument function. Use only supported types for the argument.
System programmer response: None.
Module: UilSemVal.c
Procedure Name: sem_validate_argument_enumset

EZYXU67W  The string argument does not support the string enumerated value
Explanation: You used the displayed argument along with an inappropriate value. Review the allowed values for the resources supported by the widget.
System action: The compiler continues.
Operator response: Correct the argument function. Use only supported values for the argument.
System programmer response: None.
EZYXU68E  The environment variable, $LANG, contains an unknown character set

Explanation: The $LANG environment variable contains an unknown character set. The UIL compiler does not have a default definition for the character set, and you have not supplied a definition using the CHARACTER_SET function.

System action: The compiler continues.

Operator response: Make sure the character set is spelled correctly. If it is a user-defined character set, make sure you have defined it within a CHARACTER_SET function.

System programmer response: None.

Module: UilSemVal.c
Procedure Name: sem_validate_argument_enumset

EZYXU69E  The string object’s controls hierarchy contains a reference to itself

Explanation: You have referred to a widget within its own controls list. Widgets cannot act as their own controlled descendants.

System action: The compiler continues.

Operator response: Remove the circular reference from the widget controls list.

System programmer response: None.

Module: UilLexAna.c
Procedure Name: lex_initialize_analyzer

EZYXU70S  The value string is too large for context buffer

Explanation: The UIL compiler was unable to allocate an internal buffer while attempting to parse the specified value.

System action: The compiler ends.

Operator response: If possible, reduce the complexity of the value expression.

System programmer response: None.

Module: UilP2Out.c
Procedure Name: out_emit_value

EZYXU71S  Forward referencing is not allowed for string

Explanation: You have referenced an object before defining it.

System action: The compiler ends.

Operator response: Restructure the module so the object is defined before being referenced.

System programmer response: None.

Module: UilSarMod.c
Procedure Name: sar_process_module_version
**EZYXU72E**  
*String type cannot be converted to string type*

**Explanation:** You have defined an expression containing two types of operands that cannot be converted into one another (for example, integer and Pixmap) or that require an explicit conversion function (for example, Boolean and Floating Point).

**System action:** The compiler continues

**Operator response:** Make sure that the expression is correct and that the required conversion functions are used.

**System programmer response:** None.

**Module:** UilSemVal.c  
**Procedure Name:** various

---

**EZYXU73E**  
*String is invalid*

**Explanation:** You defined an argument function using an argument that UIL does not allow.

**System action:** The compiler continues

**Operator response:** Make sure the argument function is correct.

**System programmer response:** None.

**Module:** UilSemVal.c  
**Procedure Name:** various

---

**EZYXU74S**  
*An error occurred while reading the binary database*

**Explanation:** The binary database file could not be successfully read.

**System action:** The compiler ends

**Operator response:** Verify that the file exists and has the proper permissions. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c  
**Procedure Name:** various

---

**EZYXU75S**  
*The binary database was compiled with a future version*

**Explanation:** The binary database was compiled by a UIL version later than the compiler version being used.

**System action:** The compiler ends

**Operator response:** Use a binary database compiled with the current UIL compiler. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c  
**Procedure Name:** db_incorporate

---

**EZYXU76S**  
*An error occurred while opening the database file: filename*

**Explanation:** The binary database file could not be opened.

**System action:** The compiler ends

**Operator response:** Verify that the file exists and has the proper permissions. Invoke the compiler again.

**System programmer response:** None.

**Module:** UilDB.c  
**Procedure Name:** db_open_file
EZYXU77S • EZYXU82E

EZYXU77S  An error occurred while writing to the UID file: filename
Explanation: The compiler could not write a line into the UID file noted in the message.
System action: The compiler ends
Operator response: Check to see that there is adequate space in the disk specified to hold the UID file.
System programmer response: None.
Module: UilP2Out.c
Procedure Name: various

EZYXU79S  Invalid include file name
Explanation: The value_entry structure is defined as a type other than char_8, when char_8 is required.
System action: The compiler ends
Operator response: Ensure usage of the correct structure type.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: UilSarInc.c
Procedure Name: sar_include_file()

EZYXU80W  Incompatible unit types for arithmetic operation
Explanation: While performing an arithmetic operation with multiple arguments, the compiler found that the arguments were of incompatible types. For example, the compiler was expecting to perform an AND operation on two integer variables, and found that one variable was a floating point.
System action: The compiler ends
Operator response: Verify that the UID file has Integer and FloatingPoint Values in the correct order or place.
System programmer response: None.
Module: UilSemVal.c
Procedure Name: sem_evaluate_value_expr()

EZYXU81I  string used as charset name; string used as charset component
Explanation: During NAME to CHARSET_NAME conversion, the specified charset could not be resolved. The default charset was used.
System action: None.
Operator response: If the default charset is not acceptable, verify that the correct charset is accessible and correctly labeled.
System programmer response: None.
Module: UilSarComp.c
Procedure Name: sar_make_fallback_charset()

EZYXU82E  string string already specified for this string string
Explanation: A widget or gadget declaration can have no more than one argument list, one call-back list, and one control list.
System action: The compiler continues.
Operator response: If you want to specify multiple lists of arguments, controls and call-backs, you can do so within one list. For example: arguments (argument_list1; argument_list2).
**EZYXU99E • EZYW03E**

**System programmer response:** None.

**Module:** UilSarObj.c

**Procedure Name:** sar_save_feature()

**EZYXU99E**  
string1 string2 string3

**Explanation:** The Mrm function, string1, has detected an error. string2 describes the error. string3 states the status returned by the Mrm function.

**System action:** None.

**Operator response:** None.

**System programmer response:** Based on the error description, review the application code and the UIL module. Verify that the correct UID module is being accessed. In most cases, this is an application programming error. If the error description states that this is an internal error, submit a software problem report.

**Module:** Mrmerror.c

**Procedure Name:** Urm__UT_Error

**EZYWX01E**  
Xlib: connection to string refused to server

**Explanation:** The server identified by string has refused the connection.

**System action:** The application is ended.

**Operator response:** Issue the xhost command at the server to add the host address.

**System programmer response:** None.

**Module:** OpenDis.c

**Procedure Name:** XOpenDisplay

**EZYWX02E**  
Xlib: client uses different protocol version (number) than server (number)!

**Explanation:** There is a mismatch between the version of the X Window System protocol used by the client library and that used by the server (string2)

**System action:** The application is ended.

**Operator response:** Use a server which is compatible with the client library.

**System programmer response:** None.

**Module:** OpenDis.c

**Procedure Name:** XOpenDisplay

**EZYWX03E**  
Error parsing argument "string1" (string2); string3

**Explanation:** The Resource Manager has been passed an invalid argument. String1 is the option name; string2 is the value supplied; string3 is an explanatory comment.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** ParseCmd.c

**Procedure Name:** _XReportParseError
EZYXW04E  X connection to string broken (explicit kill or server shutdown).

Explanation:  The server has been shut down or the client window has been destroyed. This message might be generated when a window is closed by the user and the application does not recognize what has happened.
System action:  The application is ended.
Operator response:  None.
System programmer response:  None.
Module:  XlibInt.c
Procedure Name:  _XDefaultIOError

EZYXW05E  XIO: fatal IO error number1 (string1) on X Server "string2" after number2 requests (number3 known processed) with number4 events remaining.

Explanation:  The connection to the server has been broken. The reported error is number1 with a descriptive string string1. String2 identifies the server being used.
System action:  The application is ended.
Operator response:  Try to restart the application.
System programmer response:  None.
Module:  XlibInt.c
Procedure Name:  _XDefaultIOError

EZYXW06E  Xlib: extension "string1" string2 on display "string2".

Explanation:  An error has been detected by an X Window System extension. String1 is the name of the extension; string2 is a description of the error; String3 is the address of the server.
System action:  The application is ended.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  extutil.c
Procedure Name:  _default_exterror

EZYXW07W  Warning: Current locale is not supported by Xlib

Explanation:  The current locale is not supported by Xlib. The server code set is set to ISO8859-1.
System action:  The application continues.
Operator response:  None.
System programmer response:  None.
Module:  Conv.c
Procedure Name:  init_iconv

EZYXW08W  Warning: Unable to convert from string1 to string2.

Explanation:  Conversion tables do not exist for converting from code set string1 to code set string2. The default conversions are used.
System action:  The application continues.
Operator response:  None.
System programmer response:  None.
Module: Conv.c  
Procedure Name: init_iconv

---

**EZYX09I**  Unable to open message catalog: X11R6.cat  
**Explanation:** The message catalog for X Window System messages could not be opened.  
**System action:** The application continues.  
**Operator response:** Verify that the NLSPATH environment variable is set to the correct value.  
**System programmer response:** None.

---

**EZYX10E**  X Error of failed request: string Major op code of failed request: number string (additional lines depending on X Error) Serial number of failed request: number Current serial number in output stream: number  
**Explanation:** This message is displayed by the default Xlib error handler. An X Window System protocol error has been detected. The type of error detected is described by string. The failed request Major op code is displayed as a number and as a descriptive string. This is followed by one or more of the following lines, depending on the type of error: ResourceID in failed request: hexadecimal number AtomID in failed request: hexadecimal number value in failed request: hexadecimal number Minor code of failed request: number. These lines are followed by the serial number of the failed request and the current serial number.  
**System action:** The application is ended.  
**Operator response:** None.  
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

---

**EZYX11E**  XtlibError: string1 string2 string3 string4  
**Explanation:** An Xtlib function has detected an error. String1 is the name of the function reporting the error, string2 is the error type, string3 is the error class, and string4 is a descriptive string.  
**System action:** The application is ended.  
**Operator response:** None.  
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

---

**EZYX12W**  XtlibWarning: string1 string2 string3 string4  
**Explanation:** An Xtlib function has detected a recoverable error. String1 is the name of the function reporting the error, string2 is the error type, string3 is the error class, and string4 is a descriptive string.  
**System action:** The application continues.  
**Operator response:** None.  
**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.
EZYXW13W • EZYXW17W

Procedure Name: XtWarningMsgCat

EZYXW13W Xtlib: locale not supported by C library, locale unchanged.
Explanation: An attempt was made to set the current locale to a value not supported by the C library.
System action: The application continues.
Operator response: None.
System programmer response: None.
Module: Initialize.c
Procedure Name: _XtDefaultLanguageProc

EZYXW14W Xtlib: locale not supported by Xlib, locale set to C
Explanation: An attempt was made to set the current locale to a value not supported by Xlib.
System action: The application continues.
Operator response: None.
System programmer response: None.
Module: Initialize.c
Procedure Name: _XtDefaultLanguageProc

EZYXW15W Xtlib: X Locale modifiers not supported, using default
Explanation: The locale modifiers could not be set.
System action: The application continues.
Operator response: None.
System programmer response: None.
Module: Initialize.c
Procedure Name: _XtDefaultLanguageProc

EZYXW16W XtVaTypedArg is not valid in XtVaSetSubvalues()
Explanation: XtVaSetSubvalues has been called with typed arguments.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: VarCreate.c
Procedure Name: XtVaSetSubvalues

EZYXW17W XtVaTypedArg is an invalid argument to XtVaGetSubvalues()
Explanation: XtGetSubvalues has been called with typed arguments.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: VarGet.c
**Procedure Name**: XtVaGetSubvalues

**EZYXW18W** String to BackingStore conversion needs no extra arguments

**Explanation**: The string to backing store conversion has been called with an extra argument.

**System action**: The application continues.

**Operator response**: None.

**System programmer response**: Use your X Window System/Motif documentation to correct this application programming error.

**Module**: Xmu/StrToBS.c

**Procedure Name**: XmCvtStringToBackingStore

---

**Procedure Name**: XmCvtStringToBackingStore

**EZYXW19W** Xawlib: Too many parameters passed to highlight action table.

**Explanation**: Extra parameters were passed in a call to Highlight().

**System action**: The application continues.

**Operator response**: None.

**System programmer response**: Use your X Window System/Motif documentation to correct this application programming error.

**Module**: Xaw/Command.c

**Procedure Name**: Highlight

---

**Procedure Name**: ChangeSize

**EZYXW20W** List Widget: Unknown geometry return.

**Explanation**: A call to ChangeSize contained an unknown geometry request.

**System action**: The application continues.

**Operator response**: None.

**System programmer response**: Use your X Window System/Motif documentation to correct this application programming error.

**Module**: Xaw/List.c

**Procedure Name**: ChangeSize

---

**Procedure Name**: Resize

**EZYXW21W** List Widget: Size changed when it shouldn’t have when resizing.

**Explanation**: An attempt was made to resize the List widget inappropriately.

**System action**: The application continues.

**Operator response**: None.

**System programmer response**: Use your X Window System/Motif documentation to correct this application programming error.

**Module**: Xaw/List.c

**Procedure Name**: Resize

---

**Procedure Name**: MenuButton

**EZYXW22E** MenuButton: Could not find menu widget named string.

**Explanation**: An incorrect name was passed for a menu widget.

**System action**: The application continues.

**Operator response**: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: MenuButton.c
Procedure Name: PopupMenu

EZYXW23W MultiSrc: The XtNuseStringInPlace resources may not be changed.
Explanation: An attempt was made to change the XtNuseStringInPlace resource.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/MultiSrc.c
Procedure Name: SetValues

EZYXW24E string1: unable to allocate number bytes for widget name
Explanation: Unable to allocate the required number of bytes for a widget name. String1 is the name of the routine allocating the storage.
System action: The application is ended.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xmu/WidgetNode.c
Procedure Name: XmuWnInitializeNodes

EZYXW25E String1: unable to calloc number1 number2 byte widget node ptrs
Explanation: Unable to allocate number1 number2 byte areas of storage for use as widget node pointers.
System action: The application is ended.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xmu/WidgetNode.c
Procedure Name: XmuWnFetchResources

EZYXW26W XawTextWidget: An attempt was made to insert an illegal selection.
Explanation: An attempt was made to insert an illegal selection into an Xaw Text widget.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: TextAction.c
Procedure Name: StartAction
EZYXW27W  Xaw MultiSrc Object: possible memory leak in FreeAllPieces().
Explanation:    A possible memory leak has been detected in FreeAllPieces().
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  MultiSrc.c
Procedure Name:  FreeAllPieces

EZYXW28E  Paned GripAction(); 1st parameter invalid.
Explanation:  The first parameter passed to HandleGrip is invalid.
System action:  The application is ended.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/Paned.c
Procedure Name:  HandleGrip

EZYXW29W  Scrollbar Widget: Could not get geometry of thumb pixmap.
Explanation:  The scrollbar widget could not get the geometry of the thumb pixmap.
System action:  The application is ended.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/Scrollbar.c
Procedure Name:  CreateGC

EZYXW30W  string Widget: The Simple Widget class method ‘change_sensitive’ must be defined or inherited.
Explanation:  The widget named string does not have the Simple Widget class method ‘change_sensitive’ defined or inherited.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/Simple.c
Procedure Name:  ClassPartInitialize

EZYXW31E  Paned GripAction has been passed incorrect parameters.
Explanation:  HandleGrip has been passed incorrect parameters.
System action:  The application is ended.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.

Chapter 12. EZYXxxxx messages  555
**EZYXW32E • EZYXW35W**

Module: Xaw/Paned.c
Procedure Name: HandleGrip

**EZYXW32E**  Unknown event type in GetEventEntry().
Explanation: An unknown event type has been detected.
System action: The application is ended.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: SimpleMenu.c
Procedure Name: GetEventEntry

**EZYXW33W**  No Dynamic class change of the SimpleMenu Label.
Explanation: An attempt was made to change the class of the SimpleMenu label.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xaw/SimpleMenu.c
Procedure Name: GetValues

**EZYXW34W**  Xaw - SimpleMenuWidget: position menu action expects only one parameter which is the name of the menu.
Explanation: There should be only one parameter passed to PositionMenuAction.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xaw/SimpleMenu.c
Procedure Name: PositionMenuAction

**EZYXW35W**  Xaw - SimpleMenuWidget: could not find menu named: string
Explanation: The menu widget named string could not be found.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xaw/SimpleMenu.c
Procedure Name: PositionMenuAction
EZYXW36W  Xaw Simple Menu Widget: label string is NULL or label already exists; no label is being created.
Explanation:  The label string is NULL or the label already exists for a SimpleMenu widget.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/SimpleMenu.c
Procedure Name:  CreateLabel

EZYXW37W  Xaw Simple Menu Widget: Could not find location of mouse pointer.
Explanation:  The position of the mouse pointer could not be determined.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/SimpleMenu.c
Procedure Name:  PositionMenu

EZYXW38E  Xaw SmeSB Object: Could not get Left Bitmap geometry information for menu entry "string".
Explanation:  The Left Bitmap geometry information for the menu entry named string could not be obtained.
System action:  The application continues.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/SmeSB.c
Procedure Name:  GetBitmapInfo

EZYXW39E  Xaw SmeSB Object: Left Bitmap of entry "string" is not one bit deep.
Explanation:  The bitmap specified for entry string is not one bit deep.
System action:  The application is ended.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/SmeSB.c
Procedure Name:  GetBitmapInfo

EZYXW40E  Xaw SmeSB Object: Could not get Right Bitmap geometry information for menu entry "string".
Explanation:  The Right Bitmap geometry information for the menu entry named string could not be obtained.
System action:  The application is ended.
Operator response:  None.
System programmer response:  Use your X Window System/Motif documentation to correct this application programming error.
Module:  Xaw/SmeSB.c
Procedure Name: GetBitmapInfo

**EZYXW41E**  Xaw SmeBSB Object: Right Bitmap of entry "string" is not one bit deep.

**Explanations:** The bitmap specified for entry string is not one bit deep.

**System action:** The application is ended.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/SmeBSB.c

**Procedure Name:** GetBitmapInfo

---

**EZYXW42W**  Xaw Text Widget string: Vertical scrolling not allowed with height resize. Vertical scrolling has been DEACTIVATED.

**Explanations:** An attempt was made to specify vertical scrolling with height resizing for Text widget string.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

**Procedure Name:** Initialize

---

**EZYXW43W**  Xaw Text Widget string: Horizontal scrolling not allowed with wrapping active. Horizontal scrolling has been DEACTIVATED.

**Explanations:** An attempt was made to specify horizontal scrolling when wrapping was active for Text widget string.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

**Procedure Name:** Initialize

---

**EZYXW44W**  Xaw Text Widget string: Horizontal scrolling not allowed with width resize. Horizontal scrolling has been DEACTIVATED.

**Explanations:** An attempt was made to specify horizontal scrolling and width resize for Text widget string.

**System action:** The application continues.

**Operator response:** None.

**System programmer response:** Use your X Window System/Motif documentation to correct this application programming error.

**Module:** Xaw/Text.c

**Procedure Name:** Initialize
EZYXW45W Xaw Text Widget: empty selection array.
Explanation: The selection array passed to DoSelection is empty.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/Text.c
Procedure Name: DoSelection

EZYXW46E Xaw Text Widget: multiply() takes exactly one argument.
Explanation: An incorrect number or arguments was passed to multiply().
System action: The application is ended.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/TextAction.c
Procedure Name: Multiply

EZYXW47E Xaw Text Widget: multiply() argument must be a number greater than zero, or ‘Reset’.
Explanation: The argument to multiply must be a number greater than zero, or Reset.
System action: The application is ended.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/TextAction.c
Procedure Name: Multiply

EZYXW48W string This action must have only one or two parameters.
Explanation: The action, string, must have only one or two parameters.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/TextPop.c
Procedure Name: _XawTextSearch

EZYXW49W string The first parameter must be either backward or forward.
Explanation: The first parameter for the Search routine of the Text Widget is not either ‘backward’ or ‘forward’.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/TextPop.c
Procedure Name: Search

EZYXW50E  EZYXW50W  Toggle Widget Error - Attempting to create a new toggle group when one already exists.
Explanation: An attempt was made to create a new toggle group when one already exists.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/Toggle.c
Procedure Name: CreateRadioGroup

EZYXW51E  EZYXW51E  Aborting, due to errors resolving bindings in the Toggle widget.
Explanation: There is an error in the Toggle widget's action table.
System action: The application is ended.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/Toggle.c
Procedure Name: ClassInit

EZYXW52W  we can not open any input method
Explanation: Xaw is unable to open any input method.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/Xawlm.c
Procedure Name: OpenIM

EZYXW53W  Xaw: input method doesn't support any style
Explanation: The current input method does not support any style.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.
Module: Xaw/Xawlm.c
Procedure Name: OpenIM

EZYXW54W  Xaw: input method doesn’t support my input style.
Explanation: The input method being opened does not specify any supported style.
System action: The application continues.
Operator response: None.
System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xaw/Xawlm.c

Procedure Name: OpenIM

**EZYXW55E** XSMP error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by:) BadValue Offset = number BadValue Length = number BadValue = number

Explanation: The session manager client routines have detected an error. The Offending minor code is displayed as a number and an explanatory string. The Error class and severity are displayed as strings. If the Error class is BadValue, the offset, length, and the bad value are displayed.

System action: The application is ended.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: SM/sm_error.c

Procedure Name: _SmcDefaultErrorHandler

**EZYXW56E** ICE error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by one or more of the following:) BadValue Offset = string BadValue Length = string BadValue = string Major opcode : number Reason : string Protocol name : string

Explanation: ICE has detected an error. Information about the error is displayed.

System action: The application is ended.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: ICE/error.c

Procedure Name: _IceDefaultErrorHandler

**EZYXW57E** X Error: string

Explanation: An X Protocol error has been detected. String displays a description of the error.

System action: The application is ended.

Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xmu/DefErrMsg.c

Procedure Name: XmuPrintDefaultErrorMessage

**EZYXW58W** XSMP error: Offending minor code = number (string) Offending sequence number = number Error class = string Severity = string (may be followed by:) BadValue Offset = number BadValue Length = number BadValue = number

Explanation: The session manager server routines have detected an error. The Offending minor code is displayed as a number and an explanatory string. The Error class and severity are displayed as strings. If the Error class is BadValue, the offset, length, and the bad value are displayed.

System action: The application continues.
Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: SM/sm_error.c

Procedure Name: _SmcDefaultErrorHandler

---

EZYXW59W  Xaw Text widget string: empty copy queue.
Explanation: An attempt was made to copy with an empty copy queue.
System action: The application continues.
Operator response: None.

System programmer response: Use your X Window System/Motif documentation to correct this application programming error.

Module: Xaw/Text.c

Procedure Name: PopCopyQueue

---

EZYXW60I  Xlib: resource ID allocation space exhausted!
Explanation: The X Window System resource ID space has been exhausted.
System action: The application continues.
Operator response: None.

System programmer response: None.

Module: XlibInt.c

Procedure Name: _XAllocID

---

EZYXW61I  Xlib: sequence lost (number > number) in reply type number!
Explanation: A sequence number has been received which is less than the last received sequence number.
System action: The application continues.
Operator response: Data might have been lost, consider restarting the application.

System programmer response: None.

Module: XlibInt.c

Procedure Name: _XSetLastRequestRead

---

EZYXW62I  Xlib: unexpected async reply (sequence number)!
Explanation: An asynchronous reply has been received when None. was expected.
System action: The application continues.
Operator response: Data might have been lost, consider restarting the application.

System programmer response: None.

Module: XlibInt.c

Procedure Name: _XAsyncReply
EZYXW6el  Xlib: unexpected connection setup reply from server, type 'nbr'.

Explanation: An unexpected reply has been received the server. This could be an unexpected authenticate reply.

System action: The application is ended.

Operator response: Verify that you are meeting the authentication requirements of the server you are connecting to. Try again.

System programmer response: None.

Module: OpenDis.c

Procedure Name: XOpenDisplay

---

EZYXW63E  Could not initialize the PEX extension on the specified display.

Explanation: The PEX server on the display could not be properly initialized.

System action: The application is ended.

Operator response: Verify that the PEX extension is active for the server.

System programmer response: None.

Module: PEX5/pl_startup.c

Procedure Name: PEXInitialize

---

EZYXW64E  Could not allocate memory for PEXlib internal usage.

Explanation: PEXlib could not allocate memory.

System action: The application is ended.

Operator response: Increase virtual memory size.

System programmer response: None.

Module: PEX5/pl_startup.c

Procedure Name: PEXInitialize

---

EZYXW65E  Implicit call to PEXGetEnumTypeInfo by PEXInitialize failed.

Explanation: PEXlib could not initialize properly.

System action: The application is ended.

Operator response: Verify that the PEX extension is active for the server.

System programmer response: None.

Module: PEX5/pl_startup.c

Procedure Name: PEXInitialize

---

EZYXW66E  No floating point formats supported by server.

Explanation: The PEX server extension does not support any floating point formats supported by the client.

System action: The application is ended.

Operator response: Use a server which supports the required floating point format.

System programmer response: None.

Module: PEX5/pl_startup.c

Procedure Name: PEXInitialize
Could not get PEX extension information.

Explanation: Information about the PEX server extension could not be obtained.

System action: The application is ended.

Operator response: Verify that the PEX server extension is active.

System programmer response: None.

Module: PEX5/pl_startup.c

Procedure Name: PEXInitialize

Client speaks PEX num.num; Server speaks PEX num.num

Explanation: Attempting to use incompatible PEX client and server.

System action: The application is ended.

Operator response: Verify that the correct PEX server extension is active.

System programmer response: None.

Module: PEX5/pl_startup.c

Procedure Name: PEXInitialize

Opcode of failed output command: number. Number of output commands processed: number.

Explanation: Displays the PEX opcode which failed.

System action: N/A

Operator response: None.

System programmer response: Correct the application and try again.

Module: PEX5/pl_startup.c

Procedure Name: _PEXPrintOCError
Appendix A. Related protocol specifications

This appendix lists the related protocol specifications (RFCs) for TCP/IP. The Internet Protocol suite is still evolving through requests for comments (RFC). New protocols are being designed and implemented by researchers and are brought to the attention of the Internet community in the form of RFCs. Some of these protocols are so useful that they become recommended protocols. That is, all future implementations for TCP/IP are recommended to implement these particular functions or protocols. These become the *de facto* standards, on which the TCP/IP protocol suite is built.

You can request RFCs through electronic mail, from the automated Network Information Center (NIC) mail server, by sending a message to service@nic.ddn.mil with a subject line of RFC nnnn for text versions or a subject line of RFC nnnn.PS for PostScript versions. To request a copy of the RFC index, send a message with a subject line of RFC INDEX.

For more information, contact nic@nic.ddn.mil or at:

Government Systems, Inc.
Attn: Network Information Center
14200 Park Meadow Drive
Suite 200
Chantilly, VA  22021

Hard copies of all RFCs are available from the NIC, either individually or by subscription. Online copies are available at the following Web address:


See "Internet drafts" on page 580 for draft RFCs implemented in this and previous Communications Server releases.

Many features of TCP/IP Services are based on the following RFCs:

<table>
<thead>
<tr>
<th>RFC</th>
<th>Title and Author</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFC 652</td>
<td>Telnet output carriage-return disposition option D. Crocker</td>
</tr>
<tr>
<td>RFC 653</td>
<td>Telnet output horizontal tabstops option D. Crocker</td>
</tr>
<tr>
<td>RFC 654</td>
<td>Telnet output horizontal tab disposition option D. Crocker</td>
</tr>
<tr>
<td>RFC 655</td>
<td>Telnet output formfeed disposition option D. Crocker</td>
</tr>
<tr>
<td>RFC 657</td>
<td>Telnet output vertical tab disposition option D. Crocker</td>
</tr>
<tr>
<td>RFC 658</td>
<td>Telnet output linefeed disposition D. Crocker</td>
</tr>
<tr>
<td>RFC 698</td>
<td>Telnet extended ASCII option T. Mock</td>
</tr>
<tr>
<td>RFC 726</td>
<td>Remote Controlled Transmission and Echoing Telnet option J. Postel, D. Crocker</td>
</tr>
<tr>
<td>RFC 727</td>
<td>Telnet logout option M.R. Crispin</td>
</tr>
<tr>
<td>RFC 732</td>
<td>Telnet Data Entry Terminal option J.D. Day</td>
</tr>
<tr>
<td>RFC 733</td>
<td>Standard for the format of ARPA network text messages D. Crocker, J. Vittal, K.T. Pogran, D.A. Henderson</td>
</tr>
</tbody>
</table>

© Copyright IBM Corp. 1994, 2009
| RFC 734 | SUPDUP Protocol | M.R. Crispin |
| RFC 735 | Revised Telnet byte macro option | D. Crocker, R.H. Gumpertz |
| RFC 736 | Telnet SUPDUP option | M.R. Crispin |
| RFC 749 | Telnet SUPDUP—Output option | B. Greenberg |
| RFC 765 | File Transfer Protocol specification | J. Postel |
| RFC 768 | User Datagram Protocol | J. Postel |
| RFC 779 | Telnet send-location option | E. Killian |
| RFC 783 | TFTP Protocol (revision 2) | K.R. Sollins |
| RFC 791 | Internet Protocol | J. Postel |
| RFC 792 | Internet Control Message Protocol | J. Postel |
| RFC 793 | Transmission Control Protocol | J. Postel |
| RFC 820 | Assigned numbers | J. Postel |
| RFC 821 | Simple Mail Transfer Protocol | J. Postel |
| RFC 822 | Standard for the format of ARPA Internet text messages | D. Crocker |
| RFC 823 | DARPA Internet gateway | R. Hinden, A. Sheltzer |
| RFC 826 | Ethernet Address Resolution Protocol; Or converting network protocol addresses to 48.bit Ethernet address for transmission on Ethernet hardware | D. Plummer |
| RFC 855 | Telnet Option Specification | J. Postel, J. Reynolds |
| RFC 856 | Telnet Binary Transmission | J. Postel, J. Reynolds |
| RFC 857 | Telnet Echo Option | J. Postel, J. Reynolds |
| RFC 858 | Telnet Suppress Go Ahead Option | J. Postel, J. Reynolds |
| RFC 859 | Telnet Status Option | J. Postel, J. Reynolds |
| RFC 860 | Telnet Timing Mark Option | J. Postel, J. Reynolds |
| RFC 861 | Telnet Extended Options: List Option | J. Postel, J. Reynolds |
| RFC 862 | Echo Protocol | J. Postel |
| RFC 863 | Discard Protocol | J. Postel |
| RFC 864 | Character Generator Protocol | J. Postel |
| RFC 865 | Quote of the Day Protocol | J. Postel |
| RFC 868 | Time Protocol | J. Postel, K. Harrenstien |
| RFC 877 | Standard for the transmission of IP datagrams over public data networks | J.T. Korb |
| RFC 883 | Domain names: Implementation specification | P.V. Mockapetris |
| RFC 884 | Telnet terminal type option | M. Solomon, E. Wimmers |
| RFC 885 | Telnet end of record option | J. Postel |
| RFC 894 | Standard for the transmission of IP datagrams over Ethernet networks | C. Hornig |
| RFC 896 | Congestion control in IP/TCP internetworks | J. Nagle |
RFC 904  Exterior Gateway Protocol formal specification D. Mills
RFC 919  Broadcasting Internet Datagrams J. Mogul
RFC 922  Broadcasting Internet datagrams in the presence of subnets J. Mogul
RFC 927  TACACS user identification Telnet option B.A. Anderson
RFC 933  Output marking Telnet option S. Silverman
RFC 946  Telnet terminal location number option R. Nedved
RFC 950  Internet Standard Subnetting Procedure J. Mogul, J. Postel
RFC 952  DoD Internet host table specification K. Harrenstien, M. Stahl, E. Feinler
RFC 959  File Transfer Protocol J. Postel, J.K. Reynolds
RFC 961  Official ARPA-Internet protocols J.K. Reynolds, J. Postel
RFC 974  Mail routing and the domain system C. Partridge
RFC 1006  ISO transport services on top of the TCP: Version 3 M.T. Rose, D.E. Cass
RFC 1009  Requirements for Internet gateways R. Braden, J. Postel
RFC 1011  Official Internet protocols J. Reynolds, J. Postel
RFC 1014  XDR: External Data Representation standard Sun Microsystems
RFC 1027  Using ARP to implement transparent subnet gateways S. Carl-Mitchell, J. Quarterman
RFC 1032  Domain administrators guide M. Stahl
RFC 1033  Domain administrators operations guide M. Lottor
RFC 1034  Domain names—concepts and facilities P.V. Mockapetris
RFC 1035  Domain names—implementation and specification P.V. Mockapetris
RFC 1038  Draft revised IP security option M. St. Johns
RFC 1041  Telnet 3270 regime option Y. Rekhter
RFC 1042  Standard for the transmission of IP datagrams over IEEE 802 networks J. Postel, J. Reynolds
RFC 1043  Telnet Data Entry Terminal option: DODIIS implementation A. Yasuda, T. Thompson

Appendix A. Related protocol specifications 567
<table>
<thead>
<tr>
<th>RFC</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFC 1044</td>
<td>Internet Protocol on Network System’s HYPERchannel: Protocol specification</td>
<td>K. Hardwick, J. Lekashman</td>
</tr>
<tr>
<td>RFC 1053</td>
<td>Telnet X.3 PAD option</td>
<td>S. Levy, T. Jacobson</td>
</tr>
<tr>
<td>RFC 1055</td>
<td>Nonstandard for transmission of IP datagrams over serial lines: SLIP</td>
<td>J. Romkey</td>
</tr>
<tr>
<td>RFC 1058</td>
<td>Routing Information Protocol</td>
<td>C. Hedrick</td>
</tr>
<tr>
<td>RFC 1060</td>
<td>Assigned numbers</td>
<td>J. Reynolds, J. Postel</td>
</tr>
<tr>
<td>RFC 1071</td>
<td>Computing the Internet checksum</td>
<td>R.T. Braden, D.A. Borman, C. Partridge</td>
</tr>
<tr>
<td>RFC 1072</td>
<td>TCP extensions for long-delay paths</td>
<td>V. Jacobson, R.T. Braden</td>
</tr>
<tr>
<td>RFC 1073</td>
<td>Telnet window size option</td>
<td>D. Waitzman</td>
</tr>
<tr>
<td>RFC 1079</td>
<td>Telnet terminal speed option</td>
<td>C. Hedrick</td>
</tr>
<tr>
<td>RFC 1085</td>
<td>ISO presentation services on top of TCP/IP based internets</td>
<td>M.T. Rose</td>
</tr>
<tr>
<td>RFC 1091</td>
<td>Telnet terminal-type option</td>
<td>J. VanBokkelen</td>
</tr>
<tr>
<td>RFC 1094</td>
<td>NFS: Network File System Protocol specification</td>
<td>Sun Microsystems</td>
</tr>
<tr>
<td>RFC 1096</td>
<td>Telnet X display location option</td>
<td>G. Marcy</td>
</tr>
<tr>
<td>RFC 1101</td>
<td>DNS encoding of network names and other types</td>
<td>P. Mockapetris</td>
</tr>
<tr>
<td>RFC 1112</td>
<td>Host extensions for IP multicasting</td>
<td>S.E. Deering</td>
</tr>
<tr>
<td>RFC 1113</td>
<td>Privacy enhancement for Internet electronic mail: Part I — message encryption and authentication</td>
<td>J. Linn</td>
</tr>
<tr>
<td>RFC 1118</td>
<td>Hitchhiker’s Guide to the Internet</td>
<td>E. Krol</td>
</tr>
<tr>
<td>RFC 1122</td>
<td>Requirements for Internet Hosts—Communication Layers</td>
<td>R. Braden, Ed.</td>
</tr>
<tr>
<td>RFC 1123</td>
<td>Requirements for Internet Hosts—Application and Support</td>
<td>R. Braden, Ed.</td>
</tr>
<tr>
<td>RFC 1146</td>
<td>TCP alternate checksum options</td>
<td>J. Zweig, C. Partridge</td>
</tr>
<tr>
<td>RFC 1155</td>
<td>Structure and identification of management information for TCP/IP-based internets</td>
<td>M. Rose, K. McCloghrie</td>
</tr>
<tr>
<td>RFC 1156</td>
<td>Management Information Base for network management of TCP/IP-based internets</td>
<td>K. McCloghrie, M. Rose</td>
</tr>
<tr>
<td>RFC 1158</td>
<td>Management Information Base for network management of TCP/IP-based internets: MIB-II</td>
<td>M. Rose</td>
</tr>
<tr>
<td>RFC 1166</td>
<td>Internet numbers</td>
<td>S. Kirkpatrick, M.K. Stahl, M. Recker</td>
</tr>
<tr>
<td>RFC 1179</td>
<td>Line printer daemon protocol</td>
<td>L. McLaughlin</td>
</tr>
<tr>
<td>RFC 1180</td>
<td>TCP/IP tutorial</td>
<td>T. Socolofsky, C. Kale</td>
</tr>
</tbody>
</table>
Appendix A. Related protocol specifications

RFC 1184  Telnet Linemode Option  D. Borman
RFC 1186  MD4 Message Digest Algorithm  R.L. Rivest
RFC 1187  Bulk Table Retrieval with the SNMP  M. Rose, K. McCloghrie, J. Davin
RFC 1188  Proposed Standard for the Transmission of IP Datagrams over FDDI Networks  D. Katz
RFC 1190  Experimental Internet Stream Protocol: Version 2 (ST-II)  C. Topolcic
RFC 1191  Path MTU discovery  J. Mogul, S. Deering
RFC 1198  FYI on the X window system  R. Scheifler
RFC 1207  FYI on Questions and Answers: Answers to commonly asked “experienced Internet user” questions  G. Malkin, A. Marine, J. Reynolds
RFC 1208  Glossary of networking terms  O. Jacobsen, D. Lynch
RFC 1215  Convention for defining traps for use with the SNMP  M. Rose
RFC 1227  SNMP MUX protocol and MIB  M.T. Rose
RFC 1228  SNMP-DPI: Simple Network Management Protocol Distributed Program Interface  G. Carpenter, B. Wijnen
RFC 1229  Extensions to the generic-interface MIB  K. McCloghrie
RFC 1230  IEEE 802.4 Token Bus MIB  K. McCloghrie, R. Fox
RFC 1231  IEEE 802.5 Token Ring MIB  K. McCloghrie, R. Fox, E. Decker
RFC 1236  IP to X.121 address mapping for DDN  L. Morales, P. Hasse
RFC 1256  ICMP Router Discovery Messages  S. Deering, Ed.
RFC 1267  Border Gateway Protocol 3 (BGP-3)  K. Lougheed, Y. Rekhter
RFC 1268  Application of the Border Gateway Protocol in the Internet  Y. Rekhter, P. Gross
RFC 1269  Definitions of Managed Objects for the Border Gateway Protocol: Version 3  S. Willis, J. Burruss
RFC 1270  SNMP Communications Services  F. Kastenholz, ed.
RFC 1285  FDDI Management Information Base  J. Case
RFC 1315  Management Information Base for Frame Relay DTEs  C. Brown, F. Baker, C. Carvalho
RFC 1321  The MD5 Message-Digest Algorithm  R. Rivest
RFC 1323  TCP Extensions for High Performance  V. Jacobson, R. Braden, D. Borman
RFC 1325  FYI on Questions and Answers: Answers to Commonly Asked "New Internet User" Questions  G. Malkin, A. Marine
RFC 1327  Mapping between X.400 (1988)/ISO 10021 and RFC 822  S. Hardcastle-Kille
<table>
<thead>
<tr>
<th>RFC</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1340</td>
<td>Assigned Numbers</td>
<td>J. Reynolds, J. Postel</td>
</tr>
<tr>
<td>1344</td>
<td>Implications of MIME for Internet Mail Gateways</td>
<td>N. Bornstein</td>
</tr>
<tr>
<td>1349</td>
<td>Type of Service in the Internet Protocol Suite</td>
<td>P. Almquist</td>
</tr>
<tr>
<td>1350</td>
<td>The TFTP Protocol (Revision 2)</td>
<td>K.R. Sollins</td>
</tr>
<tr>
<td>1351</td>
<td>SNMP Administrative Model</td>
<td>J. Davin, J. Galvin, K. McCloghrie</td>
</tr>
<tr>
<td>1352</td>
<td>SNMP Security Protocols</td>
<td>J. Galvin, K. McCloghrie, J. Davin</td>
</tr>
<tr>
<td>1353</td>
<td>Definitions of Managed Objects for Administration of SNMP Parties</td>
<td>K. McCloghrie, J. Davin, J. Galvin</td>
</tr>
<tr>
<td>1354</td>
<td>IP Forwarding Table MIB</td>
<td>F. Baker</td>
</tr>
<tr>
<td>1356</td>
<td>Multiprotocol Interconnect on X.25 and ISDN in the Packet Mode</td>
<td>A. Malis, D. Robinson, R. Ullmann</td>
</tr>
<tr>
<td>1358</td>
<td>Charter of the Internet Architecture Board (IAB)</td>
<td>L. Chapin</td>
</tr>
<tr>
<td>1363</td>
<td>A Proposed Flow Specification</td>
<td>C. Partridge</td>
</tr>
<tr>
<td>1368</td>
<td>Definition of Managed Objects for IEEE 802.3 Repeater Devices</td>
<td>D. McMaster, K. McCloghrie</td>
</tr>
<tr>
<td>1372</td>
<td>Telnet Remote Flow Control Option</td>
<td>C. L. Hedrick, D. Borman</td>
</tr>
<tr>
<td>1374</td>
<td>IP and ARP on HIPPI</td>
<td>J. Renwick, A. Nicholson</td>
</tr>
<tr>
<td>1381</td>
<td>SNMP MIB Extension for X.25 LAPB</td>
<td>D. Throop, F. Baker</td>
</tr>
<tr>
<td>1382</td>
<td>SNMP MIB Extension for the X.25 Packet Layer</td>
<td>D. Throop</td>
</tr>
<tr>
<td>1387</td>
<td>RIP Version 2 Protocol Analysis</td>
<td>G. Malkin</td>
</tr>
<tr>
<td>1388</td>
<td>RIP Version 2 Carrying Additional Information</td>
<td>G. Malkin</td>
</tr>
<tr>
<td>1389</td>
<td>RIP Version 2 MIB Extensions</td>
<td>G. Malkin, F. Baker</td>
</tr>
<tr>
<td>1390</td>
<td>Transmission of IP and ARP over FDDI Networks</td>
<td>D. Katz</td>
</tr>
<tr>
<td>1393</td>
<td>Traceroute Using an IP Option</td>
<td>G. Malkin</td>
</tr>
<tr>
<td>1398</td>
<td>Definitions of Managed Objects for the Ethernet-Like Interface Types</td>
<td>F. Kastenholz</td>
</tr>
<tr>
<td>1408</td>
<td>Telnet Environment Option</td>
<td>D. Borman, Ed.</td>
</tr>
<tr>
<td>1413</td>
<td>Identification Protocol</td>
<td>M. St. Johns</td>
</tr>
<tr>
<td>1416</td>
<td>Telnet Authentication Option</td>
<td>D. Borman, ed.</td>
</tr>
<tr>
<td>1420</td>
<td>SNMP over IPX</td>
<td>S. Bostock</td>
</tr>
<tr>
<td>1428</td>
<td>Transition of Internet Mail from Just-Send-8 to 8bit-SMTP/MIME</td>
<td>G. Vaudreuil</td>
</tr>
<tr>
<td>1445</td>
<td>Administrative Model for version 2 of the Simple Network Management Protocol (SNMPv2)</td>
<td>J. Galvin, K. McCloghrie</td>
</tr>
<tr>
<td>1447</td>
<td>Party MIB for version 2 of the Simple Network Management Protocol (SNMPv2)</td>
<td>K. McCloghrie, J. Galvin</td>
</tr>
<tr>
<td>RFC 1464</td>
<td>Using the Domain Name System to Store Arbitrary String Attributes</td>
<td>R. Rosenbaum</td>
</tr>
<tr>
<td>RFC 1469</td>
<td>IP Multicast over Token-Ring Local Area Networks</td>
<td>T. Pusateri</td>
</tr>
<tr>
<td>RFC 1483</td>
<td>Multiprotocol Encapsulation over ATM Adaptation Layer 5</td>
<td>Juha Heinanen</td>
</tr>
<tr>
<td>RFC 1514</td>
<td>Host Resources MIB</td>
<td>P. Grillo, S. Waldbusser</td>
</tr>
<tr>
<td>RFC 1516</td>
<td>Definitions of Managed Objects for IEEE 802.3 Repeater Devices</td>
<td>D. McMaster, K. McCloghrie</td>
</tr>
<tr>
<td>RFC 1521</td>
<td>MIME (Multipurpose Internet Mail Extensions) Part One: Mechanisms for Specifying and Describing the Format of Internet Message Bodies</td>
<td>N. Borenstein, N. Freed</td>
</tr>
<tr>
<td>RFC 1535</td>
<td>A Security Problem and Proposed Correction With Widely Deployed DNS Software</td>
<td>E. Gavron</td>
</tr>
<tr>
<td>RFC 1536</td>
<td>Common DNS Implementation Errors and Suggested Fixes</td>
<td>A. Kumar, J. Postel, C. Neuman, P. Danzig, S. Miller</td>
</tr>
<tr>
<td>RFC 1537</td>
<td>Common DNS Data File Configuration Errors</td>
<td>P. Beertema</td>
</tr>
<tr>
<td>RFC 1540</td>
<td>Internet Official Protocol Standards</td>
<td>J. Postel</td>
</tr>
<tr>
<td>RFC 1571</td>
<td>Telnet Environment Option Interoperability Issues</td>
<td>D. Borman</td>
</tr>
<tr>
<td>RFC 1572</td>
<td>Telnet Environment Option</td>
<td>S. Alexander</td>
</tr>
<tr>
<td>RFC 1573</td>
<td>Evolution of the Interfaces Group of MIB-II</td>
<td>K. McCloghrie, F. Kastenholz</td>
</tr>
<tr>
<td>RFC 1577</td>
<td>Classical IP and ARP over ATM</td>
<td>M. Laubach</td>
</tr>
<tr>
<td>RFC 1583</td>
<td>OSPF Version 2</td>
<td>J. Moy</td>
</tr>
<tr>
<td>RFC 1591</td>
<td>Domain Name System Structure and Delegation</td>
<td>J. Postel</td>
</tr>
<tr>
<td>RFC 1594</td>
<td>FYI on Questions and Answers—Answers to Commonly Asked &quot;New Internet User&quot; Questions</td>
<td>A. Marine, J. Reynolds, G. Malkin</td>
</tr>
<tr>
<td>RFC 1644</td>
<td>T/TCP — TCP Extensions for Transactions Functional Specification</td>
<td>R. Braden</td>
</tr>
<tr>
<td>RFC 1646</td>
<td>TN3270 Extensions for LUname and Printer Selection</td>
<td>C. Graves, T. Butts, M. Angel</td>
</tr>
<tr>
<td>RFC 1647</td>
<td>TN3270 Enhancements</td>
<td>B. Kelly</td>
</tr>
<tr>
<td>RFC 1652</td>
<td>SMTP Service Extension for 8bit-MIMEtransport</td>
<td>J. Klensin, N. Freed, M. Rose, E. Stefferud, D. Crocker</td>
</tr>
<tr>
<td>RFC 1664</td>
<td>Using the Internet DNS to Distribute RFC1327 Mail Address Mapping Tables</td>
<td>C. Allochio, A. Bonito, B. Cole, S. Giordano, R. Hagens</td>
</tr>
<tr>
<td>RFC 1693</td>
<td>An Extension to TCP: Partial Order Service</td>
<td>T. Connolly, P. Amer, P. Conrad</td>
</tr>
<tr>
<td>RFC 1695</td>
<td>Definitions of Managed Objects for ATM Management Version 8.0 using SMIv2</td>
<td>M. Ahmed, K. Tesink</td>
</tr>
<tr>
<td>RFC 1701</td>
<td>Generic Routing Encapsulation (GRE) S. Hanks, T. Li, D. Farinacci, P. Traina</td>
<td></td>
</tr>
<tr>
<td>RFC 1702</td>
<td>Generic Routing Encapsulation over IPv4 networks S. Hanks, T. Li, D. Farinacci, P. Traina</td>
<td></td>
</tr>
<tr>
<td>RFC 1706</td>
<td>DNS NSAP Resource Records B. Manning, R. Colella</td>
<td></td>
</tr>
<tr>
<td>RFC 1712</td>
<td>DNS Encoding of Geographical Location C. Farrell, M. Schulze, S. Pleitner, D. Baldoni</td>
<td></td>
</tr>
<tr>
<td>RFC 1713</td>
<td>Tools for DNS debugging A. Romao</td>
<td></td>
</tr>
<tr>
<td>RFC 1723</td>
<td>RIP Version 2—Carrying Additional Information G. Malkin</td>
<td></td>
</tr>
<tr>
<td>RFC 1752</td>
<td>The Recommendation for the IP Next Generation Protocol S. Bradner, A. Mankin</td>
<td></td>
</tr>
<tr>
<td>RFC 1766</td>
<td>Tags for the Identification of Languages H. Alvestrand</td>
<td></td>
</tr>
<tr>
<td>RFC 1771</td>
<td>A Border Gateway Protocol 4 (BGP-4) Y. Rekhter, T. Li</td>
<td></td>
</tr>
<tr>
<td>RFC 1794</td>
<td>DNS Support for Load Balancing T. Brisco</td>
<td></td>
</tr>
<tr>
<td>RFC 1826</td>
<td>IP Authentication Header R. Atkinson</td>
<td></td>
</tr>
<tr>
<td>RFC 1828</td>
<td>IP Authentication using Keyed MD5 P. Metzger, W. Simpson</td>
<td></td>
</tr>
<tr>
<td>RFC 1829</td>
<td>The ESP DES-CBC Transform P. Karn, P. Metzger, W. Simpson</td>
<td></td>
</tr>
<tr>
<td>RFC 1830</td>
<td>SMTP Service Extensions for Transmission of Large and Binary MIME Messages G. Vaudreuil</td>
<td></td>
</tr>
<tr>
<td>RFC 1832</td>
<td>XDR: External Data Representation Standard R. Srinivasan</td>
<td></td>
</tr>
<tr>
<td>RFC 1833</td>
<td>Binding Protocols for ONC RPC Version 2 R. Srinivasan</td>
<td></td>
</tr>
<tr>
<td>RFC 1850</td>
<td>OSPF Version 2 Management Information Base F. Baker, R. Coltun</td>
<td></td>
</tr>
<tr>
<td>RFC 1854</td>
<td>SMTP Service Extension for Command Pipelining N. Freed</td>
<td></td>
</tr>
<tr>
<td>RFC 1869</td>
<td>SMTP Service Extensions J. Klensin, N. Freed, M. Rose, E. Stefferud, D. Crocker</td>
<td></td>
</tr>
<tr>
<td>RFC 1870</td>
<td>SMTP Service Extension for Message Size Declaration J. Klensin, N. Freed, K. Moore</td>
<td></td>
</tr>
<tr>
<td>RFC 1876</td>
<td>A Means for Expressing Location Information in the Domain Name System C. Davis, P. Vixie, T. Goodwin, I. Dickinson</td>
<td></td>
</tr>
<tr>
<td>RFC 1883</td>
<td>Internet Protocol, Version 6 (IPv6) Specification S. Deering, R. Hinden</td>
<td></td>
</tr>
<tr>
<td>RFC 1886</td>
<td>DNS Extensions to support IP version 6 S. Thomson, C. Huitema</td>
<td></td>
</tr>
<tr>
<td>RFC 1888</td>
<td>OSI NSAPs and IPv6 J. Bound, B. Carpenter, D. Harrington, J. Houldsworth, A. Lloyd</td>
<td></td>
</tr>
<tr>
<td>RFC 1891</td>
<td>SMTP Service Extension for Delivery Status Notifications K. Moore</td>
<td></td>
</tr>
<tr>
<td>RFC 1892</td>
<td>The Multipart/Report Content Type for the Reporting of Mail System Administrative Messages G. Vaudreuil</td>
<td></td>
</tr>
</tbody>
</table>
RFC 1894  An Extensible Message Format for Delivery Status Notifications
K. Moore, G. Vaudreuil

RFC 1901  Introduction to Community-based SNMPv2
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1902  Structure of Management Information for Version 2 of the Simple
Network Management Protocol (SNMPv2)
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1903  Textual Conventions for Version 2 of the Simple Network
Management Protocol (SNMPv2)
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1904  Conformance Statements for Version 2 of the Simple Network
Management Protocol (SNMPv2)
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

Management Protocol (SNMPv2)
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1906  Transport Mappings for Version 2 of the Simple Network
Management Protocol (SNMPv2)
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1907  Management Information Base for Version 2 of the Simple Network
Management Protocol (SNMPv2)
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1908  Coexistence between Version 1 and Version 2 of the Internet-standard
Network Management Framework
J. Case, K. McCloghrie, M. Rose, S. Waldbusser

RFC 1912  Common DNS Operational and Configuration Errors
D. Barr

RFC 1918  Address Allocation for Private Internets
Y. Rekhter, B. Moskowitz, D. Karrenberg, G.J. de Groot, E. Lear

RFC 1928  SOCKS Protocol Version 5
M. Leech, M. Ganis, Y. Lee, R. Kuris, D. Koblas, L. Jones

RFC 1930  Guidelines for creation, selection, and registration of an Autonomous
System (AS)
J. Hawkinson, T. Bates

RFC 1939  Post Office Protocol-Version 3
J. Myers, M. Rose

RFC 1981  Path MTU Discovery for IP version 6
J. McCann, S. Deering, J. Mogul

RFC 1982  Serial Number Arithmetic
R. Elz, R. Bush

RFC 1985  SMTP Service Extension for Remote Message Queue Starting
J. De Winter

RFC 1995  Incremental Zone Transfer in DNS
M. Ohta

RFC 1996  A Mechanism for Prompt Notification of Zone Changes (DNS NOTIFY)
P. Vixie

RFC 2010  Operational Criteria for Root Name Servers
B. Manning, P. Vixie

RFC 2011  SNMPv2 Management Information Base for the Internet Protocol using
SMIv2
K. McCloghrie, Ed.

RFC 2012  SNMPv2 Management Information Base for the Transmission Control
Protocol using SMIv2
K. McCloghrie, Ed.

RFC 2013  SNMPv2 Management Information Base for the User Datagram Protocol
using SMIv2
K. McCloghrie, Ed.
RFC 2018  TCP Selective Acknowledgement Options M. Mathis, J. Mahdavi, S. Floyd, A. Romanow
RFC 2026  The Internet Standards Process — Revision 3 S. Bradner
RFC 2033  Local Mail Transfer Protocol J. Myers
RFC 2034  SMTP Service Extension for Returning Enhanced Error CodesN. Freed
RFC 2045  Multipurpose Internet Mail Extensions (MIME) Part One: Format of Internet Message Bodies N. Freed, N. Borenstein
RFC 2052  A DNS RR for specifying the location of services (DNS SRV) A. Gulbrandsen, P. Vixie
RFC 2065  Domain Name System Security Extensions D. Eastlake 3rd, C. Kaufman
RFC 2066  TELNET CHARSET Option R. Gellens
RFC 2080  RIPng for IPv6 G. Malkin, R. Minnear
RFC 2096  IP Forwarding Table MIB F. Baker
RFC 2104  HMAC: Keyed-Hashing for Message Authentication H. Krawczyk, M. Bellare, R. Canetti
RFC 2119  Keywords for use in RFCs to Indicate Requirement Levels S. Bradner
RFC 2133  Basic Socket Interface Extensions for IPv6 R. Gilligan, S. Thomson, J. Bound, W. Stevens
RFC 2136  Dynamic Updates in the Domain Name System (DNS UPDATE) P. Vixie, Ed., S. Thomson, Y. Rekhter, J. Bound
RFC 2137  Secure Domain Name System Dynamic Update D. Eastlake 3rd
RFC 2163  Using the Internet DNS to Distribute MIXER Conformant Global Address Mapping (MCGAM) C. Allocchio
RFC 2168  Resolution of Uniform Resource Identifiers using the Domain Name System R. Daniel, M. Mealling
RFC 2178  OSPF Version 2 J. Moy
RFC 2210  The Use of RSVP with IETF Integrated Services J. Wroclawski
RFC 2211  Specification of the Controlled-Load Network Element Service J. Wroclawski
RFC 2212  Specification of Guaranteed Quality of Service S. Shenker, C. Partridge, R. Guerin
RFC 2215  General Characterization Parameters for Integrated Service Network Elements S. Shenker, J. Wroclawski
RFC 2217  Telnet Com Port Control Option G. Clarke
RFC 2219  Use of DNS Aliases for Network Services M. Hamilton, R. Wright
RFC 2228  FTP Security Extensions M. Horowitz, S. Lunt
RFC 2230  Key Exchange Delegation Record for the DNS R. Atkinson
RFC 2233  The Interfaces Group MIB using SMIv2 K. McCloghrie, F. Kastenholz
RFC 2240  A Legal Basis for Domain Name Allocation O. Vaughn
RFC 2246  The TLS Protocol Version 1.0 T. Dierks, C. Allen
RFC 2254  The String Representation of LDAP Search Filters T. Howes
RFC 2261  An Architecture for Describing SNMP Management Frameworks D. Harrington, R. Presuhn, B. Wijnen
RFC 2271  An Architecture for Describing SNMP Management Frameworks D. Harrington, R. Presuhn, B. Wijnen
RFC 2273  SNMPv3 Applications D. Levi, P. Meyer, B. Stewartz
RFC 2275  View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP) B. Wijnen, R. Presuhn, K. McCloghrie
RFC 2279  UTF-8, a transformation format of ISO 10646 F. Yergeau
RFC 2292  Advanced Sockets API for IPv6 W. Stevens, M. Thomas
RFC 2308  Negative Caching of DNS Queries (DNS NCACHE) M. Andrews
RFC 2317  Classless IN-ADDR.ARPA delegation H. Eidnes, G. de Groot, P. Vixie
RFC 2320  Definitions of Managed Objects for Classical IP and ARP Over ATM Using SMIv2 (IPOA-MIB) M. Greene, J. Luciani, K. White, T. Kuo
RFC 2328  OSPF Version 2 J. Moy
RFC 2345  Domain Names and Company Name Retrieval J. Klensin, T. Wolf, G. Oglesby
RFC 2352  A Convention for Using Legal Names as Domain Names O. Vaughn
RFC 2355  TN3270 Enhancements B. Kelly
RFC 2358  Definitions of Managed Objects for the Ethernet-like Interface Types J. Flick, J. Johnson
RFC 2373  IP Version 6 Addressing Architecture R. Hinden, S. Deering
RFC 2374  An IPv6 Aggregatable Global Unicast Address Format R. Hinden, M. O’Dell, S. Deering
RFC 2375  IPv6 Multicast Address Assignments R. Hinden, S. Deering
RFC 2385  Protection of BGP Sessions via the TCP MD5 Signature Option A. Heffernan
<table>
<thead>
<tr>
<th>RFC</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>2389</td>
<td>Feature negotiation mechanism for the File Transfer Protocol</td>
<td>P. Hethmon, R. Elz</td>
</tr>
<tr>
<td>2401</td>
<td>Security Architecture for Internet Protocol</td>
<td>S. Kent, R. Atkinson</td>
</tr>
<tr>
<td>2402</td>
<td>IP Authentication Header</td>
<td>S. Kent, R. Atkinson</td>
</tr>
<tr>
<td>2403</td>
<td>The Use of HMAC-MD5–96 within ESP and AH</td>
<td>C. Madson, R. Glenn</td>
</tr>
<tr>
<td>2404</td>
<td>The Use of HMAC-SHA–1–96 within ESP and AH</td>
<td>C. Madson, R. Glenn</td>
</tr>
<tr>
<td>2405</td>
<td>The ESP DES-CBC Cipher Algorithm With Explicit IV</td>
<td>C. Madson, N. Doraswamy</td>
</tr>
<tr>
<td>2406</td>
<td>IP Encapsulating Security Payload (ESP)</td>
<td>S. Kent, R. Atkinson</td>
</tr>
<tr>
<td>2407</td>
<td>The Internet IP Security Domain of Interpretation for ISAKMPD</td>
<td>D. Piper</td>
</tr>
<tr>
<td>2409</td>
<td>The Internet Key Exchange (IKE)</td>
<td>D. Harkins, D. Carrel</td>
</tr>
<tr>
<td>2410</td>
<td>The NULL Encryption Algorithm and Its Use With IPsec</td>
<td>R. Glenn, S. Kent, E. Nordmark, W. Simpson</td>
</tr>
<tr>
<td>2428</td>
<td>FTP Extensions for IPv6 and NATs</td>
<td>M. Allman, S. Ostermann, C. Metz</td>
</tr>
<tr>
<td>2445</td>
<td>Internet Calendaring and Scheduling Core Object Specification</td>
<td>F. Dawson, D. Stenerson</td>
</tr>
<tr>
<td>2459</td>
<td>Internet X.509 Public Key Infrastructure Certificate and CRL Profile</td>
<td>R. Housley, W. Ford, W. Polk, D. Solo</td>
</tr>
<tr>
<td>2460</td>
<td>Internet Protocol, Version 6 (IPv6) Specification</td>
<td>S. Deering, R. Hinden</td>
</tr>
<tr>
<td>2462</td>
<td>IPv6 Stateless Address Autoconfiguration</td>
<td>S. Thomson, T. Narten</td>
</tr>
<tr>
<td>2463</td>
<td>Internet Control Message Protocol (ICMPv6) for the Internet Protocol Version 6 (IPv6)</td>
<td>A. Conta, S. Deering</td>
</tr>
<tr>
<td>2464</td>
<td>Transmission of IPv6 Packets over Ethernet Networks</td>
<td>M. Crawford</td>
</tr>
<tr>
<td>2476</td>
<td>Message Submission</td>
<td>R. Gellens, J. Klensin</td>
</tr>
<tr>
<td>2487</td>
<td>SMTP Service Extension for Secure SMTP over TLS</td>
<td>P. Hoffman</td>
</tr>
<tr>
<td>2505</td>
<td>Anti-Spam Recommendations for SMTP MTAs</td>
<td>G. Lindberg</td>
</tr>
<tr>
<td>2523</td>
<td>Phodurus: Extended Schemes and Attributes</td>
<td>P. Karn, W. Simpson</td>
</tr>
<tr>
<td>2535</td>
<td>Domain Name System Security Extensions</td>
<td>D. Eastlake 3rd</td>
</tr>
<tr>
<td>2538</td>
<td>Storing Certificates in the Domain Name System (DNS)</td>
<td>D. Eastlake 3rd, O. Gudmundsson</td>
</tr>
<tr>
<td>2539</td>
<td>Storage of Diffie-Hellman Keys in the Domain Name System (DNS)</td>
<td>D. Eastlake 3rd</td>
</tr>
<tr>
<td>2540</td>
<td>Detached Domain Name System (DNS) Information</td>
<td>D. Eastlake 3rd</td>
</tr>
<tr>
<td>2554</td>
<td>SMTP Service Extension for Authentication</td>
<td>J. Myers</td>
</tr>
<tr>
<td>RFC</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>-----</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2570</td>
<td>Introduction to Version 3 of the Internet-standard Network Management Framework</td>
<td>J. Case, R. Mundy, D. Partain, B. Stewart</td>
</tr>
<tr>
<td>2571</td>
<td>An Architecture for Describing SNMP Management Frameworks</td>
<td>B. Wijnen, D. Harrington, R. Presuhn</td>
</tr>
<tr>
<td>2573</td>
<td>SNMP Applications</td>
<td>D. Levi, P. Meyer, B. Stewart</td>
</tr>
<tr>
<td>2575</td>
<td>View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP)</td>
<td>B. Wijnen, R. Presuhn, K. McCloghrie</td>
</tr>
<tr>
<td>2577</td>
<td>Structure of Management Information Version 2 (SMIv2)</td>
<td>K. McCloghrie, D. Perkins, J. Schoenwaelder</td>
</tr>
<tr>
<td>2578</td>
<td>Textual Conventions for SMIv2</td>
<td>K. McCloghrie, D. Perkins, J. Schoenwaelder</td>
</tr>
<tr>
<td>2579</td>
<td>Conformance Statements for SMIv2</td>
<td>K. McCloghrie, D. Perkins, J. Schoenwaelder</td>
</tr>
<tr>
<td>2580</td>
<td>TCP Congestion Control</td>
<td>M. Allman, V. Paxson, W. Stevens</td>
</tr>
<tr>
<td>2581</td>
<td>Guidelines for Next Hop Client (NHC) Developers</td>
<td>R. Carlson, L. Winkler</td>
</tr>
<tr>
<td>2582</td>
<td>Definitions of Managed Objects for Scheduling Management Operations</td>
<td>D. Levi, J. Schoenwaelder</td>
</tr>
<tr>
<td>2583</td>
<td>IP and ARP over Fibre Channel</td>
<td>M. Rajagopal, R. Bhagwat, W. Rickard</td>
</tr>
<tr>
<td>2584</td>
<td>Don’t SPEW A Set of Guidelines for Mass Unsolicited Mailings and Postings (spam*)</td>
<td>S. Hambridge, A. Lunde</td>
</tr>
<tr>
<td>2586</td>
<td>Internationalization of the File Transfer Protocol</td>
<td>B. Curtin</td>
</tr>
<tr>
<td>2587</td>
<td>Definitions of Managed Objects for the Ethernet-like Interface Types</td>
<td>J. Flick, J. Johnson</td>
</tr>
<tr>
<td>2588</td>
<td>Extension Mechanisms for DNS (EDNS0)</td>
<td>P. Vixie</td>
</tr>
<tr>
<td>2589</td>
<td>Non-Terminal DNS Name Redirection</td>
<td>M. Crawford</td>
</tr>
<tr>
<td>2590</td>
<td>IPv6 Jumbograms</td>
<td>D. Borman, S. Deering, R. Hinden</td>
</tr>
<tr>
<td>2591</td>
<td>Multicast Listener Discovery (MLD) for IPv6</td>
<td>S. Deering, W. Fenner, B. Haberman</td>
</tr>
<tr>
<td>2592</td>
<td>IPv6 Router Alert Option</td>
<td>C. Partridge, A. Jackson</td>
</tr>
<tr>
<td>2593</td>
<td>OSPF for IPv6</td>
<td>R. Coltun, D. Ferguson, J. Moy</td>
</tr>
<tr>
<td>2594</td>
<td>A Framework for Policy-based Admission Control</td>
<td>R. Yavatkar, D. Pendarakis, R. Guerin</td>
</tr>
</tbody>
</table>

Appendix A. Related protocol specifications 577
<p>| RFC 2782 | A DNS RR for specifying the location of services (DNS SRV) A. Gubrandsen, P. Vixie, L. Esibov |
| RFC 2821 | Simple Mail Transfer Protocol J. Klensin, Ed. |
| RFC 2822 | Internet Message Format P. Resnick, Ed. |
| RFC 2840 | TELNET KERMIT OPTION J. Altman, F. da Cruz |
| RFC 2845 | Secret Key Transaction Authentication for DNS (TSIG) P. Vixie, O. Gudmundsson, D. Eastlake 3rd, B. Wellington |
| RFC 2851 | Textual Conventions for Internet Network Addresses M. Daniele, B. Haberman, S. Routhier, J. Schoenwaelder |
| RFC 2852 | Deliver By SMTP Service Extension D. Newman |
| RFC 2874 | DNS Extensions to Support IPv6 Address Aggregation and Renumbering M. Crawford, C. Huitema |
| RFC 2896 | The Naming Authority Pointer (NAPTR) DNS Resource Record M. Mealling, R. Daniel |
| RFC 2900 | SMTP Service Extension for Command Pipelining N. Freed |
| RFC 2911 | Secret Key Establishment for DNS (TKEY RR) D. Eastlake, 3rd |
| RFC 2941 | Telnet Authentication Option T. Ts’o, ed., J. Altman |
| RFC 2942 | Telnet Authentication: Kerberos Version 5 T. Ts’o |
| RFC 2946 | Telnet Data Encryption Option T. Ts’o |
| RFC 2952 | Telnet Encryption: DES 64 bit Cipher Feedback T. Ts’o |
| RFC 2953 | Telnet Encryption: DES 64 bit Output Feedback T. Ts’o |
| RFC 2992 | Analysis of an Equal-Cost Multi-Path Algorithm C. Hopps |
| RFC 3019 | IP Version 6 Management Information Base for The Multicast Listener Discovery Protocol B. Haberman, R. Worsley |
| RFC 3060 | Policy Core Information Model—Version 1 Specification B. Moore, E. Ellesson, J. Strassner, A. Westerinen |
| RFC 3152 | Delegation of IP6.ARPA R. Bush |
| RFC 3164 | The BSD Syslog Protocol C. Lonvick |
| RFC 3207 | SMTP Service Extension for Secure SMTP over Transport Layer Security P. Hoffman |
| RFC 3226 | DNSSEC and IPv6 A6 aware server/resolver message size requirements O. Gudmundsson |
| RFC 3291 | Textual Conventions for Internet Network Addresses M. Daniele, B. Haberman, S. Routhier, J. Schoenwaelder |
| RFC 3376 | Internet Group Management Protocol, Version 3 B. Cain, S. Deering, I. Kouvelas, B. Fenner, A. Thyagarajan |
| RFC 3390 | Increasing TCP’s Initial Window M. Allman, S. Floyd, C. Partridge |
| RFC 3410 | Introduction and Applicability Statements for Internet-Standard Management Framework J. Case, R. Mundy, D. Partain, B. Stewart |
| RFC 3415 | View-based Access Control Model (VACM) for the Simple Network Management Protocol (SNMP) B. Wijnen, R. Presuhn, K. McCloghrie |
| RFC 3419 | Textual Conventions for Transport Addresses M. Daniele, J. Schoenwaelder |
| RFC 3484 | Default Address Selection for Internet Protocol version 6 (IPv6) R. Draves |
| RFC 3513 | Internet Protocol Version 6 (IPv6) Addressing Architecture R. Hinden, S. Deering |
| RFC 3526 | More Modular Exponential (MODP) Diffie-Hellman groups for Internet Key Exchange (IKE) T. Kivinen, M. Kojo |
| RFC 3542 | Advanced Sockets Application Programming Interface (API) for IPv6 W. Richard Stevens, M. Thomas, E. Nordmark, T. Jinmei |
| RFC 3569 | An Overview of Source-Specific Multicast (SSM) S. Bhattacharyya, Ed. |
| RFC 3602 | The AES-CBC Cipher Algorithm and Its Use with IPsec S. Frankel, R. Glenn, S. Kelly |
| RFC 3629 | UTF-8, a transformation format of ISO 10646 R. Kermode, C. Vicisano |
| RFC 3658 | Delegation Signer (DS) Resource Record (RR) O. Gudmundsson |
| RFC 3678 | Socket Interface Extensions for Multicast Source Filters D. Thaler, B. Fenner, B. Quinn |
| RFC 3715 | IPsec-Network Address Translation (NAT) Compatibility Requirements B. Aboba, W. Dixon |</p>
<table>
<thead>
<tr>
<th>RFC</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>3947</td>
<td>Negotiation of NAT-Traversal in the IKE</td>
<td>T. Kivinen, B. Swander, A. Huttunen, V. Volpe</td>
</tr>
<tr>
<td>3948</td>
<td>UDP Encapsulation of IPsec ESP Packets</td>
<td>A. Huttunen, B. Swander, V. Volpe, L. DiBurro, M. Stenberg</td>
</tr>
<tr>
<td>4001</td>
<td>Textual Conventions for Internet Network Addresses</td>
<td>M. Daniele, B. Haberman, S. Routhier, J. Schoenwaelder</td>
</tr>
<tr>
<td>4007</td>
<td>IPv6 Scoped Address Architecture</td>
<td>S. Deering, B. Haberman, T. Jinmei, E. Nordmark, B. Zill</td>
</tr>
<tr>
<td>4022</td>
<td>Management Information Base for the Transmission Control Protocol (TCP)</td>
<td>R. Raghunarayan</td>
</tr>
<tr>
<td>4113</td>
<td>Management Information Base for the User Datagram Protocol (UDP)</td>
<td>B. Fenner, J. Flick</td>
</tr>
<tr>
<td>4217</td>
<td>Securing FTP with TLS</td>
<td>P. Ford-Hutchinson</td>
</tr>
<tr>
<td>4292</td>
<td>IP Forwarding Table MIB</td>
<td>B. Haberman</td>
</tr>
<tr>
<td>4293</td>
<td>Management Information Base for the Internet Protocol (IP)</td>
<td>S. Routhier</td>
</tr>
<tr>
<td>4301</td>
<td>Security Architecture for the Internet Protocol</td>
<td>S. Kent, K. Seo</td>
</tr>
<tr>
<td>4302</td>
<td>IP Authentication Header</td>
<td>S. Kent</td>
</tr>
<tr>
<td>4303</td>
<td>IP Encapsulating Security Payload (ESP)</td>
<td>S. Kent</td>
</tr>
<tr>
<td>4304</td>
<td>Extended Sequence Number (ESN) Addendum to IPsec Domain of Interpretation (DOI) for Internet Security Association and Key Management Protocol (ISAKMP)</td>
<td>S. Kent</td>
</tr>
<tr>
<td>4308</td>
<td>Cryptographic Suites for IPsec</td>
<td>P. Hoffman</td>
</tr>
<tr>
<td>4552</td>
<td>Authentication/Confidentiality for OSPFo3</td>
<td>M. Gupta, N. Melam</td>
</tr>
<tr>
<td>4678</td>
<td>Server/Application State Protocol v1</td>
<td>A. Bivens</td>
</tr>
<tr>
<td>4835</td>
<td>Cryptographic Algorithm Implementation Requirements for Encapsulating Security Payload (ESP) and Authentication Header (AH)</td>
<td>V. Manral</td>
</tr>
<tr>
<td>4862</td>
<td>IPv6 Stateless Address Autoconfiguration</td>
<td>S. Thomson, T. Narten, T. Jinmei</td>
</tr>
<tr>
<td>4941</td>
<td>Privacy Extensions for Stateless Address Autoconfiguration in IPv6</td>
<td>T. Narten, R. Draves, S. Krishnan</td>
</tr>
<tr>
<td>5095</td>
<td>Deprecation of Type 0 Routing Headers in IPv6</td>
<td>J. Abley, P. Savola, G. Neville-Neil</td>
</tr>
</tbody>
</table>

**Internet drafts**

Internet drafts are working documents of the Internet Engineering Task Force (IETF), its areas, and its working groups. Other groups may also distribute working documents as Internet drafts. You can see Internet drafts at [http://www.ietf.org/ID.html](http://www.ietf.org/ID.html).

Several areas of IPv6 implementation include elements of the following Internet drafts and are subject to change during the RFC review process.
Appendix B. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in z/OS enable users to:

- Use assistive technologies such as screen readers and screen magnifier software
- Operate specific or equivalent features using only the keyboard
- Customize display attributes such as color, contrast, and font size

Using assistive technologies

Assistive technology products, such as screen readers, function with the user interfaces found in z/OS. Consult the assistive technology documentation for specific information when using such products to access z/OS interfaces.

Keyboard navigation of the user interface

Users can access z/OS user interfaces using TSO/E or ISPF. Refer to z/OS TSO/E Primer, z/OS TSO/E User’s Guide, and z/OS ISPF User’s Guide Vol I for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

z/OS information

z/OS information is accessible using screen readers with the BookServer/Library Server versions of z/OS books in the Internet library at www.ibm.com/systems/z/os/zos/zos/bkserv/
Notices

IBM may not offer all of the products, services, or features discussed in this document. Consult your local IBM representative for information on the products and services currently available in your area. Any reference to an IBM product, program, or service is not intended to state or imply that only that IBM product, program, or service may be used. Any functionally equivalent product, program, or service that does not infringe any IBM intellectual property right may be used instead. However, it is the user’s responsibility to evaluate and verify the operation of any non-IBM product, program, or service.

IBM may have patents or pending patent applications covering subject matter described in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY 10504-1785
U.S.A.

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation
Licensing
2-31 Roppongi 3-chome, Minato-ku
Tokyo 106, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law:

INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.
Licensees of this program who wish to have information about it for the purpose of enabling: (i) the exchange of information between independently created programs and other programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

Site Counsel  
IBM Corporation  
P.O. Box 12195  
3039 Cornwallis Road  
Research Triangle Park, North Carolina 27709-2195  
U.S.A

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

The licensed program described in this information and all licensed material available for it are provided by IBM under terms of the IBM Customer Agreement, IBM International Program License Agreement, or any equivalent agreement between us.

Any performance data contained herein was determined in a controlled environment. Therefore, the results obtained in other operating environments may vary significantly. Some measurements may have been made on development-level systems and there is no guarantee that these measurements will be the same on generally available systems. Furthermore, some measurement may have been estimated through extrapolation. Actual results may vary. Users of this document should verify the applicable data for their specific environment.

Information concerning non-IBM products was obtained from the suppliers of those products, their published announcements or other publicly available sources. IBM has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

All statements regarding IBM’s future direction or intent are subject to change or withdrawal without notice, and represent goals and objectives only.

All IBM prices shown are IBM’s suggested retail prices, are current and are subject to change without notice. Dealer prices may vary.

This information is for planning purposes only. The information herein is subject to change before the products described become available.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrates programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to IBM, for the purposes of developing, using, marketing or distributing application
programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. IBM, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. You may copy, modify, and distribute these sample programs in any form without payment to IBM for the purposes of developing, using, marketing, or distributing application programs conforming to IBM's application programming interfaces.

Each copy or any portion of these sample programs or any derivative work must include a copyright notice as follows:

© (your company name) (year). Portions of this code are derived from IBM Corp. Sample Programs. © Copyright IBM Corp. _enter the year or years_. All rights reserved.

IBM is required to include the following statements in order to distribute portions of this document and the software described herein to which contributions have been made by The University of California. Portions herein © Copyright 1979, 1980, 1983, 1986, Regents of the University of California. Reproduced by permission. Portions herein were developed at the Electrical Engineering and Computer Sciences Department at the Berkeley campus of the University of California under the auspices of the Regents of the University of California.

Portions of this publication relating to RPC are Copyright © Sun Microsystems, Inc., 1988, 1989.

Some portions of this publication relating to X Window System** are Copyright © 1987, 1988 by Digital Equipment Corporation, Maynard, Massachusetts, and the Massachusetts Institute Of Technology, Cambridge, Massachusetts. All Rights Reserved.

Some portions of this publication relating to X Window System are Copyright © 1986, 1987, 1988 by Hewlett-Packard Corporation.

Permission to use, copy, modify, and distribute the M.I.T., Digital Equipment Corporation, and Hewlett-Packard Corporation portions of this software and its documentation for any purpose without fee is hereby granted, provided that the above copyright notice appears in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the names of M.I.T., Digital, and Hewlett-Packard not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. M.I.T., Digital, and Hewlett-Packard make no representation about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.


Copyright © 1988, 1993 The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. All advertising materials mentioning features or use of this software must display the following acknowledgement:

   This product includes software developed by the University of California, Berkeley and its contributors.

4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software program contains code, and/or derivatives or modifications of code originating from the software program "Popper." Popper is Copyright ©1989-1991 The Regents of the University of California, All Rights Reserved. Popper was created by Austin Shelton, Information Systems and Technology, University of California, Berkeley.

Permission from the Regents of the University of California to use, copy, modify, and distribute the "Popper" software contained herein for any purpose, without fee, and without a written agreement is hereby granted, provided that the above copyright notice and this paragraph and the following two paragraphs appear in all copies. HOWEVER, ADDITIONAL PERMISSIONS MAY BE NECESSARY FROM OTHER PERSONS OR ENTITIES, TO USE DERIVATIVES OR MODIFICATIONS OF POPPER.

IN NO EVENT SHALL THE UNIVERSITY OF CALIFORNIA BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, ARISING OUT OF THE USE OF THE POPPER SOFTWARE, OR ITS DERIVATIVES OR MODIFICATIONS, AND ITS DOCUMENTATION, EVEN IF THE UNIVERSITY OF CALIFORNIA HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE UNIVERSITY OF CALIFORNIA SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE POPPER SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE UNIVERSITY OF CALIFORNIA HAS NO OBLIGATIONS TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

Copyright © 1983 The Regents of the University of California. All rights reserved.
Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Copyright © 1980, 1989, 1990, 1991, 1993 The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
   This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright © 1990 by the Massachusetts Institute of Technology

Export of this software from the United States of America may require a specific license from the United States Government. It is the responsibility of any person or organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of M.I.T. not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. Furthermore
if you modify this software you must label your software as modified software and
not distribute it in such a fashion that it might be confused with the original M.I.T.
software. M.I.T. makes no representations about the suitability of this software for
any purpose. It is provided "as is" without express or implied warranty.

Copyright © 1998 by the FundsXpress, INC. All rights reserved.

Export of this software from the United States of America may require a specific
license from the United States Government. It is the responsibility of any person or
organization contemplating export to obtain such a license before exporting.

WITHIN THAT CONSTRAINT, permission to use, copy, modify, and distribute this
software and its documentation for any purpose and without fee is hereby granted,
provided that the above copyright notice appear in all copies and that both that
copyright notice and this permission notice appear in supporting documentation,
and that the name of FundsXpress not be used in advertising or publicity
pertaining to distribution of the software without specific, written prior
permission. FundsXpress makes no representations about the suitability of this
software for any purpose. It is provided "as is" without express or implied
warranty.

THIS SOFTWARE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE.


Permission to use, copy, modify, and distribute this software for any purpose with
or without fee is hereby granted, provided that the above copyright notice and this
permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND INTERNET SOFTWARE
CONSORTIUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS
SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS. IN NO EVENT SHALL INTERNET SOFTWARE CONSORTIUM
BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL
DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF
USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT,
NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Copyright © 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com).
The implementation was written so as to conform with Netscape’s SSL.

This library is free for commercial and non-commercial use as long as the
following conditions are adhered to. The following conditions apply to all code
found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the
SSL code. The SSL documentation included with this distribution is covered by the
same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young’s, and as such any Copyright notices in the code are
not to be removed. If this package is used in a product, Eric Young should be
given attribution as the author of the parts of the library used. This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: "This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)". The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related.
4. If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include acknowledgement:
   "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The license and distribution terms for any publicly available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution license [including the GNU Public License.]

This product includes cryptographic software written by Eric Young.


Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND INTERNET SOFTWARE CONSORTIUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL INTERNET SOFTWARE CONSORTIUM BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
Copyright © 2004 IBM Corporation and its licensors, including Sendmail, Inc., and the Regents of the University of California. All rights reserved.

Copyright © 1999,2000,2001 Compaq Computer Corporation

Copyright © 1999,2000,2001 Hewlett-Packard Company

Copyright © 1999,2000,2001 IBM Corporation

Copyright © 1999,2000,2001 Hummingbird Communications Ltd.


Copyright © 1999,2000,2001 Sun Microsystems, Inc.

Copyright © 1999,2000,2001 The Open Group

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the “Software”), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

X Window System is a trademark of The Open Group.

If you are viewing this information softcopy, photographs and color illustrations may not appear.

You can obtain softcopy from the z/OS Collection (SK3T-4269), which contains BookManager and PDF formats.
Policy for unsupported hardware

Various z/OS elements, such as DFSMS, HCD, JES2, JES3, and MVS, contain code that supports specific hardware servers or devices. In some cases, this device-related element support remains in the product even after the hardware devices pass their announced End of Service date. z/OS may continue to service element code; however, it will not provide service related to unsupported hardware devices. Software problems related to these devices will not be accepted for service, and current service activity will cease if a problem is determined to be associated with out-of-support devices. In such cases, fixes will not be issued.

Trademarks

IBM, the IBM logo, and ibm.com are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies. A current list of IBM trademarks is available on the Web at Copyright and trademark information at www.ibm.com/legal/copytrade.shtml.

The following terms are trademarks of other companies:

Intel is a registered trademark of Intel Corporation or its subsidiaries in the United States and other countries.

Java and all Java-based trademarks and logos are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

PostScript is a registered trademark of Adobe Systems Incorporated in the United States, and/or other countries.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product, or service names may be trademarks or service marks of others.
Bibliography

This bibliography contains descriptions of the documents in the z/OS Communications Server library.

z/OS Communications Server documentation is available in the following forms:
- In softcopy on CD-ROM collections. See "Softcopy information" on page viii.

z/OS Communications Server library updates


z/OS Communications Server information

z/OS Communications Server product information is grouped by task in the following tables.

**Planning**

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>z/OS Communications Server: New Function Summary</td>
<td>GC31-8771</td>
<td>This document is intended to help you plan for new IP for SNA function, whether you are migrating from a previous version or installing z/OS for the first time. It summarizes what is new in the release and identifies the suggested and required modifications needed to use the enhanced functions.</td>
</tr>
<tr>
<td>z/OS Communications Server: IPv6 Network and Application Design Guide</td>
<td>SC31-8885</td>
<td>This document is a high-level introduction to IPv6. It describes concepts of z/OS Communications Server’s support of IPv6, coexistence with IPv4, and migration issues.</td>
</tr>
</tbody>
</table>

**Resource definition, configuration, and tuning**

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>z/OS Communications Server: IP Configuration Guide</td>
<td>SC31-8775</td>
<td>This document describes the major concepts involved in understanding and configuring an IP network. Familiarity with the z/OS operating system, IP protocols, z/OS UNIX System Services, and IBM Time Sharing Option (TSO) is recommended. Use this document in conjunction with the z/OS Communications Server: IP Configuration Reference.</td>
</tr>
</tbody>
</table>
### Title Number Description

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
</table>
| z/OS Communications Server: IP Configuration Reference               | SC31-8776  | This document presents information for people who want to administer and maintain IP. Use this document in conjunction with the z/OS Communications Server: IP Configuration Guide. The information in this document includes:  
  - TCP/IP configuration data sets  
  - Configuration statements  
  - Translation tables  
  - SMF records  
  - Protocol number and port assignments                                |
| z/OS Communications Server: SNA Network Implementation Guide          | SC31-8777  | This document presents the major concepts involved in implementing an SNA network. Use this document in conjunction with the z/OS Communications Server: SNA Resource Definition Reference. |
| z/OS Communications Server: SNA Resource Definition Reference        | SC31-8778  | This document describes each SNA definition statement, start option, and macroinstruction for user tables. It also describes NCP definition statements that affect SNA. Use this document in conjunction with the z/OS Communications Server: SNA Network Implementation Guide. |
| z/OS Communications Server: SNA Resource Definition Samples          | SC31-8836  | This document contains sample definitions to help you implement SNA functions in your networks, and includes sample major node definitions.          |
| z/OS Communications Server: IP Network Print Facility                | SC31-8833  | This document is for system programmers and network administrators who need to prepare their network to route SNA, JES2, or JES3 printer output to remote printers using TCP/IP Services. |

### Operation

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>z/OS Communications Server: IP User’s Guide and Commands</td>
<td>SC31-8780</td>
<td>This document describes how to use TCP/IP applications. It contains requests that allow a user to log on to a remote host using Telnet, transfer data sets using FTP, send and receive electronic mail, print on remote printers, and authenticate network users.</td>
</tr>
<tr>
<td>z/OS Communications Server: IP System Administrator’s Commands</td>
<td>SC31-8781</td>
<td>This document describes the functions and commands helpful in configuring or monitoring your system. It contains system administrator’s commands, such as TSO NETSTAT, PING, TRACERTE and their UNIX counterparts. It also includes TSO and MVS commands commonly used during the IP configuration process.</td>
</tr>
<tr>
<td>z/OS Communications Server: SNA Operation</td>
<td>SC31-8779</td>
<td>This document serves as a reference for programmers and operators requiring detailed information about specific operator commands.</td>
</tr>
<tr>
<td>z/OS Communications Server: Quick Reference</td>
<td>SX75-0124</td>
<td>This document contains essential information about SNA and IP commands.</td>
</tr>
</tbody>
</table>
## Customization

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
</table>
| z/OS Communications Server: SNA Customization | SC31-6854 | This document enables you to customize SNA, and includes the following:  
- Communication network management (CNM) routing table  
- Logon-interpret routine requirements  
- Logon manager installation-wide exit routine for the CLU search exit  
- TSO/SNA installation-wide exit routines  
- SNA installation-wide exit routines |

## Writing application programs

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>z/OS Communications Server: IP Sockets Application Programming Interface Guide and Reference</td>
<td>SC31-8788</td>
<td>This document describes the syntax and semantics of program source code necessary to write your own application programming interface (API) into TCP/IP. You can use this interface as the communication base for writing your own client or server application. You can also use this document to adapt your existing applications to communicate with each other using sockets over TCP/IP.</td>
</tr>
<tr>
<td>z/OS Communications Server: IP CICS Sockets Guide</td>
<td>SC31-8807</td>
<td>This document is for programmers who want to set up, write application programs for, and diagnose problems with the socket interface for CICS using z/OS TCP/IP.</td>
</tr>
<tr>
<td>z/OS Communications Server: IP IMS Sockets Guide</td>
<td>SC31-8830</td>
<td>This document is for programmers who want application programs that use the IMS TCP/IP application development services provided by IBM’s TCP/IP Services.</td>
</tr>
<tr>
<td>z/OS Communications Server: IP Programmer’s Guide and Reference</td>
<td>SC31-8787</td>
<td>This document describes the syntax and semantics of a set of high-level application functions that you can use to program your own applications in a TCP/IP environment. These functions provide support for application facilities, such as user authentication, distributed databases, distributed processing, network management, and device sharing. Familiarity with the z/OS operating system, TCP/IP protocols, and IBM Time Sharing Option (TSO) is recommended.</td>
</tr>
<tr>
<td>z/OS Communications Server: SNA Programming</td>
<td>SC31-8829</td>
<td>This document describes how to use SNA macroinstructions to send data to and receive data from (1) a terminal in either the same or a different domain, or (2) another application program in either the same or a different domain.</td>
</tr>
<tr>
<td>z/OS Communications Server: SNA Programmer’s LU 6.2 Guide</td>
<td>SC31-8811</td>
<td>This document describes how to use the SNA LU 6.2 application programming interface for host application programs. This document applies to programs that use only LU 6.2 sessions or that use LU 6.2 sessions along with other session types. (Only LU 6.2 sessions are covered in this document.)</td>
</tr>
<tr>
<td>z/OS Communications Server: SNA Programmer’s LU 6.2 Reference</td>
<td>SC31-8810</td>
<td>This document provides reference material for the SNA LU 6.2 programming interface for host application programs.</td>
</tr>
<tr>
<td>z/OS Communications Server: CSM Guide</td>
<td>SC31-8808</td>
<td>This document describes how applications use the communications storage manager.</td>
</tr>
</tbody>
</table>
### Diagnosis

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>z/OS Communications Server: IP Diagnosis Guide</td>
<td>GC31-8782</td>
<td>This document explains how to diagnose TCP/IP problems and how to determine whether a specific problem is in the TCP/IP product code. It explains how to gather information for and describe problems to the IBM Software Support Center.</td>
</tr>
<tr>
<td>z/OS Communications Server: ACF/TAP Trace Analysis Handbook</td>
<td>GC23-8588</td>
<td>This document explains how to gather the trace data that is collected and stored in the host processor. It also explains how to use the Advanced Communications Function/Trace Analysis Program (ACF/TAP) service aid to produce reports for analyzing the trace data information.</td>
</tr>
<tr>
<td>z/OS Communications Server: SNA Diagnosis Vol 1, Techniques and Procedures and z/OS Communications Server: SNA Diagnosis Vol 2, FFST Dumps and the VIT</td>
<td>GC31-6850, GC31-6851</td>
<td>These documents help you identify an SNA problem, classify it, and collect information about it before you call the IBM Support Center. The information collected includes traces, dumps, and other problem documentation.</td>
</tr>
<tr>
<td>z/OS Communications Server: SNA Data Areas Volume 1 and z/OS Communications Server: SNA Data Areas Volume 2</td>
<td>GC31-6852, GC31-6853</td>
<td>These documents describe SNA data areas and can be used to read an SNA dump. They are intended for IBM programming service representatives and customer personnel who are diagnosing problems with SNA.</td>
</tr>
</tbody>
</table>

### Messages and codes

<table>
<thead>
<tr>
<th>Title</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
</table>
| z/OS Communications Server: SNA Messages                             | SC31-8790    | This document describes the ELM, IKT, IST, IUT, IVT, and USS messages. Other information in this document includes:  
  • Command and RU types in SNA messages  
  • Node and ID types in SNA messages  
  • Supplemental message-related information |
| z/OS Communications Server: IP Messages Volume 1 (EZA)              | SC31-8783    | This volume contains TCP/IP messages beginning with EZA.                                                                                     |
| z/OS Communications Server: IP Messages Volume 2 (EZB, EZD)         | SC31-8784    | This volume contains TCP/IP messages beginning with EZB or EZD.                                                                               |
| z/OS Communications Server: IP Messages Volume 3 (EZY)              | SC31-8785    | This volume contains TCP/IP messages beginning with EZY.                                                                                     |
| z/OS Communications Server: IP Messages Volume 4 (EZZ, SNM)         | SC31-8786    | This volume contains TCP/IP messages beginning with EZZ and SNM.                                                                             |
| z/OS Communications Server: IP and SNA Codes                        | SC31-8791    | This document describes codes and other information that appear in z/OS Communications Server messages.                                       |
Communicating Your Comments to IBM

If you especially like or dislike anything about this document, please use one of the methods listed below to send your comments to IBM. Whichever method you choose, make sure you send your name, address, and telephone number if you would like a reply.

Feel free to comment on specific errors or omissions, accuracy, organization, subject matter, or completeness of this document. However, the comments you send should pertain to only the information in this manual and the way in which the information is presented. To request additional publications, or to ask questions or make comments about the functions of IBM products or systems, you should talk to your IBM representative or to your IBM authorized remarketer.

When you send comments to IBM, you grant IBM a nonexclusive right to use or distribute your comments in any way it believes appropriate without incurring any obligation to you.

Please send your comments to us in either of the following ways:

- If you prefer to send comments by FAX, use this number: 1+919-254-1258
- If you prefer to send comments electronically, use this address: comsvrcf@us.ibm.com
- If you prefer to send comments by post, use this address:
  International Business Machines Corporation
  Attn: z/OS Communications Server Information Development
  P.O. Box 12195, 3039 Cornwallis Road
  Department AKCA, Building 501
  Research Triangle Park, North Carolina 27709-2195

Make sure to include the following in your note:

- Title and publication number of this document
- Page number or topic to which your comment applies.
Spine information: