

# Open ClientConnect and Open ServerConnect Messages and Codes

Open Client/Server Release 4.0  
Document ID: 36450-01-0400-01  
Last Revised: April 30, 1998

Document ID: 36450-01-0400

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# About This Book

The *Open ClientConnect and Open ServerConnect Messages and Codes* guide, hereafter referred to as *OCC/OSC Messages and Codes*, provides details about messages returned by Open ServerConnect™, Mainframe Client Connect (used with Open ClientConnect), and Open ClientConnect™.

This chapter contains the following topics:

- Who Should Read This Book ix
- Organization of This Book ix
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- Conventions Used in This Book xii
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## Who Should Read This Book

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This book is intended for users of Enterprise Connect mainframe access products, specifically for Open ClientConnect and Open ServerConnect.

## Organization of This Book

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*OCC/OSC Messages and Codes* is organized to help you locate messages and codes returned by Open ClientConnect, Mainframe ClientConnect, and Open ServerConnect.

Chapter	Contents
Chapter 1, "Introduction"	General information about the mainframe access products and the messages those products can return.
Chapter 2, "Messages"	This chapter lists the messages returned by Open ServerConnect, Mainframe ClientConnect (MCC), and the Open ClientConnect Gateway Control Transaction. The messages appear in numerical order. The probable cause and a likely course of action are listed for each message.

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<b>Chapter</b>	<b>Contents</b>
Chapter 3, “Open ClientConnect Client-Library Messages”	Open ClientConnect Client-Library messages. The messages are listed in numerical order. The probable cause and a likely course of action are listed for each message.
Appendix A, “Return Codes”	Return codes that can be passed back to functions by Gateway-Library. This appendix is duplicated from the <i>Open ServerConnect Programmer’s Reference</i> .
Appendix B, “Standard Communications Error Subcodes”	Standard communications error subcodes that can be returned to TDACCEPT and TDSTATUS.

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## Related Documents

The following table lists the publications to be used with each mainframe access product.

**Table 0-1: Sybase documentation for Enterprise Connect Products**

If You Have This Product	Use These Sybase Publications
Open ServerCONNECT	<p><i>Open ServerConnect Programmer's Reference</i> (a separate manual for each supported language)</p> <p><i>Open ServerConnect Installation and Administration</i> (for your mainframe system and network protocol)</p> <p><i>Open ServerConnect Remote Stored Procedure Programmer's Guide</i> (also used with MainframeConnect for DB2/MVS-CICS)</p> <p><i>Open ClientCONNECT and Open ServerCONNECT Messages and Codes</i></p>
Open ClientCONNECT	<p><i>Open ClientConnect Programmer's Reference</i> (a separate manual for each supported language)</p> <p><i>Open ClientConnect Installation and Administration</i></p> <p><i>Open ClientConnect Client Services Application Programmer's Guide</i> (also used with MainframeConnect for DB2/MVS-CICS)</p> <p><i>Open ClientCONNECT and Open ServerCONNECT Messages and Codes</i></p>
DirectConnect	<p><i>DirectConnect Server Administration Guide</i></p> <p><i>DirectConnect for DB2/MVS Installation Guide</i> (for your platform)</p> <p><i>DirectCONNECT for DB2/MVS Connectivity Guide</i> (for your platform)</p> <p><i>DirectConnect Transaction Router Service Guide</i></p> <p><i>DirectConnect for DB2/MVS Access Service Guide</i> (for use with MainframeConnect for DB2/MVS-CICS)</p> <p><i>Open ClientCONNECT and Open ServerCONNECT Messages and Codes</i></p>

Table 0-1: Sybase documentation for Enterprise Connect Products (continued)

If You Have This Product	Use These Sybase Publications
Net-Gateway, which consists of two parts:	<i>Net-Gateway Installing and Getting Started</i> (for your platform)
• Mainframe Service Gateway	<i>Net-Gateway Administration</i>
• Mainframe Client Gateway	<i>Sybase Tools Installation Guide</i> (For your platform. This manual is not supplied with all platforms. Check with your sales representative to determine whether you need this book for your Net-Gateway platform.)
	<i>Open ClientConnect and Open ServerConnect Messages and Codes</i> (for Enterprise Connect Mainframe Access Products release 3.0.x and later)
OmniSQL Access Module for DB2	<i>OmniSQL Access Module Client Guide for DB2</i>
	<i>OmniSQL Access Module Installation and Administration</i> (for your mainframe system and network protocol)
	<i>Open ClientConnect and Open ServerConnect Messages and Codes</i> (for Enterprise Connect Mainframe Access Product release 3.0.x and later)

## Conventions Used in This Book

The following sections describe syntax and style conventions used in this book.

### Syntax Conventions

Syntax statements that display options for a command look like this:

```
COMMAND [object_name, [ {TRUE | FALSE} ] ]
```

The following table explains the syntax conventions used in this guide.

Table 1: Syntax conventions

Symbol	Convention
()	Include parentheses as part of the command.
{ }	Braces indicate that you must choose at least one of the enclosed options. Do not type the braces when you type the option.

**Table 1: Syntax conventions (continued)**

Symbol	Convention
[ ]	Brackets indicate that you can choose one or more of the enclosed options, or none. Do not type the brackets when you type the options.
	The vertical bar indicates that you can select only one of the options shown. Do not type the bar in your command.
,	The comma indicates that you can choose one or more of the options shown. Separate each choice by using a comma as part of the command.

### Style Conventions

We use the following style conventions in this guide:

- The names of files and directories are shown as:  
*ecconnect \ServerName \CFG*
- The names of programs, utilities, procedures, and commands are shown as:  
`snrfck`
- The names of properties are shown as:  
*Allocate*
- The names of options are shown as:  
`connect`
- Code examples and text on screen are shown as:  
`this font`
- In a sample command line display, commands you should enter are shown as:  
**this font**
- In a sample command line display, variables (words you should replace with the appropriate value for your system) are shown as:  
*this font*

### How to Get Help Using Sybase Products

Each Sybase installation that has purchased a support contract has one or more designated people who are authorized to contact Sybase

**Technical Support.** If you cannot resolve a problem using the manuals or online help, please have the designated person contact Sybase Technical Support or the Sybase subsidiary in your area.

If you need help using a Sybase product, the following resources are available:

- Sybase Technical Support
- Sybase Professional Services

### **Sybase Technical Support**

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Sybase Technical Support provides various forms of customer assistance, including the following services:

- Identifying problems.
- Offering a fix, if available.
- Documenting software problems and enhancement suggestions in our customer support database.
- Communicating status information on open problems.
- Sharing information on new products or releases of existing products.

In addition, Sybase system engineers are available for technical assistance in various geographical territories.

The following subsections explain how to contact Sybase Technical Support and how to send log and trace files, if necessary.

### **Contacting Sybase Technical Support**

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You can contact Sybase Technical Support by phone or electronic mail (e-mail). Before you contact Sybase Technical Support, complete these steps:

1. Thoroughly review the documentation, especially all troubleshooting sections.
2. Be prepared to generate a trace, if requested to do so by Technical Support.

### **Contacting by Phone**

You can reach Sybase Technical Support by calling **(800) 8SYBASE**. Hours are 5:00 AM to 6:30 PM, Monday through Friday, Mountain Standard or Daylight Savings Time (MST or MDT), except holidays.

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**► Note**

Outside the continental United States and Canada, obtain the correct telephone numbers from your sales representative and record them here for future reference:\_\_\_\_\_.

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**Contacting by E-Mail**

Send an e-mail to Sybase Technical Support in the following circumstances:

- If you have a general question that is not urgent, for instance, a question about configuration planning.
- If you need help with a product outside of the working hours of Sybase Technical Support, you can send an e-mail to be received as soon as personnel become available.

Use this address to send e-mail to Sybase Technical Support:

`icdtech@sybase.com`

**Sending Log and Trace Files to Sybase Technical Support**

You can send log and trace files or other documents to Sybase Technical Support using the Sybase file transfer protocol or the Bulletin Board Service.

**Using File Transfer Protocol (ftp)**

1. Save your trace output as an ASCII file.
2. In the directory where the file resides, type `ftp` at the command line.
3. When prompted, provide the following information:
  - Sybase server = `ftp.sybase.com`
  - ID = `anonymous`
  - Password = *your e-mail address*
4. Type:  
`cd /pub/incoming/wcss`
5. To change to binary mode, type:  
`bin`
6. Place one or more files into the directory.

- To place one file in the directory, type:

```
put filename
```

- To place multiple files in the directory, type

```
mput filename filename filename
```

When prompted, type Y and press Enter to transfer each file.

7. Notify Sybase Technical Support of the **exact** name of the file(s) you sent to the server. (Remember that the UNIX system is case-sensitive.)

#### Using the Bulletin Board Service (BBS)

To send log and trace files to Sybase Technical Support or to receive software fixes using the BBS:

1. Call (303) 413-4285.
2. Use parameters 8-1-N and a baud rate of 300-14400.

#### Sybase Professional Services

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Sybase Professional Services offers onsite consulting and training programs to help you maximize the benefits of our products. For more information, call (303) 486-7700.

► **Note**

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Outside the continental United States and Canada, obtain the correct telephone numbers from your sales representative and record them here for future reference: \_\_\_\_\_.

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#### Other Sources of Information

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Other sources of information include:

- Online documentation
- Sybase certifications and Emergency Bug Fixes (EBFs) on the Web
- Sybase OpenLine and PrivateLine on Compuserve
- Fax-on-Demand



## Online Documentation

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Use the Sybase Technical Library CD and the Technical Library Web site to learn more about your product:

- Technical Library CD contains product manuals and technical documents and is included with your software. The DynaText browser (included on the Technical Library CD) allows you to access technical information about your product in an easy-to-use format.

Refer to the *Technical Library Installation Guide* in your documentation package for instructions on installing and starting Technical Library.

- Technical Library Web site is an HTML version of the Technical Library CD that you can access using a standard Web browser.

To use the Technical Library Web site, go to [www.sybase.com](http://www.sybase.com) and choose Documentation, choose Technical Library, then choose Product Manuals.

## Sybase Certifications on the Web

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Technical documentation at the Sybase Web site is updated frequently.

**For the latest information on product certifications and/or the EBF Rollups:**

1. Point your Web browser to Technical Documents at the following Web site:  
[techinfo.sybase.com](http://techinfo.sybase.com)
2. In the Browse section, click on the Hot entry.
3. Explore your area of interest: Hot Docs covering various topics, or Hot Links to Technical News, Certification Reports, Partner Certifications, and so on.

**If you are a registered SupportPlus user:**

1. Point your Web browser to Technical Documents at the following Web site:  
[techinfo.sybase.com](http://techinfo.sybase.com)
2. In the Browse section, click on the Hot entry.
3. Click on the EBF Rollups entry.

You can research EBFs using Technical Documents, and you can download EBFs using Electronic Software Distribution (ESD).

4. Follow the instructions associated with the *SupportPlus*<sup>SM</sup> Online Services entries.

**If you are not a registered *SupportPlus* user, and you want to become one:**

You can register by following the instructions on the Web.

To use *SupportPlus*, you need:

- A Web browser that supports the Secure Sockets Layer (SSL), such as Netscape Navigator 1.2 or later
- An active support license
- A named technical support contact
- Your user ID and password

**Whether or not you are a registered *SupportPlus* user:**

You may use Sybase's Technical Documents. Certification Reports are among the features documented at this site.

1. Point your Web browser to Technical Documents at the following Web site:  
techinfo.sybase.com
2. In the Browse section, click on the Hot entry.
3. Click on the topic that interests you.

### **Sybase OpenLine and PrivateLine on CompuServe**

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Sybase OpenLine and PrivateLine are the Sybase Technical Support question and answer forums on CompuServe. To access Sybase OpenLine:

1. Connect to CompuServe using the normal procedures for your site.
2. At any menu prompt, type:  
`go sybase`

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### Fax-on-Demand

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Use Fax-on-Demand to receive Certification Reports, Release Summaries, Sample Programs, Technical News Letters (TNL), and Technical White Papers.

To use Fax-on-Demand:

1. Call (800) 423-8737. Outside the United States and Canada, call (303) 575-6132.
2. Choose option 2 and follow the recorded instructions.

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### If You Have Questions About This Book

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To order additional copies of DirectConnect documentation, see “Document Orders” on the disclaimer page following the title page.

If you have questions, comments, or suggestions about DirectConnect documentation, contact the Sybase documentation group directly by electronic mail at:

`icd_doc@sybase.com`

Feel free to forward any information, comments, or questions about:

- Missing, incorrect, or unclear information
- Information you found particularly useful
- Organization or style

We will respond as promptly as possible by electronic mail. Your feedback helps us provide more accurate, detailed, and easy-to-use documentation.

► **Note**

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Please send comments about product features, functionality, or problems to your system engineer or Sybase Technical Support.

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To order additional copies of Mainframe Access Products documentation, see “Document Orders” on the disclaimer page following the title page.



# 1

## Introduction

This book describes the messages and codes that are returned by the Open ServerConnect and Open ClientConnect programs and related products. For each message, a probable cause and suggested course of action is provided.

Messages returned by the following programs and products are included:

- Open ServerConnect
  - Gateway-Library
- Open ClientConnect
  - Client-Library
  - Connection Router
  - Gateway Control Transaction
- Mainframe Client Connect

Messages you can receive from other Sybase products that are part of the network setup are covered in the *DirectConnect Error Message Guide*. For information on MainframeConnect messages, refer to the *MainframeConnect for DB2/MVS CICS Installation and Administration Guide*.

### About Open ServerConnect Messages

---

Open ServerConnect messages fall into the following categories:

- Errors in the client request
- Messages generated by customer-written host transactions
- Messages returned from the mainframe database

Some of these messages apply only to the mainframe transaction and are important only to the mainframe programmer. Others apply to Transaction Router Service and the client's request.

Open ServerConnect reports messages for the mainframe application to the client using the Gateway-Library function TDSNDMSG.

### TDSNDMSG Parameters

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The TDSNDMSG function uses the following parameters to return error information:

- *MESSAGE\_TYPE* – Message type indicator. Indicates whether the message is an informational or error message.
- *MESSAGE\_NUMBER* – The number that identifies the message.
- *SEVERITY* – The severity level of the error. These levels correspond to SQL Server severity levels.
  - 01 - 10 Status information
  - 11 - 16 Client application errors
  - 17 - 18 Non-fatal software or hardware errors
  - 19 - 24 Fatal system errors
- *ERROR\_STATE* – This number provides additional information about the context of the error for Sybase Technical Support.
- *LINE\_ID* – The identifier that marks the line number or area of the client program where the error was detected.
- *TRANSACTION\_NAME* – The name of the currently executing transaction.
- *TRANSACTION\_NAME\_LENGTH* – The length of the *TRANSACTION\_NAME* parameter.
- *MESSAGE\_TEXT* – The text of the message.
- *MESSAGE\_LENGTH* – The length of the *MESSAGE\_TEXT* parameter.

### Gateway-Library Return Codes

---

Gateway-Library return codes are passed back to functions by Gateway Library, indicating the result of the function's execution. For more information about Gateway-Library functions, see the *Open ServerConnect Programmer's Reference (language specific)* for your programming language. For your convenience, the Gateway-Library return codes are repeated in Appendix A, "Return Codes," in this manual.

## About Open ClientConnect Messages

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Open ClientConnect returns two types of error messages:

- Server error messages that are returned from SQL Server, Open Server, or MainframeConnect for DB2. Server error messages are retrieved with the CTBDIAG function call using a SERVERMSG structure.
- Client error messages that are internally generated by Client-Library when it detects an error locally. Client error messages are retrieved with the CTBDIAG function call using a CLIENTMSG structure.





# 2

## Messages

This chapter lists the messages returned by Open ServerConnect, Mainframe ClientConnect (MCC), and the Open ClientConnect Gateway Control Transaction. Open ClientConnect Client-Library messages are listed in Chapter 3, “Open ClientConnect Client-Library Messages.”

This chapter includes the following topics:

- Message Format and Text 2-1
- Gateway Control Transaction Message Description 2-2
- DirectConnect Message Description 2-3
- Messages 2-3
- CSA and RSP Error Messages 2-4
- Gateway Control Transaction Messages 2-12
- Open Server Messages 2-17
- Transaction Router Service and Mainframe Server Gateway Messages 2-21
- Mainframe ClientConnect Messages 2-43
- Connection Router Messages 2-52

If the action recommended for an error in this chapter does not correct the problem, do one of the following:

- If you have a programming or code related problem, run debugging tools, such as XPEDITER or INTERTEST for additional information about the error.
- If you have a network problem, re-run the failing situation with SNA tracing for SDLC or Token-Ring.
- Contact Sybase Technical Support.

### Message Format and Text

---

The following describes the message format, terms used in the messages, and the variables used in the message text.

## Message Format

---

This chapter describes the messages in the format:

- **Message Number:** a numeric indicator for the message
- The **Text** of the message
- **Explanation:** the probable cause of the error
- **Action:** recommended approach for resolving the error

► **Note**

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Connection Router messages do not use message numbers and are listed alphabetically in the section “Connection Router Messages” on page 2-52.

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In some cases, the message text uses different terms to refer to the products:

This Abbreviation	Stands For
ct_lib	Client-Library
ct_xxxxx or CTBXXXX	A Client-Library function
GCT	Gateway Control Transaction
GWLib	Gateway-Library
MCC	Mainframe Client Connect
tdxxxxx or TDXXXX	A Gateway-Library function

## Variables in Message Text

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Mainframe Client Connect error messages use the following conventions:

- *%d* represents a decimal number.
- *%x* represents a hexadecimal code.
- *%s*, *%1!*, *%2!*, *%3!* and *%4!* each represent a string (for instance, the LU name, the transaction name, an SNA error message, and so on).

## Gateway Control Transaction Message Description

---

The Gateway Control Program provides an interface system administrators can use to monitor and administer activity and security. It can be run from a DirectConnect UNIX workstation, from a client workstation, and from the mainframe (Open ClientConnect

customers only). When run from the mainframe, it is called the Gateway Control Transaction.

Most Gateway Control messages are returned to all Gateway Control users. A few messages are specific to the mainframe; others are specific to UNIX workstations using the APT interface. The Gateway Control Program is not available on non-UNIX LAN platforms.

All Gateway Control messages are documented in this chapter.

## DirectConnect Message Description

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DirectConnect returns several types of messages:

- Mainframe Client Connect messages, used with Open ClientCONNECT.
- Gateway Control messages.
- Vendor-specific messages. These messages refer to the SNA support program of the platform on which DirectConnect is currently running

## Messages

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The following messages generated by the mainframe access products are listed in numerical order.

## CSA and RSP Error Messages

Table 2-1 describes CSA and RSP Programming Error Messages.

Table 2-1: CSA and RSP programming error messages

Number	Text and Explanation - 001 through 085
001	TDINIT failed. <b>Explanation:</b> The RPC issued an RPSETUP command and the TDINIT failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.
002	TDACCEPT failed. <b>Explanation:</b> The RPC issued an RPSETUP command and the TDACCEPT failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.
003	TDRESULT failed. <b>Explanation:</b> The RPC issued an RPSETUP command and the TDRESULT failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.
004	TDSNDDON(TDS_DONE_FINAL) failed. <b>Explanation:</b> The RPC issued an RPDONE command and the TDSNDDON failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> or the <i>Open ServerConnect Programmer's Reference for Remote Stored Procedures</i> for possible causes.
005	TDFREE failed. <b>Explanation:</b> The RPC issued an TDRESULT command and the TDFREE failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> or the <i>Open ServerConnect Programmer's Reference for Remote Stored Procedures</i> for possible causes.
006	CSBCTXALLOC failed. <b>Explanation:</b> The CSA issued an ATTACH command and the CSBCTXALLOC failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> or the <i>Open ClientConnect Programmer's Reference for Client Services Applications</i> for possible causes.
007	CTBINIT failed. <b>Explanation:</b> The CSA issued an ATTACH command and the CTBINIT failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
008	CTBCONALLOC failed. <b>Explanation:</b> The CSA issued an ATTACH command and the CTBCONALLOC failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.

Table 2-1: CSA and RSP programming error messages (continued)

Number	Text and Explanation - 001 through 085
009	CTBDIAG(CS_INIT) failed. <b>Explanation:</b> The CSA issued an ATTACH command and the CTBDIAG failed initializing message handling. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
010	error allocating message buffer. <b>Explanation:</b> The CSA issued an ATTACH command, and the support routines were unable to allocate memory for the message buffer. <b>Action:</b> Check your CICS region log to find the solutions.
011	CTBCONPROPS(CS_USERNAM) failed. <b>Explanation:</b> The CSA issued an ATTACH command, and the CTBCONPROPS failed to set the USERID in the connection properties. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
012	CTBCONPROPS(CS_PASSWORD) failed <b>Explanation:</b> The CSA issued an ATTACH command, and the CTBCONPROPS failed to set the PASSWORD in the connection properties. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
014	CTBCMDDROP failed. <b>Explanation:</b> The CSA issued a DETACH command and the CTBCMDDROP failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
015	CTBCLOSE failed. <b>Explanation:</b> The CSA issued a DETACH command and the CTBCCLOSE failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
016	CTBCONDROP failed. <b>Explanation:</b> The CSA issued a DETACH command and the CTBCONDROP failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
017	CTBEXIT failed. <b>Explanation:</b> The CSA issued a DETACH command and the CTBEXIT failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
019	CTBCMDALLOC failed. <b>Explanation:</b> The CSA issued an REQEXEC command and the CTBCMDALLOC failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.

Table 2-1: CSA and RSP programming error messages (continued)

Number	Text and Explanation - 001 through 085
020	CTBCOMMAND failed. <b>Explanation:</b> The CSA issued an REQEXEC command and the CTBCOMMAND failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
021	CTBSEND failed. <b>Explanation:</b> The CSA issued an REQEXEC command and the CTBSEND failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
022	output pipe not allowed for a CSA. <b>Explanation:</b> The CSA issued an OPENPIPE command for an output pipe. <b>Action:</b> Review your code and correct it. Output pipes are not permitted for CSAs.
025	CTBFETCH CS_ROW_FAIL (CSA). <b>Explanation:</b> The CSA issued a GETPIPE command and the CTBFETCH failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
027	PUTPIPE not allowed for CSA. <b>Explanation:</b> The CSA issued a PUTPIPE command. <b>Action:</b> Review your code and correct it. PUTPIPE, a form of output pipe, is not permitted for CSAs.
029	CTBDIAG(CS_GET) failed. <b>Explanation:</b> The CSA issued a GETMSG command, and the CTBDIAG failed to get the messages. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible reasons.
030	TDSNDMSG failed. <b>Explanation:</b> The RPC issued a STATUS command and the TDSNDMSG failed to send the message to the client. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible reasons.
031	TDSNDDON(TDS_DONE_CONTINUE) failed. <b>Explanation:</b> The RPC issued a STATUS command and the TDSNDDON failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.
032	TDSNDMSG failed. <b>Explanation:</b> The RPC issued a MESSAGE command and the TDSNDMSG failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.

Table 2-1: CSA and RSP programming error messages (continued)

Number	Text and Explanation - 001 through 085
033	unable to allocate memory for SPAREA. <b>Explanation:</b> The CSA or RSP issued a CSSETUP or RPSETUP command and the subsystem was unable to allocate memory for the SPAREA. <b>Action:</b> Check your CICS region log to find the causes.
034	CTBRESULTS command failed. <b>Explanation:</b> The CSA issued a REQEXEC or RESCHECK command and the previous command failed. <b>Action:</b> No action is required.
035	CTBCMDDROP failed. <b>Explanation:</b> The CSA issued a REQEXEC or RESCHECK command and CTBCMDDROP failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
036	CTBRESULTS command failed. <b>Explanation:</b> The CSA issued a REQEXEC or RESCHECK command and CTBRESULTS failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
037	CTBDIAG(CS_STATUS) failed. <b>Explanation:</b> The CSA issued a REQEXEC or RESCHECK command, and CTBDIAG failed to retrieve the message status. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
038	CTBDIAG(CS_CLEAR) failed. <b>Explanation:</b> The CSA issued a REQEXEC or RESCHECK command and CTBDIAG failed to clear a message. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
040	CTBRESINFO(CS_NUMDATA) failed. <b>Explanation:</b> The CSA issued an OPENPIPE command and CTBRESINFO failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.
041	unable to allocate memory. <b>Explanation:</b> The CSA issued an OPENPIPE command, and Open ServerConnect was unable to allocate the required memory in the CICS sub-system. <b>Action:</b> Check your CICS region log to find the causes.

Table 2-1: CSA and RSP programming error messages (continued)

Number	Text and Explanation - 001 through 085
042	unable to allocate memory. <b>Explanation:</b> The CSA issued an OPENPIPE command, and Open ServerConnect was unable to allocate the required memory in the CICS sub-system. <b>Action:</b> Check your CICS region log to find the causes.
045	unable to allocate memory. <b>Explanation:</b> The RSP issued an OPENPIPE command for a DB2 output pipe, and Open ServerConnect was unable to allocate the required memory in the CICS sub-system. <b>Action:</b> Check your CICS region log to find the causes.
046	unable to allocate memory. <b>Explanation:</b> The RSP issued an OPENPIPE command for a DB2 output pipe, and Open ServerConnect was unable to allocate the required memory in the CICS sub-system. <b>Action:</b> Check your CICS region log to find the causes.
047	TDESCRIB failed. <b>Explanation:</b> The RSP issued an OPENPIPE command and TDESCRIB failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.
048	TDSETUDT failed. <b>Explanation:</b> The RSP issued an OPENPIPE command and TDSETUDT failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible reasons.
049	unable to allocate memory. <b>Explanation:</b> The RSP issued an OPENPIPE command for a STD output pipe, and Open ServerConnect was unable to allocate the required memory from the CICS subsystem. <b>Action:</b> Check your CICS region log to find the causes.
050	TDESCRIB failed. <b>Explanation:</b> The RSP issued an OPENPIPE command for a STD output pipe and TDESCRIB failed. <b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.
051	CICS READQ failed. <b>Explanation:</b> The RSP issued a GETPIPE and the CICS READQ failed. <b>Action:</b> Check your CICS system logs.
052	CTBDESCRIBE failed. <b>Explanation:</b> The CSA issued an OPENPIPE command and CTBDESCRIBE failed. <b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference</i> for possible causes.



Table 2-1: CSA and RSP programming error messages (continued)

Number	Text and Explanation - 001 through 085
053	<p>invalid data type.</p> <p><b>Explanation:</b> The CSA issued an OPENPIPE command, and CTBDESCRIBE returned an invalid data type.</p> <p><b>Action:</b> List valid data types to identify the invalid one.</p>
054	<p>unable to allocate memory.</p> <p><b>Explanation:</b> The CSA issued an OPENPIPE command, and Open ServerConnect was unable to allocate the required memory in the CICS subsystem.</p> <p><b>Action:</b> Check your CICS region log to find the causes.</p>
055	<p>CTBBIND failed.</p> <p><b>Explanation:</b> The CSA issued an OPENPIPE command and CTBBIND failed.</p> <p><b>Action:</b> Refer to the <i>Open ClientConnect Programmer's Reference for Client Services Applications</i> for possible causes.</p>
056	<p>TDSNDROW failed.</p> <p><b>Explanation:</b> The RSP issued a PUTPIPE command for a STD pipe and TDSNDROW failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference for Remote Stored Procedures</i> for possible causes.</p>
057	<p>TDSNDROW failed.</p> <p><b>Explanation:</b> The RSP issued a PUTPIPE command for a DB2 pipe and TDSNDROW failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference for Remote Stored Procedures</i> for possible causes.</p>
058	<p>TDSNDDON(TDS_DONE_CONTINUE) failed.</p> <p><b>Explanation:</b> The RSP issued a CLOSPPIPE command and TDSNDDON (TDS_DONE_CONTINUE) failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.</p>
059	<p>TDSTATUS failed.</p> <p><b>Explanation:</b> The RPC issued a command and TDSTATUS failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.</p>
060	<p>TDCANCEL failed.</p> <p><b>Explanation:</b> The RPC issued a command and TDCANCEL failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.</p>
061	<p>TDNUMPRM failed.</p> <p><b>Explanation:</b> The RPC issued an RPSETUP command and TDNUMPRM failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.</p>

Table 2-1: CSA and RSP programming error messages (continued)

Number	Text and Explanation - 001 through 085
062	<p>TDINFPRM failed.</p> <p><b>Explanation:</b> The RPC issued an RPSETUP command and TDINFPRM failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible causes.</p>
063	<p>invalid parm type, must be character.</p> <p><b>Explanation:</b> The RSP was invoked with parameters that are not of type character.</p> <p><b>Action:</b> You invoked the RSP with an invalid parameter. Correct the syntax error.</p>
064	<p>unable to allocate memory.</p> <p><b>Explanation:</b> The RSP issued an RPSETUP command, and Open Server is unable to allocate the necessary memory from CICS.</p> <p><b>Action:</b> Check your CICS region log to find the causes.</p>
065	<p>unable to allocate memory.</p> <p><b>Explanation:</b> The RSP issued an RPSETUP command, and Open Server is unable to allocate the necessary memory from CICS.</p> <p><b>Action:</b> Check your CICS region log to find the causes.</p>
066	<p>TDRCVPRM failed.</p> <p><b>Explanation:</b> The RPC issued an RPSETUP command and TDRCVPRM failed.</p> <p><b>Action:</b> Refer to the <i>Open ServerConnect Programmer's Reference</i> for possible reasons.</p>
072	<p>invalid pipe format specified.</p> <p><b>Explanation:</b> The RSP attempted to open a pipe, but specified an invalid pipe format.</p> <p><b>Action:</b> Review your code and correct it. Valid specifications for SPFORMAT are STD, DB2, BIN, and MIX.</p>
073	<p>invalid pipe mode specified.</p> <p><b>Explanation:</b> The RSP attempted to open a pipe, but specified an invalid pipe mode.</p> <p><b>Action:</b> Review your code and correct it. Valid specifications for SPMODE are INPUT and OUTPUT.</p>
074	<p>Valid SQLDA not found.</p> <p><b>Explanation:</b> The RSP attempted to open a DB2 format output pipe, but was not supplied a valid SQLDA.</p> <p><b>Action:</b> Review your code and correct it. This error can occur either if the field SPSQLDA has not been set, or the address in the SPSQLDA does not point to a valid SQLDA. The SQLDA field SQLDAID must contain the eye-catcher SQLDA.</p>

Table 2-1: CSA and RSP programming error messages (continued)

Number	Text and Explanation - 001 through 085
075	<p>Pipe not open for output/input.</p> <p><b>Explanation:</b> The RSP or CSA is attempting to read or write to the pipe, but the pipe is not open.</p> <p><b>Action:</b> Review your code and correct it.</p>
076	<p>invalid status issued.</p> <p><b>Explanation:</b> The RSP issued a STATUS command, but specified an invalid value for SPSTATUS.</p> <p><b>Action:</b> Review your code and correct it. Valid specifications for SPSTATUS are OK, E, and W.</p>
078	<p>Pipe already open for output/input.</p> <p><b>Explanation:</b> The RSP or CSA attempted to open a pipe, but the pipe is already open.</p> <p><b>Action:</b> Review your code and correct it.</p>
082	<p>sql buffer address not specified.</p> <p><b>Explanation:</b> The CSA issued a REQEXEC command, but did not supply the address of a buffer containing the SQL statements.</p> <p><b>Action:</b> Review your code and correct it.</p>
083	<p>no results pending.</p> <p><b>Explanation:</b> The CSA issued an OPENPIPE command, but result data is not available.</p> <p><b>Action:</b> No action is required.</p>
085	<p>ct_connect failed - unable to allocate conversation.</p> <p><b>Explanation:</b> The CSA issued an ATTACH command, but the access module was unable to allocate a session/conversation to the partner specified by the server (attachment) name.</p> <p><b>Action:</b> Check to see if the connection is active in CICS, VTAM, and/or SNA communications software. Ensure that Mainframe Client Connect is installed and operational. Also, ensure that the Open Client Router/Server table is loaded in the CICS region. Refer to the <i>Open Client Connect Installation and Administration for IBM CICS/MVS</i> guide.</p>

## Gateway Control Transaction Messages

Gateway Control Transaction Messages are listed in Table 2-2.

► **Note**

You will find more information about the following errors in your CICS region system log.

Table 2-2: Gateway control transaction messages

Number	Text and Explanation - 32002 through 33135
32002	<p>cs/ct_lib error.</p> <p><b>Explanation:</b> The Gateway Control Transaction encountered an error while executing a Client-Library function; CTBDIAG could not be executed or it failed.</p> <p><b>Action:</b> Additional information may appear on the GCT Error Messages Screen; contact Sybase Technical Support.</p>
32003	<p>%s failed and ct_diag could not be executed to retrieve the error message.</p> <p><b>Explanation:</b> The Gateway Control Transaction encountered an error while executing an RPC; CTBDIAG could not be executed or it failed.</p> <p><b>Action:</b> Contact Sybase Technical Support.</p>
33000	<p>Gateway Control. Last action completed successfully.</p> <p><b>Explanation:</b> The request completed successfully.</p> <p><b>Action:</b> No action required.</p>
33010	<p>Gateway Control error. BMS Receive Map failed.</p> <p><b>Explanation:</b> CICS Basic Mapping Service Programs BMS Receive failed.</p> <p><b>Action:</b> Check that the SYGCGMAP map set is installed and enabled.</p>
33011	<p>Gateway Control error. Invalid PF key, or PA key hit.</p> <p><b>Explanation:</b> You pressed an unsupported PF or PA key.</p> <p><b>Action:</b> Check the list of valid PF or PA keys displayed at the bottom of each Gateway Control Transaction screen.</p>
33100	<p>Gateway Control error. No selection was made.</p> <p><b>Explanation:</b> You pressed Enter but did not select an item from the menu.</p> <p><b>Action:</b> Select an item by typing any letter or number to the left of that item, then pressing Enter.</p>

Table 2-2: Gateway control transaction messages (continued)

Number	Text and Explanation - 32002 through 33135
33101	<p>Gateway Control error. More than one selection was made.</p> <p><b>Explanation:</b> You selected more than one item from a menu.</p> <p><b>Action:</b> Select only one item.</p>
33102	<p>Gateway Control error. Invalid or missing Connection Number.</p> <p><b>Explanation:</b> This selection requires you to enter a connection number. The connection number is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid connection number. Do not include blanks in the entry.</p>
33103	<p>Gateway Control error. Invalid or missing Connection Mode.</p> <p><b>Explanation:</b> This selection requires you to enter a connection mode. The connection mode is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid connection mode. Do not include blanks in the entry.</p>
33104	<p>Gateway Control error. Invalid or missing Modename.</p> <p><b>Explanation:</b> This selection requires you to enter a mode name. The mode name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid mode name. Do not include blanks in the entry.</p>
33105	<p>Gateway Control error. Invalid or missing User Name.</p> <p><b>Explanation:</b> This selection requires you to enter a user name. The user name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid user name. Do not include blanks in the entry.</p>
33106	<p>Gateway Control error. Invalid or missing Identifier.</p> <p><b>Explanation:</b> This selection requires you to enter an identifier. The identifier is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid identifier. Do not include blanks in the entry.</p>
33107	<p>Gateway Control error. Invalid or missing LU name.</p> <p><b>Explanation:</b> This selection requires you to enter a logical unit (LU) name. The LU name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid LU name. Do not include blanks in the entry.</p>
33108	<p>Gateway Control error. Invalid or missing Max Parallel Sessions.</p> <p><b>Explanation:</b> This selection requires you to enter a value for the maximum number of parallel sessions allowed. The value is either not entered or incorrect.</p> <p><b>Action:</b> Enter a numeric value greater than zero. Do not include blanks in the entry.</p>

Table 2-2: Gateway control transaction messages (continued)

Number	Text and Explanation - 32002 through 33135
33110	<p>Gateway Control error. Invalid Password.</p> <p><b>Explanation:</b> This selection requires you to enter a password. The password is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid password. Do not include blanks in the entry.</p>
33111	<p>Gateway Control error. Invalid or missing Server.</p> <p><b>Explanation:</b> This selection requires you to enter a server name. The server name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid server name. Do not include blanks in the entry.</p>
33114	<p>Gateway Control error. Invalid or missing RPC name.</p> <p><b>Explanation:</b> This selection requires you to enter an RPC name. The RPC name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid RPC name. Do not include blanks in the entry.</p>
33116	<p>Gateway Control error. Invalid or missing Host Transaction ID.</p> <p><b>Explanation:</b> This selection requires you to enter a host transaction ID. The ID is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid ID. Do not include blanks in the entry.</p>
33117	<p>Gateway Control error. Invalid or missing security selection(s).</p> <p><b>Explanation:</b> This selection requires you to enter a security selection. The selection is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid selection. Do not include blanks in the entry.</p>
33118	<p>Gateway Control error. Invalid or missing Destination Subsystem.</p> <p><b>Explanation:</b> This selection requires you to enter a destination subsystem. The subsystem is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid subsystem. Do not include blanks in the entry.</p>
33119	<p>Gateway Control error. Invalid or missing Login.</p> <p><b>Explanation:</b> This selection requires you to enter a login. The login is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid login. Do not include blanks in the entry.</p>
33120	<p>Gateway Control error. Invalid Login Password.</p> <p><b>Explanation:</b> This selection requires you to enter a password. The password is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid password. Do not include blanks in the entry.</p>

Table 2-2: Gateway control transaction messages (continued)

Number	Text and Explanation - 32002 through 33135
33121	<p>Gateway Control error. Invalid Host Login.</p> <p><b>Explanation:</b> This selection requires you to enter a host login. The login is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid login. Do not include blanks in the entry.</p>
33122	<p>Gateway Control error. Invalid Host Login Password.</p> <p><b>Explanation:</b> This selection requires you to enter a host login password. The password is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid password. Do not include blanks in the entry.</p>
33123	<p>Gateway Control error. Invalid Transaction Group.</p> <p><b>Explanation:</b> This selection requires you to enter a transaction group name. The name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid name. Do not include blanks in the entry.</p>
33124	<p>Gateway Control error. Invalid or missing Connection Group.</p> <p><b>Explanation:</b> This selection requires you to enter a connection group name. The name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid name. Do not include blanks in the entry.</p>
33125	<p>Gateway Control error. Invalid or missing Connection Name.</p> <p><b>Explanation:</b> This selection requires you to enter a connection name. The name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid name. Do not include blanks in the entry.</p>
33126	<p>Gateway Control error. Invalid Gateway Control Modification.</p> <p><b>Explanation:</b> This selection requires you to enter a value for Gateway Control Modification. The value is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid value. Do not include blanks in the entry.</p>
33127	<p>Gateway Control error. Invalid Connection Group.</p> <p><b>Explanation:</b> This selection requires you to enter a connection group name. The name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid name. Do not include blanks in the entry.</p>
33128	<p>Gateway Control error. Key field not matched; no rows returned.</p> <p><b>Explanation:</b> A screen that normally returns rows did not return any. This is often an informational message that appears when the data requested does not exist. For example, if RPC status information is requested when no RPCs are defined it can appear.</p> <p><b>Action:</b> No action required, usually. You may need to resubmit the request with the correct data.</p>

Table 2-2: Gateway control transaction messages (continued)

Number	Text and Explanation - 32002 through 33135
33129	<p>Gateway Control error. No connections in keyed connection group.</p> <p><b>Explanation:</b> This selection requires you to enter a connection group that has connections defined to it. The name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid group or define connections to the group you entered. Do not include blanks in the entry.</p>
33130	<p>Gateway Control error. No transactions in keyed transaction group.</p> <p><b>Explanation:</b> This selection requires you to enter a transaction group that has RPCs defined to it. The name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid group or define RPCs to the group you entered. Do not include blanks in the entry.</p>
33131	<p>Gateway Control error. Invalid Group Login.</p> <p><b>Explanation:</b> This selection requires you to enter a group login. The login is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid login. Do not include blanks in the entry.</p>
33132	<p>Gateway Control error. Invalid Language.</p> <p><b>Explanation:</b> The RPC for the language transaction you entered is incorrect.</p> <p><b>Action:</b> Enter a valid RPC. Do not include blanks in the entry.</p>
33133	<p>Gateway Control error. Invalid Source of Host Login.</p> <p><b>Explanation:</b> This selection requires you to enter a source for the host login. The value is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid source. Do not include blanks in the entry.</p>
33134	<p>Gateway Control error. Invalid Group Password.</p> <p><b>Explanation:</b> This selection requires you to enter a group password. The password is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid password. Do not include blanks in the entry.</p>
33135	<p>Gateway Control error. Invalid or missing Transaction Group.</p> <p><b>Explanation:</b> This selection requires you to enter a transaction group name. The name is either not entered or incorrect.</p> <p><b>Action:</b> Enter a valid name. Do not include blanks in the entry.</p>



## Open Server Messages

Open Server Messages are listed in Table 2-3.

Table 2-3: Open Server messages

Number	Text and Explanation - 33800 through 33899
33800	<p>Security Error: The USERID is unknown.</p> <p><b>Explanation:</b> When the Gateway Control Transaction performed the VERIFY PASSWORD call, it could not find the USERID entered.</p> <p><b>Action:</b> Enter a valid USERID name.</p>
33801	<p>Security Error: Incorrect password.</p> <p><b>Explanation:</b> When the Gateway Control Transaction performed the VERIFY PASSWORD call, it could not find the password entered.</p> <p><b>Action:</b> Enter a valid password.</p>
33802	<p>Security Error: A new password is required</p> <p><b>Explanation:</b> When performing the VERIFY PASSWORD call, the Gateway Control Transaction determined that your password expired.</p> <p><b>Action:</b> Enter a new password.</p>
33803	<p>Security Error: The USERID is revoked.</p> <p><b>Explanation:</b> When the Gateway Control Transaction performed the VERIFY PASSWORD call, it determined that the USERID entered was revoked and is no longer valid.</p> <p><b>Action:</b> Enter a current valid USERID name.</p>
33804	<p>Security Error: Unknown return code from the ESM.</p> <p><b>Explanation:</b> When the Gateway Control Transaction performed the VERIFY PASSWORD call, it received an invalid return code from the External Security Manager (ESM).</p> <p><b>Action:</b> Check with your mainframe security administrator to determine what the problem is with the External Security Manager.</p>
33805	<p>Security Error: The ESM interface is not initialized.</p> <p><b>Explanation:</b> When the Gateway Control Transaction performed the VERIFY PASSWORD call, it found the External Security Manager interface was not initialized.</p> <p><b>Action:</b> Initialize the External Security Manager interface.</p>
33806	<p>Security Error: The ESM is not responding.</p> <p><b>Explanation:</b> When the Gateway Control Transaction performed the VERIFY PASSWORD call, the External Security Manager did not respond.</p> <p><b>Action:</b> Contact the External Security Manager.</p>

Table 2-3: Open Server messages (continued)

Number	Text and Explanation - 33800 through 33899
33820	<p>Tran Start Error: USERID is not valid.</p> <p><b>Explanation:</b> When the Gateway Control Transaction performed the EXEC CICS START call, the USERID was invalid.</p> <p><b>Action:</b> Enter a valid USERID.</p>
33821	<p>Tran Start Error: The ESM is in a weird state and CICS can't verify if USERID is valid.</p> <p><b>Explanation:</b> When performing the EXEC CICS START call, the Gateway Control Transaction determined the USERID was invalid.</p> <p><b>Action:</b> Check with your mainframe security administrator to determine what the problem is with the External Security Manager.</p>
33822	<p>Tran Start Error: A resource security check fails on TRANSID.</p> <p><b>Explanation:</b> The user ID performing the EXEC CICS START call is not authorized.</p> <p><b>Action:</b> Contact the External Security Administrator for authorization.</p>
33823	<p>Tran Start Error: A surrogate user security check fails on USERID.</p> <p><b>Explanation:</b> When performing the EXEC CICS START call, the Gateway Control Transaction determined that the USERID was invalid.</p> <p><b>Action:</b> Use a valid USERID.</p>
33824	<p>Tran Start Error: A USERID is specified and the ESM interface is not initialized.</p> <p><b>Explanation:</b> When performing the EXEC CICS START call, the Gateway Control Transaction determined that the External Security Manager interface was not initialized.</p> <p><b>Action:</b> Initialize the External Security Manager interface.</p>
33825	<p>Tran Start Error: COMMAREA LENGTH is not greater than zero.</p> <p><b>Explanation:</b> When performing the EXEC CICS START call, a CICS LENGERR condition is encountered.</p> <p><b>Action:</b> Verify the COMMAREA LENGTH passed to the CICS START call is correct.</p>
33850	<p>Host gateway: Request rejected. Unable to allocate storage to process the request. Retry.</p> <p><b>Explanation:</b> The Context Handler was unable to allocate storage to process the request.</p> <p><b>Action:</b> Retry the request or contact your CICS Administrator.</p>

Table 2-3: Open Server messages (continued)

Number	Text and Explanation - 33800 through 33899
33860	<p>SYGWCTXH - TDBLDPRM Call to TDBLDPRM failed.</p> <p><b>Explanation:</b> The program abended when trying to call a specific Open Server function.</p> <p><b>Action:</b> Contact your Systems Administrator or Sybase Technical Support.</p>
	<p>SYGWCTXH - TDPEEK Call to TDBLPEEK failed.</p> <p><b>Explanation:</b> The program abended when trying to call a specific Open Server function.</p> <p><b>Action:</b> Contact your Systems Administrator or Sybase Technical Support.</p>
	<p>SYGWCTXH - TDRCVSQL Call to TDRCVSQL failed.</p> <p><b>Explanation:</b> The program abended when trying to call a specific Open Server function.</p> <p><b>Action:</b> Contact your Systems Administrator or Sybase Technical Support.</p>
	<p>SYGWCTXH - RPCPARSE RPC name is too long.</p> <p><b>Explanation:</b> RPC name is greater than 30 bytes.</p> <p><b>Action:</b> Correct the RPC name to a length of 30 bytes or less.</p>
	<p>SYGWCTXH - RPCPARSE Invalid character in a numeric string.</p> <p><b>Explanation:</b> An invalid character is contained in the numeric string.</p> <p><b>Action:</b> Correct the character string to contain only numerics.</p>
	<p>SYGWCTXH - RPCPARSE Invalid CHAR string.</p> <p><b>Explanation:</b> An invalid CHAR string has been found, possibly a missing quote.</p> <p><b>Action:</b> Correct the CHAR string.</p>
	<p>SYGWCTXH - RPCPARSE Numeric string is too long.</p> <p><b>Explanation:</b> The numeric string is greater than 10 bytes.</p> <p><b>Action:</b> Correct the numeric string to 10 bytes or less.</p>
	<p>SYGWCTXH - RPCPARSE Number is too big</p> <p><b>Explanation:</b> You have exceeded the limit of 2147483647.</p> <p><b>Action:</b> Correct the numeric string to be less than 2147483647.</p>

Table 2-3: Open Server messages (continued)

Number	Text and Explanation - 33800 through 33899
33860(cont'd)	<p>SYGWCTXH - RPCPARSE Syntax error, missing comma or invalid comma placement.</p> <p><b>Explanation:</b> There is a missing comma or invalid placement of a comma.</p> <p><b>Action:</b> Correct the syntax error.</p> <p>SYGWCTXH - RPCPARSE SHIFTO/SHIFTI pair is incorrect.</p> <p><b>Explanation:</b> A shift out (SHIFTO) or shift in (SHIFTI) character is missing.</p> <p><b>Action:</b> Insert appropriate SHIFTO or SHIFTI character. For additional information refer to the <i>Open ServerConnect COBOL Programmer's Reference Guide</i> under the topic "Processing Japanese Client Requests".</p> <p>SYGWCTXH - CICSWAIT Requested transaction ended abnormally.</p> <p><b>Explanation:</b> The application transaction abended and the Context Handler wait time was exceeded and ended abnormally.</p> <p><b>Action:</b> Correct your application program and retry.</p> <p>SYGWCTXH - %sContext Handler ended abnormally.</p> <p><b>Explanation:</b> The last known function (%s) in the Context Handler ended abnormally.</p> <p><b>Action:</b> Contact your Systems Administrator or Sybase Technical Support.</p> <p>SYGWCTXH - Failed in function %s;RC=%s.</p> <p><b>Explanation:</b> A function(%s) of the Context Handler ended abnormally with a Return Code (RC=%s).</p> <p><b>Action:</b> Contact your Systems Administrator or Sybase Technical Support.</p> <p>SYGWCTXH - User is not authorized to start this transaction.</p> <p><b>Explanation:</b> You are not an authorized user for this transaction.</p> <p><b>Action:</b> Contact your System Administrator to obtain authorization.</p>
33899	<p>Security Error: Unknown error encountered in Security Check RESP=%s RESP2=%s.</p> <p><b>Explanation:</b> A security error was found.</p> <p><b>Action:</b>Contact your Systems Administrator or Sybase Technical Support.</p>

## Transaction Router Service and Mainframe Server Gateway Messages

The following (Table 2-4) contains Transaction Router Service (TRS) and Mainframe Server Gateway (MSG) messages. All messages begin with the name "Msg".

Table 2-4: TRS and MSG messages - 34150 through 34334

Message Number	Text and Explanation - 34150 through 34334
34150	<p>Msg: Request rejected. No password was given, a password is required.</p> <p><b>Explanation:</b> The password is missing.</p> <p><b>Action:</b> Enter the correct password.</p>
34152	<p>Msg: Request rejected: Missing parameter.</p> <p><b>Explanation:</b> A net gateway TRS control parameter is missing.</p> <p><b>Action:</b> Check the syntax of the command and reenter it.</p>
34153	<p>Msg: Request rejected: Invalid action code.</p> <p><b>Explanation:</b> You entered an invalid parameter on a gateway control request.</p> <p><b>Action:</b> Check the syntax of the command and reenter it.</p>
34154	<p>Msg: Request rejected: Remote procedure '%1!' not found. Retry the request with a valid remote procedure name or contact the Gateway Administrator.</p> <p><b>Explanation:</b> The referred RPC is unknown.</p> <p><b>Action:</b> Use the <code>sgw_status rpc</code> command to determine the status of the erroneous RPC. Reenter the command with the correct RPC name.</p>
34155	<p>Msg: Request rejected: Remote procedure '%1!' is already defined.</p> <p><b>Explanation:</b> You tried to add a procedure that already exists.</p> <p><b>Action:</b> Use the <code>sgw_status rpc</code> command to determine the status of the erroneous RPC. Check the RPC name and try again.</p>
34156	<p>Msg: Request rejected: Connection '%1!' to '%2!' is already defined.</p> <p><b>Explanation:</b> You tried to add a connection that already exists.</p> <p><b>Action:</b> Use the <code>sgw_status connections</code> command to determine the status of all connections.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34157	<p>Msg: Request rejected: Could not find that client. Retry the request with an active client ID.</p> <p><b>Explanation:</b> You tried to disconnect a client using an invalid client ID.</p> <p><b>Action:</b> Use the <code>sgw_status clients</code> command to determine the status of clients. Verify the client ID and try again.</p>
34158	<p>Msg: Request rejected: Could not find that connection. Retry the request with a valid connection ID.</p> <p><b>Explanation:</b> You tried to deactivate or activate a connection using an invalid connection ID.</p> <p><b>Action:</b> Use the <code>sgw_status connection</code> command to determine the status of the connection ID. Verify the connection ID and try again.</p>
34201	<p>Msg: Request rejected: Language transaction is set inactive. Contact the Gateway administrator.</p> <p><b>Explanation:</b> The procedure used to process language requests is inactive.</p> <p><b>Action:</b> Use the <code>sgw_status rpcs</code> command to determine the status of the language translation. Usually its SYRT or AMD2 depending on your implementation of OCC and OSC.</p>
34202	<p>Msg: Request rejected. No host connections are available. Wait for an available connection, or contact the Gateway Administrator.</p> <p><b>Explanation:</b> There are no gateway-mainframe connections available.</p> <p><b>Action:</b> Use the <code>sgw_status connections</code> and the <code>sgw_status clients</code> commands to add additional connections to alleviate the problem.</p>
34203	<p>Msg report: Could not start conversation with remote transaction %1!. Contact Gateway administrator or host network operator. Transaction %2!</p> <p><b>Explanation:</b> An LU6.2 conversation cannot be started with the requested host transaction.</p> <p><b>Action:</b> Check the appropriate SNA server error log to determine why the transaction could not be started.</p>
34204	<p>Msg report: Unexpected end of results from host transaction. Contact Gateway administrator or host network operator. Transaction %1!</p> <p><b>Explanation:</b> The host conversation terminated abnormally while a result set was being received.</p> <p><b>Action:</b> This is usually due to a CICS application abend; however, it can also occur if the session with the host is unbound. Contact your CICS systems programmer.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34206	<p>Msg: File error: Cannot open or create the RPC file. Check the SYBASE directory read/write permissions.</p> <p><b>Explanation:</b> The file containing RPC definitions cannot be opened. This file does not exist if RPCs are not defined.</p> <p><b>Action:</b> If RPC definitions are not defined, ignore this error. This message always appears when a newly installed MSG starts. If an RPC is defined, check the permissions on the RPC file and verify that your SYBASE environment variable is set correctly.</p>
34207	<p>Msg: File error: Cannot open or create the connection file. Check the SYBASE directory read/write permissions.</p> <p><b>Explanation:</b> The file containing connection definitions cannot be opened. This file does not exist if connections are not defined.</p> <p><b>Action:</b> If connection definitions are not defined, ignore this error. This message always appears when a newly installed MSG starts.</p> <p>If connections are defined, check the permissions on the connection file and verify that your SYBASE environment variable is set correctly.</p>
34208	<p>Msg warning: Client disconnected while receiving results.</p> <p><b>Explanation:</b> The LAN connection between MSG and a client was disconnected while a result set was being forwarded to the client.</p> <p><b>Action:</b> No action required.</p>
34209	<p>Msg: Request rejected: Cannot perform delete, remote procedure '%1!' is in use. Deactivate the remote procedure then try again.</p> <p><b>Explanation:</b> An RPC that is in use cannot be deleted.</p> <p><b>Action:</b> Retry the command when the RPC is not in use. If the RPC is used constantly, first deactivate the RPC using <code>sgw_deactrpc</code> so that new clients cannot use it to start a query.</p> <p>When all current users finish using the connection, delete it.</p>
34210	<p>Msg: Request rejected: Cannot perform delete, connection is in use. Retry the request after the connection is free or inactive.</p> <p><b>Explanation:</b> A connection that is in use cannot be deleted.</p> <p><b>Action:</b> Retry the command when the connection is not in use. If the connection is used constantly, first deactivate the connection using <code>sgw_deactcon</code> so new clients cannot use it to start a query.</p> <p>When all current users finish using the connection, delete it.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34211	<p>Msg: Sunlink is back up.</p> <p><b>Explanation:</b> The Sunlink APPC Gateway was down. Mainframe Server Gateway detected that the Sunlink APPC Gateway restarted.</p> <p><b>Action:</b> No action is required.</p>
34213	<p>Msg: Security violation: Connection must be through a SQL Server. Change your DSQUERY value, or contact the administrator.</p> <p><b>Explanation:</b> The request was rejected because Mainframe Server Gateway is running with the -D start-up parameter to prohibit direct requests.</p> <p><b>Action:</b> Execute the desired procedure as an RPC through SQL Server, or restart MSG without the -D parameter.</p>
34214	<p>Msg: Connection file not found.</p> <p><b>Explanation:</b> Mainframe Server Gateway cannot open the file containing connection definitions. If connections are not defined this is an error, which is the case when you start MSG for the first time.</p> <p><b>Action:</b> If connections are defined, ignore this error. This message always appears when a newly installed MSG is started.</p> <p>If connections are defined, check the permissions on the connection file and verify that your SYBASE environment variable is set correctly.</p>
34215	<p>Msg: Request rejected: Login rejected, Gateway is being shutdown. Contact the Gateway administrator.</p> <p><b>Explanation:</b> Mainframe Server Gateway is shutting down, and is not accepting any new requests.</p> <p><b>Action:</b> Retry when MSG is started again.</p>
34216	<p>Msg: Request rejected: Login failed, maximum number of clients exceeded. Wait for an available slot, or contact the Gateway administrator.</p> <p><b>Explanation:</b> The maximum number of concurrent users was exceeded.</p> <p><b>Action:</b> Restart MSG using a larger value for the -M parameter.</p>
34217	<p>Msg: RPC file not found.</p> <p><b>Explanation:</b> The Mainframe Server Gateway file containing RPC definitions cannot open. This file does not exist if RPCs are not defined.</p> <p><b>Action:</b> If RPCs are not defined, ignore this error. This message always appears when a newly installed Mainframe Server Gateway starts.</p> <p>If RPCs are defined, check the permissions on the RPC file and verify that your SYBASE environment variable is set correctly.</p>



Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34218	<p>Msg: Could not start Connection %1! Modename %2!. Connection set inactive. Contact host network operator or Gateway administrator.</p> <p><b>Explanation:</b> The connection could not be made due to an SNA problem or a configuration error.</p> <p><b>Action:</b> Contact your VTAM operator to verify the state of your connection. Use <code>sgw_actcon all</code> to restart connections once the problem is resolved.</p>
34219	<p>SNA services stopped or the network crashed. Some connections may have to be reactivated.</p> <p><b>Explanation:</b> SNA services notified Mainframe Server Gateway of an attachment or connection failure.</p> <p><b>Action:</b> Check SNA services error log to determine error. Coordinate with VTAM operator to ensure connectivity problems are corrected.</p>
34220	<p>Connection %1! started.</p> <p><b>Explanation:</b> A connection started.</p> <p><b>Action:</b> No action is required.</p>
34221	<p>Msg starting. Version (%1!)</p> <p><b>Explanation:</b> The Transaction Router Service started.</p> <p><b>Action:</b> No action is required.</p>
34222	<p>Msg: startup completed. Ready.</p> <p><b>Explanation:</b> Mainframe Server Gateway is ready to accept client requests.</p> <p><b>Action:</b> No action is required.</p>
34223	<p>Msg: Security violation: Login denied (no login entry or incorrect password) Contact the Gateway administrator.</p> <p><b>Explanation:</b> An incorrect password was specified, or the user ID is not defined to Mainframe Server Gateway.</p> <p><b>Action:</b> Use the correct password or add the user ID to Mainframe Server Gateway.</p>
34224	<p>Msg: Security group file not found.</p> <p><b>Explanation:</b> Mainframe Server Gateway could not find the security group file.</p> <p><b>Action:</b> This is not an error if no logins, transaction groups, or connection groups are defined. Mainframe Server Gateway file creates the file the first time one of these is added.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34225	<p>Msg: File error: Cannot open or create the security group file. Check SYBASE directory read/write permissions.</p> <p><b>Explanation:</b> You cannot open or create the security group file.</p> <p><b>Action:</b> Check the read/write permissions in the \$SYBASE directory.</p>
34226	<p>Msg: Request rejected. Could not find that login entry. Retry the request with a valid login name.</p> <p><b>Explanation:</b> A gateway control operation was requested on a login that is not defined.</p> <p><b>Action:</b> Check the syntax of the gateway control operation or confirm that the user ID is valid.</p>
34227	<p>Msg: Request rejected. Cannot perform delete, login '%1!' is in use. Retry the request after the login is free or inactive.</p> <p><b>Explanation:</b> A login cannot be dropped if a user is currently connected using that ID.</p> <p><b>Action:</b> Either disconnect that client using <code>sgw_disclient</code> or wait for that user to log off.</p>
34228	<p>Msg: Request rejected. Login '%1!' is already defined.</p> <p><b>Explanation:</b> You tried to define a login that is already defined.</p> <p><b>Action:</b> Use another name or delete the login before redefining it. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34229	<p>Msg: Security violation: Your login '%1!' does not have authorization to run Gateway control functions. Contact Gateway administrator.</p> <p><b>Explanation:</b> Your user ID does not have permission to execute gateway control procedures.</p> <p><b>Action:</b> Have the gateway administrator grant this authority to your account. For additional instructions, see the <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34230	<p>Msg: Request rejected. Transaction group '%1!' is already defined.</p> <p><b>Explanation:</b> You tried to add a transaction group that already exists.</p> <p><b>Action:</b> Either use a different name or delete the existing group. For further information, see the <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34231	<p>Msg: Request rejected. Transaction group is not defined. Retry the request with a valid transaction group name.</p> <p><b>Explanation:</b> You tried a gateway control operation on a transaction group that does not exist.</p> <p><b>Action:</b> Check the syntax of the command and the group name. For additional information, see the <i>DirectConnect Transaction Router Service User's Guide</i>.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34232	<p>Msg: Request rejected. Remote procedure '%1!' is already in transaction group.</p> <p><b>Explanation:</b> You tried to add an RPC to a group when that RPC was already defined to that group.</p> <p><b>Action:</b> Use another name or delete the RPC before redefining it. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34233	<p>Msg: Request rejected. Remote procedure '%1!' is not in transaction group.</p> <p><b>Explanation:</b> You tried to delete an RPC from a transaction group to which the RPC does not belong.</p> <p><b>Action:</b> Check the RPC name. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34234	<p>Msg: Request rejected. Connection group '%1!' is already defined.</p> <p><b>Explanation:</b> You tried to add a connection group that already exists.</p> <p><b>Action:</b> Use a different name or delete the existing group. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34235	<p>Msg: Request rejected. Connection group is not defined. Retry the request with a valid connection group name.</p> <p><b>Explanation:</b> You tried a gateway control operation on a connection group that does not exist.</p> <p><b>Action:</b> Check the syntax of the command and the group name. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34236	<p>Msg: Request rejected. Connection '%1!' is already in connection group.</p> <p><b>Explanation:</b> You tried to add a connection to a group that was already defined to the group.</p> <p><b>Action:</b> Check the connection name. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34237	<p>Msg: Request rejected. Connection '%1!' is not in connection group. Retry the request with a connection name that is part of that group.</p> <p><b>Explanation:</b> You tried to add a connection to a group that was already defined to the group.</p> <p><b>Action:</b> Check the connection name. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34238	<p>Msg: Security violation: Access to remote procedure '%1!' is denied. You are not authorized to access that remote procedure. Contact the Gateway administrator.</p> <p><b>Explanation:</b> You tried to execute an RPC that is not defined to your transaction group.</p> <p><b>Action:</b> Ask the gateway administrator to define the RPC to your transaction group.</p>
34239	<p>Msg: Request rejected: Remote procedure '%1!' is set inactive. Contact the Gateway administrator.</p> <p><b>Explanation:</b> The requested procedure is inactive.</p> <p><b>Action:</b> Use <code>sgw_actrpc</code> to reactivate the procedure.</p>
34240	<p>Msg: SNA servers are not responding. Make sure attachment and connections are active through SNA services.</p> <p><b>Explanation:</b> A system call to SNA Services did not return within the period of time allowed. This can occur due to one of the following:</p> <p>The PU or LU is in an inoperative state and needs to be activated from VTAM.</p> <p>An SNA Services configuration error occurred.</p> <p>On slow SDLC lines, the default time of 15 seconds may not be sufficient to allow the attachment to start. You can increase this value using the <code>-Qseconds</code> start-up parameter.</p> <p><b>Action:</b> When a timeout occurs, the default behavior of Mainframe Server Gateway is to mark the connection inactive so that the error is avoided on a subsequent request. If you want the connection to remain "active," use the <code>-d</code> start-up parameter to prohibit connections from being marked "inactive" on no-recoverable allocate failures and SNA Services timeouts.</p>
34241	<p>Msg: Some connections could not be started.</p> <p><b>Explanation:</b> When connections were activated, an error was detected on one or more of them.</p> <p><b>Action:</b> Correct the error and use the <code>sgw_actcon</code> procedure to reactivate the connection(s).</p>
34242	<p>Msg shutdown completed.</p> <p><b>Explanation:</b> The gateway is disabled.</p> <p><b>Action:</b> No action is required.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34243	<p>Msg: Request rejected. Invalid RPC request. Check that all RPC parameters used are valid data types and that the RPC name is correct.</p> <p><b>Explanation:</b> An RPC call was made using a parameter datatype that is not supported by Mainframe Server Gateway.</p> <p><b>Action:</b> Check that all parameters sent to Mainframe Server Gateway are of the correct datatype.</p>
34244	<p>Msg: Request rejected. Conversation level security is not supported on this platform. The security option must be set to 'None'.</p> <p><b>Explanation:</b> You requested conversational-level security, which is not supported on the current DirectConnect platform.</p> <p><b>Action:</b> Set up conversation level security on your DirectConnect platform with your security administrator.</p>
34245	<p>Msg: Sunlink function %!%, Sunlink error code %2!. Refer to Sunlink API Guide.</p> <p><b>Explanation:</b> An error was returned by the Sunlink APPC gateway.</p> <p><b>Action:</b> See the Sunlink documentation for an explanation of the error.</p>
34246	<p>Msg: OS/2 Communications Manager is down. Restart Communications Manager.</p> <p><b>Explanation:</b> OS/2 Communications Manager stopped.</p> <p><b>Action:</b> Restart OS/2 Communications Manager. You may need to restart Mainframe Server Gateway.</p>
34247	<p>Msg: Sunlink is down. Restart the Sunlink peer to peer gateway.</p> <p><b>Explanation:</b> The Sunlink APPC gateway is down.</p> <p><b>Action:</b> Restart the Sunlink APPC gateway.</p>
34248	<p>Msg: Cannot connect to the Sunlink peer to peer gateway.</p> <p><b>Explanation:</b> The Sunlink APPC gateway is down.</p> <p><b>Action:</b> Restart the Sunlink APPC gateway.</p>
34249	<p>Msg: The Sunlink peer to peer gateway name was not specified on the command line. It must be specified with the -A parameter.</p> <p><b>Explanation:</b> A Sunlink gateway name was not specified in the start-up command.</p> <p><b>Action:</b> Add the -A parameter and the name of the Sunlink Gateway to the start-up command.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34250	<p>Msg: NT SNA Server error, %1!, primary code %2!, secondary code %3!. Refer to NT SNA Server manuals.</p> <p><b>Explanation:</b> Microsoft SNA Server for Windows NT returned an error.</p> <p><b>Action:</b> See the SNA Server documentation for an explanation.</p>
34251	<p>Msg: Accounting log file not found.</p> <p><b>Explanation:</b> The accounting log file was not found in the \$SYBASE directory.</p> <p><b>Action:</b> The accounting log is created the first time it is needed. If this is a new installation, this is not an error and action is not required.</p>
34252	<p>Msg: File error: Cannot open the accounting log file. Check the SYBASE directory read/write permissions.</p> <p><b>Explanation:</b> The accounting file in the \$SYBASE directory cannot be opened.</p> <p><b>Action:</b> Check the \$SYBASE directory permissions.</p>
34255	<p>Msg: OS/2 Communications Manager error, %1!, primary code %2!, secondary code %3!. Refer to APPC Programming Reference.</p> <p><b>Explanation:</b> OS/2 Communications Manager returned an error.</p> <p><b>Action:</b> See the OS/2 documentation for an explanation.</p>
34256	<p>Msg: Request rejected: No host connections are defined to the requested subsystem. Contact the Gateway Administrator.</p> <p><b>Explanation:</b> None of the existing configuration connections go to the host region where the requested procedure is defined.</p> <p><b>Action:</b> Add connections to the required region or make sure that your connections and RPCs are defined correctly.</p>
34257	<p>Msg: Request rejected: A connection group is not defined for this login. Contact the Gateway Administrator.</p> <p><b>Explanation:</b> This client is not assigned to a connection group.</p> <p><b>Action:</b> When running without the -O parameter, each client must be assigned to a transaction group and a connection group. Redefine the client login to be part of a connection group. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34258	<p>Msg: Request rejected: A timeout occurred while waiting for a host connection to become available. Retry the request or contact the Gateway Administrator.</p> <p><b>Explanation:</b> All connections to the requested region are in use.</p> <p><b>Action:</b> Either define more connections to Mainframe Server Gateway or increase the connection queue timeout period using the -Q start-up parameter.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34259	%1! <b>Explanation:</b> Initialization status message. <b>Action:</b> Information only; no action required.
34260	Msg: Syntax error. <b>Explanation:</b> The syntax of the gateway control procedure is incorrect. <b>Action:</b> Check the syntax of your command or use <code>sgw_help</code> to display the proper syntax.
34261	Msg: Request rejected: Invalid parameter <b>Explanation:</b> You entered an invalid parameter on a gateway control request. <b>Action:</b> Check the syntax of the command and reenter it.
34262	Msg: Syntax error. All gateway control parameters are expected to be in character format. Put quotes around numeric values. <b>Explanation:</b> All gateway control parameters must be in character format. <b>Action:</b> Put quotes around numeric values.
34263	Msg: Request rejected: No host connections are active to the requested subsystem. Contact the Gateway Administrator. <b>Explanation:</b> Every connection to the required region is in an inactive state, probably due to previous network errors. <b>Action:</b> Use the <code>sgw_actcon</code> procedure to reactivate connections once the network problem is resolved.
34264	Msg: AIX SNA Services function %1!, AIX error code %2!. <b>Explanation:</b> An AIX SNA Services function returned an error. <b>Action:</b> See the SNA Services documentation for an explanation of the code.
34265	Msg: HP SNAP-IX APPC Services error, %1!, primary code %2!, secondary code %3!. Refer to SNAP-IX APPC Programming Guide. <b>Explanation:</b> An HP SNAP-IX function returned an error. <b>Action:</b> See the HP SNAP-IX documentation for an explanation of the code.
34266	Msg: <code>srv_desfmt</code> failed for column number %1!. <b>Explanation:</b> An internal error occurred. <b>Action:</b> Call Sybase Technical Support.
34267	Msg: <code>srv_bind</code> failed for column number %1!. <b>Explanation:</b> An internal error occurred. <b>Action:</b> Call Sybase Technical Support.

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34268	<p>Msg: srv_alloc failed and cannot allocate memory.</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
34269	<p>Msg: AT&amp;T SNA LU6.2 error, %1!, primary code %2!, secondary code %3!. Refer to AT&amp;T Networks - SNA LU6.2 Administrator and Programmer Guide.</p> <p><b>Explanation:</b> An SNA function call failed.</p> <p><b>Action:</b> The error code printed is the code returned from the SNA package. See the documentation supplied with your SNA package for a more detailed error description.</p>
34270	<p>Msg: Region file not found.</p> <p><b>Explanation:</b> The region file cannot be opened.</p> <p><b>Action:</b> If you never ran <code>sgw_addreg</code>, this file does not exist and this message is not an error. Otherwise, check the permissions on the files in the <code>\$\$SYBASE</code> directory.</p>
34271	<p>Msg: File error: Cannot open or create the region file. Check the SYBASE directory read/write permissions.</p> <p><b>Explanation:</b> The region file cannot be opened.</p> <p><b>Action:</b> If you never ran <code>sgw_addreg</code>, this file does not exist. In this case, this message is not an error. Otherwise, check the permissions on the files in the <code>\$\$SYBASE</code> directory.</p>
34272	<p>Msg: Request rejected. Region '%1!' is already defined.</p> <p><b>Explanation:</b> You tried to add a region that is already defined.</p> <p><b>Action:</b> Drop the region using <code>sgw_dropregion</code> before adding it again.</p>
34273	<p>Msg: Request rejected. Could not find that region. Retry the request with a valid region name.</p> <p><b>Explanation:</b> You tried to drop or deactivate a region that is not defined.</p> <p><b>Action:</b> Check the region name.</p>
34274	<p>Msg: Network call failed: %1!. Function %2! error %3!</p> <p><b>Explanation:</b> A network OS call failed.</p> <p><b>Action:</b> Refer to the OS error number displayed.</p>



Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34275	<p>Msg: A new remote procedure cannot be started until the currently running transaction has been completed. End the current transaction and try again.</p> <p><b>Explanation:</b> You started a long-running transaction on a host where a transaction is still processing. You cannot start a new transaction on this client connection until the current transaction completes processing.</p> <p><b>Action:</b> The host transaction is expecting another follow-up RPC call. Disconnecting from Mainframe Server Gateway causes the host transaction to be terminated. You can terminate DB2 transactions by issuing either <b>commit</b> or <b>rollback</b>.</p>
34276	<p>Msg: A gateway control procedure cannot be started until the currently running transaction has been completed. End the current transaction and try again.</p> <p><b>Explanation:</b> You started a long-running transaction on the host where a transaction is still running. You cannot start a new transaction on this client connection until the current transaction is completed.</p> <p><b>Action:</b> The host transaction is expecting another follow-up RPC call. Disconnecting from Mainframe Server Gateway terminates the host transaction. You can terminate DB2 transactions by issuing either <b>commit</b> or <b>rollback</b>.</p>
34277	<p>Msg: A new remote procedure cannot be started until the currently running transaction '%1!' has been completed. End the current transaction and try again.</p> <p><b>Explanation:</b> You started a long-running transaction on the host where a transaction is still running. You cannot start a new transaction on this client connection until the current transaction completes processing.</p> <p><b>Action:</b> The host transaction is expecting another follow-up RPC call. Disconnecting from Mainframe Server Gateway causes the host transaction to be terminated. You can terminate DB2 transactions by issuing either <b>commit</b> or <b>rollback</b>.</p>
34278	<p>Msg: A new query cannot be started until the currently running transaction '%1!' has been completed. End the current transaction and try again.</p> <p><b>Explanation:</b> You started a long-running transaction on the host where a transaction is still running. You cannot start a new transaction on this client connection until the current transaction is completed.</p> <p><b>Action:</b> The host transaction is expecting another follow-up RPC call. Disconnecting from Mainframe Server Gateway terminates the host transaction. You can terminate DB2 transactions by issuing either <b>commit</b> or <b>rollback</b>.</p>
34279	<p>Msg: Tried to delete nonexistent client in the disconnect event.</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34280	<p>Msg: Host transaction could not be started. transaction %1!, host name %2!, port %3!.</p> <p><b>Explanation:</b> A network error occurred.</p> <p><b>Action:</b> This message is accompanied by other messages with detailed error codes. Check your appropriate SNA error logs for additional information.</p>
34281	<p>Msg: The requested host transaction could not be started because it is not recognized by the host. Check the RPC definition and contact the host system programmer.</p> <p><b>Explanation:</b> The host rejected the start transaction request because the host region did not recognize the transaction name.</p> <p><b>Action:</b> Verify the host transaction name associated with this RPC is correct using <code>exec sgw_status rpc</code>. If it appears to be correct, contact the host region administrator.</p>
34282	<p>Msg: The requested host transaction could not be started because of a host security violation.</p> <p><b>Explanation:</b> The security system on the host rejected the start transaction request.</p> <p><b>Action:</b> Verify the following:</p> <ul style="list-style-type: none"> <li>Correct user ID and password being sent to the host.</li> <li>RPC you want to run was defined to use security when it was defined using <code>sgw_addrpc</code>.</li> <li>CICS region configuration is correctly set up for security.</li> <li>Host mode table entry is appropriate for your security settings.</li> </ul>
34283	<p>Msg: Could not start transaction because an error occurred allocating the host conversation. See error log.</p> <p><b>Explanation:</b> Mainframe Server Gateway received an error when it tried to allocate a conversation to the host.</p> <p><b>Action:</b> Refer to your vendor's SNA error log file for a more detailed description of the problem.</p>
34284	<p>Msg: The requested host transaction could not be started by host.</p> <p><b>Explanation:</b> The host rejected the transaction start request.</p> <p><b>Action:</b> Check that the host transaction program is installed and available.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34285	<p>Msg: The conversation with the host transaction ended abnormally. This may have been due to a host transaction program abend.</p> <p><b>Explanation:</b> The conversation with the host disconnected unexpectedly.</p> <p><b>Action:</b> The disconnect is most likely due to an abnormal termination of the host transaction program. A network error can also terminate the conversation.</p>
34286	<p>Msg: Could not start conversation with the host due to an SNA resource failure. This is usually due to an SNA configuration error or network outage. Contact gateway administrator.</p> <p><b>Explanation:</b> Mainframe Server Gateway received an SNA resource failure notification from the SNA package when it tried to allocate a conversation to the host.</p> <p><b>Action:</b> This is usually due to a configuration error. Check that the connection to the host is established, using the <b>snaping</b> utility. For additional information see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
34287	<p>Msg: Connection has been stopped. The host session associated with this connection has been brought down since it was last accessed.</p> <p><b>Explanation:</b> Since this connection was last accessed, an SNA error occurred that caused the connection to become invalid.</p> <p><b>Action:</b> This error usually occurs when the attachment associated with the connection disconnected since its last use. Mainframe Server Gateway closes the connection and attempts to reopen it automatically.</p> <p>If the attachment is established the connection can be reopened, no action is required.</p> <p>If Mainframe Server Gateway is unable to reopen the connection, the state of SNA Services should be checked using the <b>snaping</b> utility. The host operator might be required to vary active the associated line, PU, or LU.</p>
34288	<p>Msg: SNA protocol violation.</p> <p><b>Explanation:</b> An internal error in a gateway or SNA package.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
34289	<p>Msg: The requested host transaction could not be started because of an unknown LU6.2 mode table entry. This is probably due to a configuration error locally or at the host. Contact the Gateway Administrator</p> <p><b>Explanation:</b> The LU6.2 Mode name specified in <b>sgw_addcon</b> is incorrect.</p> <p><b>Action:</b> Check the mode name in CICS, VTAM, and local SNA services.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34290	<p>Msg: Host transaction could not be started. Transaction name %1! Connection name %2!</p> <p><b>Explanation:</b> The requested transaction did not start.</p> <p><b>Action:</b> Refer to the gateway log file for the detailed SNA error code.</p>
34291	<p>Msg: SNA Services is not running. Contact the Gateway Administrator</p> <p><b>Explanation:</b> The SNA Services software is not running.</p> <p><b>Action:</b> Start SNA Services.</p>
34292	<p>Msg: OS/2 Communications Manager is not running. Contact the Gateway Administrator.</p> <p><b>Explanation:</b> The OS/2 Communications Manager software for this platform is not running.</p> <p><b>Action:</b> Start SNA Services.</p>
34293	<p>Msg: Sunlink is down. Restart the Sunlink Peer to Peer Gateway.</p> <p><b>Explanation:</b> The Sunlink Peer to Peer Gateway is not running.</p> <p><b>Action:</b> Start the Sunlink Peer to Peer Gateway.</p>
34294	<p>Msg: HP SNAP-IX is not running. Restart HP SNAP-IX.</p> <p><b>Explanation:</b> The SNA package used by this platform is not running.</p> <p><b>Action:</b> Start the HP-UX SNA plus daemons. See your <i>HP-UX SNA plus Administration Guide</i> for details.</p>
34295	<p>Msg: AT&amp;T SNA is not running. Restart SNA.</p> <p><b>Explanation:</b> The AT&amp;T SNA software is not running.</p> <p><b>Action:</b> Start the AT&amp;T SNA software.</p>
34296	<p>Msg: Microsoft NT SNA Server is not running. Restart the SNA Server.</p> <p><b>Explanation:</b> The Microsoft SNA Server for Windows NT is not running.</p> <p><b>Action:</b> Start the SNA Server.</p>
34297	<p>Msg: Novell SNA is not running. Restart SNA.</p> <p><b>Explanation:</b> The Novell SNA software is not running.</p> <p><b>Action:</b> Start the Novell SNA software.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34298	<p>Msg: A timeout occurred waiting for an SNA function to complete. SNA Services is not responding. Check state of connection and attachment.</p> <p><b>Explanation:</b> Mainframe Server Gateway made a system call to AIX SNA Services and did not receive a response.</p> <p><b>Action:</b> This is usually due to the inability of SNA Services to start an attachment or connection. Check that the VTAM operator activated the host attachment, PU, and LU. If the problem persists, stop SNA Services and restart it.</p>
34299	<p>Msg: Host transaction could not be started due to a network or host problem. See the error log.</p> <p><b>Explanation:</b> A problem occurred with the SNA software or the host when starting the transaction.</p> <p><b>Action:</b> Refer to your vendor's SNA error log for a more detailed description of the problem.</p>
34300	<p>Msg: An invalid datastream was received from the host. The host conversation may have been terminated abnormally due to a host transaction program abend.</p> <p><b>Explanation:</b> Mainframe Server Gateway received an invalid datastream or the host conversation ended unexpectedly.</p> <p><b>Action:</b> This is usually due to an abend of the host application. Check the CICS error log. Also check the local SNA software log file.</p>
34301	<p>Msg: Sunlink function mc_allocate failed. Unique session name %1! Host transaction name %2!.</p> <p><b>Explanation:</b> A Sunlink allocation error occurred.</p> <p><b>Action:</b> These messages accompany several other network failure messages that can provide additional information about the parameters involved in the error.</p>
34302	<p>Msg: HP SNAP-IX mc_allocate failed. Local LU %1!, Partner LU %2!, Mode name %3! Transaction name %4!.</p> <p><b>Explanation:</b> An HP SNAP-IX allocation error occurred.</p> <p><b>Action:</b> This message accompanies several other network failure messages that can provide additional information about the parameters involved in the error.</p>
34303	<p>Msg: OS/2 Communications Manager error in allocate. Local LU %1!, Partner LU %2!, Modename %3!, Transaction name %4!.</p> <p><b>Explanation:</b> An OS/2 SNA error occurred.</p> <p><b>Action:</b> This message accompanies several other network failure messages that can provide additional information about the parameters involved in the error.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34304	<p>Msg: AIX SNA Services snalloc failed. Mode %1!, Transaction %2!</p> <p><b>Explanation:</b> An AIX SNA Services allocation error occurred.</p> <p><b>Action:</b> This message accompanies several other network failure messages that can provide additional information about the parameters involved in the error.</p>
34305	<p>Msg: NCR SNA LU6.2 error, m_allocate. Remote LU %1!, Mode %2!, Transaction name %3!</p> <p><b>Explanation:</b> An NCR SNA allocation error occurred.</p> <p><b>Action:</b> This message accompanies several other network failure messages that can provide additional information about the parameters involved in the error.</p>
34306	<p>Msg: Cannot get %1!. srv_thread_props (%2!) failed.</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
34307	<p>Msg: Cannot get %1! from the locale structure in the connect handler.</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
34308	<p>Msg: Can't set the capability information. srv_capability_info (%1!) failed.</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
34309	<p>Msg: Invalid TDS version returned by srv_thread_props(SRV_T_TDSVERSION).</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
34310	<p>Msg: The transaction could not be started because an error occurred connecting to the remote CICS listener program. See error log.</p> <p><b>Explanation:</b> A socket to the CSKL transaction cannot be opened.</p> <p><b>Action:</b> Check that CSKL is running. Use the <code>cicsping</code> utility to check connectivity to CICS.</p>
34311	<p>Msg: The transaction could not be started due to an error from the remote CICS listener program. See error log.</p> <p><b>Explanation:</b> An error occurred starting the requested transaction.</p> <p><b>Action:</b> Check the log for the associated system error.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34312	<p>Msg: An invalid datastream was received from the host. The socket may have been terminated abnormally due to a host transaction program abend.</p> <p><b>Explanation:</b> Mainframe Server Gateway received an invalid datastream or the socket with the host disconnected unexpectedly.</p> <p><b>Action:</b> This is usually due to an abnormal ending of the host application. Check the CICS error log.</p>
34313	<p>Msg: An error occurred on the socket between the gateway and the CICS transaction program. See error log.</p> <p><b>Explanation:</b> The socket with the host transaction program disconnected unexpectedly.</p> <p><b>Action:</b> This is usually due to an abnormal ending of the host application. Check the CICS error log.</p>
34314	<p>Msg: NT SNA Server error in allocate. Local LU %1!, Partner LU %2!, Modename %3!, Transaction name %4!.</p> <p><b>Explanation:</b> A Microsoft SNA Server for Windows NT allocation error occurred.</p> <p><b>Action:</b> This message accompanies several other network failure messages that can provide additional information about the parameters involved in the error.</p>
34315	<p>There are two possible messages:</p> <p>1) Msg: An error occurred starting a transaction. returned from CICS Listener transaction '%1!'.</p> <p><b>Explanation:</b> The CSKL socket listener program rejected a start transaction request.</p> <p><b>Action:</b> Refer to the returned message for the specific reason.</p> <p>2) Msg: Cannot set the %1! field of the locale structure to '%2!' in rpc_sgwchlng.</p> <p><b>Explanation:</b> Failed to change the client's locale structure.</p> <p><b>Action:</b> Contact Sybase Technical Support.</p>
34316	<p>Msg: Cannot open the tds log file '%1!'. Check the SYBASE directory read/write permissions.</p> <p><b>Explanation:</b> An error occurred reading or creating this file.</p> <p><b>Action:</b> Check that the Mainframe Server Gateway process has write permission to the \$SYBASE directory.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34317	<p>Msg: Novell NetWare for SAA error 407 in mc_allocate. Local LU %!!, Partner LU %!!, Modename %!!, Transaction 408 name %!!</p> <p><b>Explanation:</b> The Novell SNA APPC function call <code>mc_allocate</code> failed.</p> <p><b>Action:</b> Refer to the <i>Novell NetWare for SAA APPC API Guide</i> for an explanation of the error.</p>
34318	<p>Msg: Novell NetWare for SAA 411 error from verb %!!, primary code %!!, secondary code %!!. Refer to Novell 412 APPC Technical Reference.</p> <p><b>Explanation:</b> A Novell Network APPC function call failed.</p> <p><b>Action:</b> Refer to the <i>Novell NetWare for SAA APPC API Guide</i> for an explanation of the error.</p>
34319	<p>Msg: Novell NetWare for SNA error from verb %!!, primary code %!!. Refer to Novell APPC Technical Reference.</p> <p><b>Explanation:</b> A Novell Network APPC function call failed.</p> <p><b>Action:</b> Refer to the <i>Novell NetWare for SAA APPC API Guide</i> for an explanation of the error.</p>
34320	<p>Msg: Invalid %!!, %!!, has been specified. Please make sure it is defined in the <code>sybnetgw.cfg</code> file used by the SYBCNOS nlm.</p> <p><b>Explanation:</b> An invalid configuration value was supplied to Mainframe Server Gateway.</p> <p><b>Action:</b> Check the <code>sybnetgw.cfg</code> file and make sure the configuration is properly defined.</p>
34321	<p>Msg: Unknown User: User '%!' is unknown to the APPC Password Expiration Management PEM Server and the sign on is rejected.</p> <p><b>Explanation:</b> The user ID is invalid or unknown to the Password Expiration Manager (PEM) Server.</p> <p><b>Action:</b> Make sure the user ID is properly set up and defined.</p>
34322	<p>Msg: Password Incorrect: The sign on to the APPC Password Expiration Management PEM Server is rejected. Contact Gateway administrator.</p> <p><b>Explanation:</b> The password specified is incorrect.</p> <p><b>Action:</b> Make sure the password is properly set up and defined.</p>
34323	<p>Msg: Password Expired: The APPC Password Expiration Management PEM Server indicates that the password has expired. Please execute <code>sgw_pemchpwd</code> or <code>sgw_pemchgrppwd</code> to change the password.</p> <p><b>Explanation:</b> The user's password expired.</p> <p><b>Action:</b> Change the password by using <code>sgw_pemchpwd</code> or <code>sgw_pemchgrppwd</code>.</p>



Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34324	<p>Msg: Invalid New Password: The new password specified is not acceptable to the APPC Password Expiration Management PEM Server.</p> <p><b>Explanation:</b> The new password specified is invalid.</p> <p><b>Action:</b> Use an acceptable password.</p>
34325	<p>Msg: The APPC Password Expiration Manager PEM Server rejects the security function. Contact Gateway administrator.</p> <p><b>Explanation:</b> The PEM Server rejected the security request by the Gateway administrator.</p> <p><b>Action:</b> The gateway administrator must correct the setup error.</p>
34326	<p>Msg: The APPC Password Expiration Manager returns a status code of '%1!'. Contact Gateway administrator.</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Contact the gateway administrator.</p>
34327	<p>Msg: The host login and password cannot be zero length or longer than 8 characters.</p> <p><b>Explanation:</b> An invalid user ID or password was specified.</p> <p><b>Action:</b> Specify a valid password and be sure the length does not exceed eight characters.</p>
34328	<p>Msg: The two instances of new password specified must match each other.</p> <p><b>Explanation:</b> The passwords do not match.</p> <p><b>Action:</b> Determine the correct password and use the correct password in both instances.</p>
34329	<p>Msg: The password for host userid '%1!' has been successfully changed.</p> <p><b>Explanation:</b> The password for the indicated host user ID was changed.</p> <p><b>Action:</b> No action is required.</p>
34330	<p>Msg: The requested action cannot be executed because the APPC Password Expiration Manager PEM Server support flag '-P' is not enabled. Contact Gateway administrator.</p> <p><b>Explanation:</b> The -P start-up parameter is not specified.</p> <p><b>Action:</b> Contact your gateway administrator. The administrator must specify the -P start-up parameter.</p>

Table 2-4: TRS and MSG messages - 34150 through 34334 (continued)

Message Number	Text and Explanation - 34150 through 34334
34331	<p>Msg: The requested host transaction could not be started because of a host security violation. Please execute <code>sgw_peminfpwd</code> for more information.</p> <p><b>Explanation:</b> The password for the indicated host user ID was changed.</p> <p><b>Action:</b> No action is required.</p>
34332	<p>Msg: The requested host transaction could not be started because of a host security violation with the group login of transaction group '%1!'. Execute <code>sgw_peminfogrppwd %2!</code> for more info or contact Gateway administrator.</p> <p><b>Explanation:</b> The password for the indicated host user ID was changed.</p> <p><b>Action:</b> No action is required.</p>
34333	<p>Msg: Invalid '%1!' value '%2!' received from %3!.'</p> <p><b>Explanation:</b> Mainframe Server Gateway received invalid information from Open Server.</p> <p><b>Action:</b> Contact Sybase Technical Support.</p>
34334	<p>'%1'</p> <p>The message varies depending on the conditions.</p> <p><b>Explanation:</b> Depending on the situation, this message displays information about the current condition or an error message.</p> <p><b>Action:</b> If you encounter an error, contact Sybase Technical Support or your system administrator.</p>

## Mainframe ClientConnect Messages

Table 2-5 contains Mainframe Client Connect (MCC) messages. Messages in this table also contain references to the original software, Mainframe Client Gateway (MCG). All messages refer to both MCC and MCG.

Table 2-5: Mainframe ClientConnect Messages

Number	Text and Explanation - 35001 through 35061
35001	Unknown RPC. Try 'exec mcg_help'. <b>Explanation:</b> An unrecognized Mainframe Client Gateway administration procedure was requested. <b>Action:</b> Check that the procedure name is valid.
35002	No RPC name. Try 'exec mcg_help'. <b>Explanation:</b> A remote procedure name was not received on an RPC call to Mainframe Client Gateway. <b>Action:</b> Check the calling program to ensure the RPC program is being invoked correctly.
35003	Invalid parameter. Try 'exec mcg_help'. <b>Explanation:</b> An invalid parameter type was provided on an Mainframe Client Gateway administration call. <b>Action:</b> Check the syntax of the call. All Mainframe Client Gateway administration parameters should be in character format.
35004	Missing parameter. Try 'exec mcg_help'. <b>Explanation:</b> The Mainframe Client Gateway procedure requested requires a parameter. <b>Action:</b> Check the syntax of the call and try again.
35005	Client number not found. <b>Explanation:</b> The specified client number is not defined to Mainframe Client Gateway. <b>Action:</b> Check the client number and try again.
35006	Ready. <b>Explanation:</b> Informational message that Mainframe Client Gateway started. <b>Action:</b> No action is required.
35007	Could not register with Sunlink gateway. Error %x. <b>Explanation:</b> Mainframe Client Gateway cannot connect to the SunLink APPC gateway. <b>Action:</b> Start the SunLink APPC gateway and restart Mainframe Client Gateway.

Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35008	<p>Maximum number of clients exceeded.</p> <p><b>Explanation:</b> Mainframe Client Gateway reached the maximum number of configured mainframe-based clients.</p> <p><b>Action:</b> Restart Mainframe Client Gateway and increase the maximum number of clients allowed using the <b>-M</b> command line parameter. For additional information, see <i>DirectConnect Transaction Router Service User's Guide</i>.</p>
35009	<p>Syntax error. Try 'exec mcg_help'.</p> <p><b>Explanation:</b> A syntax error occurred on an Mainframe Client Gateway administration request.</p> <p><b>Action:</b> Check the syntax of the request and try again.</p>
35010	<p>Shutdown complete.</p> <p><b>Explanation:</b> Mainframe Client Gateway completed shutdown and is exiting.</p> <p><b>Action:</b> No action is required.</p>
35011	<p>Listening for client requests.</p> <p><b>Explanation:</b> Mainframe Client Gateway is ready to accept inbound LU6.2 requests from a host.</p> <p><b>Action:</b> No action is required.</p>
35012	<p>Error accepting host based request. Sunlink error %x.</p> <p><b>Explanation:</b> The SunLink APPC gateway returned an error when it received an LU6.2 conversation with a remote host.</p> <p><b>Action:</b> Refer to the SunLink error number for more information. Either an SNA error occurred or there is a problem with the remote transaction.</p>
35013	<p>Error spawning client thread. Error code %d.</p> <p><b>Explanation:</b> MCG could not spawn an internal thread to handle the host request.</p> <p><b>Action:</b> Increase the maximum client connections value specified by the <b>-M</b> start-up parameter.</p> <p>For OS/2, also increase the value for the THREAD environment variable specified in the <i>CONFIG.SYS</i> file. If this problem continues, notify Sybase Technical Support.</p>
35014	<p>Unexpected return code from Sunlink Peek(). Sunlink error %x.</p> <p><b>Explanation:</b> The SunLink APPC gateway returned an error.</p> <p><b>Action:</b> Refer to the SunLink error number for more information. The most probable cause is that the SunLink APPC gateway needs to be restarted.</p>
35015	<p>TRACE: Client %d: %s.</p> <p><b>Explanation:</b> This is an informational event tracing message.</p> <p><b>Action:</b> Turn off tracing if you do not want to see this message.</p>

Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35016	<p>DB-Library Error: Error %d: %s.</p> <p><b>Explanation:</b> An error occurred with the DB-Library connection to a server.</p> <p><b>Action:</b> Look up the DB-Library error message for more information.</p>
35017	<p>DB-Library OS Error: Error %d: %s.</p> <p><b>Explanation:</b> DB-Library received an operating system error.</p> <p><b>Action:</b> Refer to the DB-Library error number for more information.</p>
35018	<p>MCG could not log in to requested server.</p> <p><b>Explanation:</b> Mainframe Client Gateway could not log into the server requested by a host-based client.</p> <p><b>Action:</b> Check the following using <code>isql</code> at the Mainframe Client Gateway machine to connect to the desired server:</p> <ul style="list-style-type: none"> <li>Local interfaces file for a valid entry for that server.</li> <li>Userid and password the host-based client is passing.</li> <li>State of the requested server.</li> <li>Network connectivity between the workstation where the Mainframe Client Gateway is running and the machine where the server is located.</li> </ul>
35019	<p>Unexpected event. code %d: %s.</p> <p><b>Explanation:</b> An unexpected error occurred.</p> <p><b>Action:</b> Refer to the text of the message for more details.</p>
35020	<p>Sunlink is down, restart Sunlink.</p> <p><b>Explanation:</b> The connection to the SunLink APPC gateway broke.</p> <p><b>Action:</b> Restart the SunLink APPC gateway.</p>
35021	<p>Sunlink is back up.</p> <p><b>Explanation:</b> Mainframe Client Gateway was able to reconnect to the SunLink APPC gateway.</p> <p><b>Action:</b> No action is required.</p>
35022	<p>Connection %s already exists.</p> <p><b>Explanation:</b> The connection defined to Mainframe Client Gateway already exists.</p> <p><b>Action:</b> Check the connection name for a duplicate.</p>
35023	<p>Could not open connection file.</p> <p><b>Explanation:</b> The connection file cannot be opened.</p> <p><b>Action:</b> If no connections are defined, ignore this message. If connections are defined, check file permissions.</p>

Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35024	<p>Connection has been added but an error occurred trying to activate it.</p> <p><b>Explanation:</b> The connection that was added cannot be opened.</p> <p><b>Action:</b> To recover from this error:</p> <p>Check that the connection is a valid connection defined to SNA Services.</p> <p>Check that your vendor's SNA Services is up.</p> <p>Verify the connections using the <b>snaping</b> utility.</p>
35025	<p>Starting connection %s.</p> <p><b>Explanation:</b> A connection is being opened.</p> <p><b>Action:</b> No action is required.</p>
35026	<p>Could not find configuration file.</p> <p><b>Explanation:</b> The connection file cannot be opened.</p> <p><b>Action:</b> If no connections are defined, ignore this message. If connections are defined, check file permissions.</p>
35027	<p>SNA Services error %d starting connection %s. ALLOCATE_LISTEN failed. Verify a local transaction profile named 'MCG' exists.</p> <p><b>Explanation:</b> Mainframe Client Gateway could not register with SNA Services. This is probably because the Mainframe Client Gateway local transaction profile is missing.</p> <p><b>Action:</b> Verify that a local transaction profile exists.</p>
35028	<p>Transaction could not be registered for connection %s. Verify a local transaction profile named 'MCG' exists.</p> <p><b>Explanation:</b> Mainframe Client Gateway could not register with SNA Services. This is probably because the Mainframe Client Gateway local transaction profile is missing.</p> <p><b>Action:</b> Verify that a local transaction profile exists.</p>
35029	<p>Restarting all connections.</p> <p><b>Explanation:</b> An error occurred with SNA Services, and the Mainframe Client Gateway is attempting to reopen all defined connections. This is an informational message.</p> <p><b>Action:</b> No action is required.</p>
35030	<p>Some connections could not be restarted.</p> <p><b>Explanation:</b> While attempting to recover from an SNA Services error, Mainframe Client Gateway was unable to reopen some or all of the defined connections.</p> <p><b>Action:</b> Check SNA Services. Run the <b>snaping</b> utility to verify connections.</p>

Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35031	<p>Some connections could not be restarted.</p> <p><b>Explanation:</b> While attempting to recover from an SNA Services error, Mainframe Client Gateway was unable to reopen some or all of the defined connections.</p> <p><b>Action:</b> Check SNA Services. Run the <b>snaping</b> utility to verify connections.</p>
35032	<p>Connections have been restarted.</p> <p><b>Explanation:</b> Mainframe Client Gateway reopened all defined connections after an SNA Services error. This is an informational message.</p> <p><b>Action:</b> No action is required.</p>
35033	<p>SNA Services error %d in %s.</p> <p><b>Explanation:</b> SNA Services returned an error.</p> <p><b>Action:</b> Check your SNA Services error log. Run the <b>snaping</b> utility to verify connections.</p>
35034	<p>SNA Services attachment or connection failure.</p> <p><b>Explanation:</b> SNA Services notified Mainframe Client Gateway of a connection or attachment failure.</p> <p><b>Action:</b> Check your SNA Services error log. Run the <b>snaping</b> utility to verify connections.</p>
35035	<p>SNA Services error %d starting connection %s.</p> <p><b>Explanation:</b> An SNA Services error occurred starting a connection.</p> <p><b>Action:</b> To recover from this error:</p> <p>Check that the connection is a valid connection defined to SNA Services.</p> <p>Confirm SNA Services is running.</p> <p>Verify the connection, using the <b>snaping</b> utility.</p>
35036	<p>Connection %s could not be found.</p> <p><b>Explanation:</b> You tried to delete a connection name that is not configured.</p> <p><b>Action:</b> Check the connection name and try again.</p>
35037	<p>Connection %1! could not be dropped because it is in use.</p> <p><b>Explanation:</b> You tried to drop a connection used by another host-based client.</p> <p><b>Action:</b> Wait for the client to disconnect before dropping the connection.</p>

Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35038	<p>Communications Manager is not running. Start Communications Manager then restart MCG.</p> <p><b>Explanation:</b> Mainframe Client Gateway cannot start because OS/2 Communications Manager is not running.</p> <p><b>Action:</b> Start OS/2 Communications Manager, and then start Mainframe Client Gateway.</p>
35039	<p>Transaction '%s' is not defined to Communications Manager. Add a transaction program definition.</p> <p><b>Explanation:</b> OS/2 Communications Manager does not have a local transaction program definition for this Mainframe Client Gateway.</p> <p><b>Action:</b> Add a local transaction program definition for this Mainframe Client Gateway.</p>
35040	<p>Communications Manager error in function %s. Primary code %x, Secondary code %x.</p> <p><b>Explanation:</b> The OS/2 Communications Manager returned an error.</p> <p><b>Action:</b> See IBM OS/2 Communications Manager manuals for further description of the error message.</p>
35041	<p>Sunlink error in %s. Error code %x.</p> <p><b>Explanation:</b> SunLink returned an error.</p> <p><b>Action:</b> See the SunLink manuals for further description of the error message.</p>
35042	<p>Function has not been implemented yet.</p> <p><b>Explanation:</b> The specified function is not implemented.</p> <p><b>Action:</b> You cannot perform this function. It is not supported by your software. Check with your sales representative or system consultant to determine the availability of a version that supports this function.</p>
35043	<p>MSG is being shutdown.</p> <p><b>Explanation:</b> You tried to start a new query after Mainframe Client Gateway started a shutdown.</p> <p><b>Action:</b> Retry the query later when Mainframe Client Gateway restarts.</p>
35044	<p>HP SNAP-IX APPC Services error, %1!, primary code %2!, secondary code %3!. Refer to SNAP-IX APPC Programming Guide.</p> <p><b>Explanation:</b> An HP SNAP-IX function returned an error.</p> <p><b>Action:</b> See the HP SNAP-IX documentation for an explanation of the code.</p>
35045	<p>srv_alloc failed to allocate memory of size %1!</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>



Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35046	<p>srv_descfmt failed for column number %1!</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
35047	<p>srv_bind failed for column number %1!</p> <p><b>Explanation:</b> An internal error occurred.</p> <p><b>Action:</b> Call Sybase Technical Support.</p>
35048	<p>Transaction '%1!' is not defined as an invocable TP in the SNAP-IX configuration. Add an invocable transaction program definition.</p> <p><b>Explanation:</b> A local transaction must be defined for each copy of the Mainframe Client Gateway running on a machine. The transaction name must match the Mainframe Client Gateway server name.</p> <p><b>Action:</b> Add a local transaction using the same name as your Mainframe Client Gateway -S parameter.</p>
35049	<p>Sunlink function mc_allocate failed with unique session name %1! and remote transaction name %2!.</p> <p><b>Explanation:</b> A Sunlink SNA function error occurred.</p> <p><b>Action:</b> This is an informational message that is accompanied by other messages stating the specific error code.</p>
35050	<p>HP SNAP-IX mc_allocate failed with local TP %1!, partner LU %2!, mode name %3! and transaction name %4!.</p> <p><b>Explanation:</b> An HP SNAP-IX SNA function error occurred.</p> <p><b>Action:</b> This is an informational message that is accompanied by other messages stating the specific error code.</p>
35051	<p>OS/2 Communications Manager error, mc_allocate with local LU %1!, partner LU %2!, modename %3! and transaction name %4!</p> <p><b>Explanation:</b> An error occurred on an OS/2 Communications SNA function.</p> <p><b>Action:</b> This is an informational message that is accompanied by another message stating the specific error code.</p>
35052	<p>AIX SNA Services function snalloc with mode %1! and tpn %2! failed.</p> <p><b>Explanation:</b> An AIX SNA Services function error occurred.</p> <p><b>Action:</b> This is an informational message that is accompanied by other messages stating the specific error code.</p>

Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35053	<p>NT SNA Server error, function %1!. Primary code %2!, Secondary code %3!</p> <p><b>Explanation:</b> This message provides additional information after a call to Windows NT SNA server failed.</p> <p><b>Action:</b> No action is required.</p>
35054	<p>NT SNA Server error, allocate with local LU %1!, partner LU %2!, modename %3! and transaction name %4!</p> <p><b>Explanation:</b> This message provides additional information after a call to Windows NT SNA server failed.</p> <p><b>Action:</b> No action is required.</p>
35055	<p>Novell NetWare for SAA error, function %1!. Primary code %2! secondary code %3!. Refer to Novell APPC Technical Reference.</p> <p><b>Explanation:</b> A Novell NetWare error occurred.</p> <p><b>Action:</b> Look up the primary and secondary codes in the Novell <i>APPC Technical Reference</i> and follow the instructions.</p>
35056	<p>Novell NetWare for SAA error, function %1!. Primary code %2!. Refer to Novell APPC Technical Reference.</p> <p><b>Explanation:</b> A Novell NetWare error occurred.</p> <p><b>Action:</b> Look up the function and primary code in the Novell <i>APPC Technical Reference</i> and follow the instructions.</p>
35057	<p>Novell NetWare for SAA error, mc_allocate with local LU %1!, partner LU %2!, Modename %3!, Transaction %4!</p> <p><b>Explanation:</b> This is an error with Novell NetWare's <i>mc_allocate</i> routine.</p> <p><b>Action:</b> Look up <i>mc_allocate</i> in the Novell NetWare documentation to identify the problem and take corrective action.</p>
35058	<p>Error: Invalid %1! %2! has been specified. Please make sure it is defined in the <i>sybnetgw.cfg</i> file used by the SYBCNOS.nlm.</p> <p><b>Explanation:</b> Invalid configuration values were supplied to Mainframe Client Gateway.</p> <p><b>Action:</b> Check the <i>sybnetgw.cfg</i> file used by the SYBCNOS.nlm to be sure that the configuration files are defined.</p>
35059	<p>NCR SNA error, function %1!. Primary code %2!, Secondary code %3!</p> <p><b>Explanation:</b> An NCR SNA error occurred.</p> <p><b>Action:</b> Look up the error in the NCR SNA reference document and follow the instructions.</p>

Table 2-5: Mainframe ClientConnect Messages (continued)

Number	Text and Explanation - 35001 through 35061
35060	NCR SNA error, allocate with local LU %1!, partner LU %2!, modename %3! and transaction name %4! <b>Explanation:</b> An error with the NCR SNA allocate routine occurred. <b>Action:</b> No action is required.
35061	TCP system call %1! failed with error code %2! <b>Explanation:</b> This message comes from TCP Mainframe Client Gateway on various TCP related calls. It generally indicates a network problem. <b>Action:</b> Look up the error in the SNA reference document and follow the instructions.

## Connection Router Messages

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Table 2-6 contains Connection Router messages. These messages do not display a message number and are listed in alphabetical order.

Table 2-6: Connection Router messages

Message Text and Explanation
<p>CICS System CMD call not authorized</p> <p><b>Explanation:</b> SYMC and SYMS use LOAD and INQUIRE calls. This message occurs if the transactions are not authorized to make these calls.</p> <p><b>Action:</b> Contact Sybase Technical Support.</p>
<p>Conn router conflicting priorities</p> <p><b>Explanation:</b> Priorities must be unique in the server/path file.</p> <p><b>Action:</b> Make priority unique in the server/path file.</p>
<p>Conn router entry in use</p> <p><b>Explanation:</b> The entry that corresponds to the current record is being used in a conversation.</p> <p><b>Action:</b> Try again later.</p>
<p>Conn router table not found</p> <p><b>Explanation:</b> The Connection Router Table cannot be loaded.</p> <p><b>Action:</b> Make sure the library that has the Connection Router CSECT is in the CICS DFHRPL list.</p>
<p>Conn router table not initialized</p> <p><b>Explanation:</b> The Connection Router table was not loaded properly.</p> <p><b>Action:</b> Initiate the Connection Router Table by running SYM1 CICS Transaction.</p>
<p>Connection router table loaded</p> <p><b>Explanation:</b> The Connection Router Table is ready for processing.</p> <p><b>Action:</b> No action is required.</p>
<p>Data error - correct and press enter</p> <p><b>Explanation:</b> An editing error occurred.</p> <p><b>Action:</b> Correct the highlighted field(s).</p>
<p>Duplicate connection</p> <p><b>Explanation:</b> A connection can only appear once in the table.</p> <p><b>Action:</b> Check the connection and reenter it.</p>
<p>Duplicate record</p> <p><b>Explanation:</b> The record already exists in the file.</p> <p><b>Action:</b> Update existing record.</p>

Table 2-6: Connection Router messages

Message Text and Explanation
<p>Duplicate server path</p> <p><b>Explanation:</b> Server/MCC path already exists.</p> <p><b>Action:</b> Check the server/MCC name and reenter it.</p>
<p>Entry not found in conn router table</p> <p><b>Explanation:</b> The entry that corresponds to the current record is not in the Connection Router Table.</p> <p><b>Action:</b> Reload the table.</p>
<p>Invalid connection id</p> <p><b>Explanation:</b> The connection is not defined to CICS.</p> <p><b>Action:</b> Add the connection to CICS.</p>
<p>Invalid netname for connection</p> <p><b>Explanation:</b> The NETNAME corresponding to the connection is not defined to CICS.</p> <p><b>Action:</b> Verify the connection and NETNAME in CICS.</p>
<p>No connection entered</p> <p><b>Explanation:</b> CONNECTION is a required field for SYMC.</p> <p><b>Action:</b> Enter a value in the CONNECTION field.</p>
<p>No connection records in file</p> <p><b>Explanation:</b> The connection file is empty or disabled.</p> <p><b>Action:</b> Check the status of the file using CEMT and add a record to the connection file, if necessary.</p>
<p>No fields modified</p> <p><b>Explanation:</b> No fields were changed.</p> <p><b>Action:</b> Enter a change.</p>
<p>No MCC entered</p> <p><b>Explanation:</b> MCC is a required field for SYMC and SYMS.</p> <p><b>Action:</b> Enter the MCC name.</p>
<p>No server entered</p> <p><b>Explanation:</b> SERVER is a required field for SYMS.</p> <p><b>Action:</b> Enter the server name.</p>
<p>No server/path records in file</p> <p><b>Explanation:</b> The server path file is empty or disabled.</p> <p><b>Action:</b> Check the status of the file using CEMT and add a server path record to the file, if necessary.</p>

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**Table 2-6: Connection Router messages**

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**Message Text and Explanation**

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Not enough memory for conn router table

**Explanation:** The Connection Router Table has not been defined with enough entries.

**Action:** Reassemble SYCONTBL with additional entries.

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Press PF6 to delete

**Explanation:** This is a prompt to verify the deletion of the current record.

**Action:** Press PF6 to delete the current record.

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# 3

## Open ClientConnect Client-Library Messages

This chapter describes the messages Open ClientConnect returns. These messages are handled differently than messages from other Sybase products. Messages from other products are listed in “Messages” on page 2-1.

This chapter includes the following topics:

- About Open ClientConnect Messages 3-1
- Client-Library Error Messages 3-4

► **Note**

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Messages that Open ServerConnect’s Gateway Control Transaction returns are listed in Chapter 2, “Messages.”

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### About Open ClientConnect Messages

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Open ClientConnect returns two types of error messages:

- Server error messages that are returned from SQL Server, Open Server, or MainframeConnect for DB2. Server error messages are retrieved with the CTBDIAG function call using a SERVERMSG structure.
- Client error messages that are internally generated by Client-Library when it detects an error locally. Client error messages are retrieved with the CTBDIAG function call using a CLIENTMSG structure.

Also, see the *Open ClientConnect Programmer’s Reference* for your programming language for more information about messages and return codes.

### Server Message Fields

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The SERVERMSG structure contains the following two key fields that should be processed by the application program:

- SMSG\_MSGNO, which contains the error message number from SQL Server or MSG
- SMSG\_TEXT, which contains the actual error message text

You can find the error message numbers and text returned from SQL Server by querying and/or printing the SQL Server *SYSMESSAGES* table, which contains copies of all the error messages that SQL Server returns.

### Client Message Fields

The CLIENTMSG structure contains the following two key fields that should be processed by the application program:

- CMSG\_OC\_MSGNO, which contains the error message number that was locally generated by Client-Library when it detected an error
- CMSG\_OC\_MSGTEXT, which contains the error message text

#### CMSG\_OC\_MSGNO

CMSG\_OC\_MSGNO is an encoded field consisting of 4 bytes:

##### *Byte 1*

Byte 1 (the high-order byte) represents the Client-Library layer that is reporting the error. This byte is normally only used by Sybase Technical Support.

##### *Byte 2*

Byte 2 represents the message's origin and is used internally by Sybase.

##### *Byte 3*

Byte 3 denotes the severity of the error. The following table describes the possible values.

Table 3-1: Severity values

Value	Meaning
CS_SV_INFORM (0)	No error. The message is informational.
CS_SV_API_FAIL (1)	A Client-Library routine generated an error. This error is typically caused by a bad parameter or calling sequence. The server connection is probably salvageable.



**Table 3-1: Severity values (continued)**

Value	Meaning
CS_SV_RETRY_FAIL (2)	An operation failed, but it can be retried.
CS_SV_RESOURCE_FAIL (3)	Resource error. This error is typically caused by an allocation error, a lack of file descriptors, or a timeout error. The server connection is probably not salvageable.
CS_SV_CONFIG_FAIL (4)	Configuration error.
CS_SV_COMM_FAIL (5)	Unrecoverable error in the server communication channel. The server connection is not salvageable.
CS_SV_INTERNAL_FAIL (6)	Internal Client-Library error.
CS_SV_FATAL (7)	Serious error. All server connections are unusable.

***Byte 4***

Byte 4 (the low-order byte) denotes the specific error detected by Client-Library.

## Client-Library Error Messages

Table 3-2 contains Client-Library error messages, including the error number, the message text associated with that error, a brief description of the probable cause of the error, and the action you should take when the message is received.

Table 3-2: Client-Library error messages

Number	Text and Explanation - Error 1 through Error 117
Error 1	The information being retrieved will not fit in the buffer. <b>Explanation:</b> The buffer size specified is too small. <b>Action:</b> Change the application code to specify a larger buffer size.
Error 2	Memory allocation failure. <b>Explanation:</b> CICS is running short on storage. <b>Action:</b> Have the CICS system programmer increase the size of the DSA or EDSA storage pools in the CICS start-up procedure.
Error 3	Parameter cannot be NULL. (e.g. invalid buffer address) <b>Explanation:</b> The application passed an invalid buffer address of zero. <b>Action:</b> Provide a valid buffer address.
Error 5	An illegal value given for parameter = action. <b>Explanation:</b> The action code specified in a CALL contains an invalid value. <b>Action:</b> Correct the application program to pass a valid value (for example, CS_SET or CS_GET in the ACTION parameter of the Client-Library routine).
Error 6	The maximum number of connections have already been opened. <b>Explanation:</b> The maximum number of connections allowed for the program was reached. The default is 25 connections. <b>Action:</b> Increase the maximum number of connections by issuing a CTBCONFIG call to increase the CS_MAX_CONNECT setting.
Error 10	Boolean values must be set to either CS_TRUE or CS_FALSE. <b>Explanation:</b> An invalid value was specified for a Boolean argument; only 0 or 1 is valid. <b>Action:</b> Correct the application program to specify a valid value for the Boolean argument.
Error 14	Cannot set this property/capability. <b>Explanation:</b> Some configuration and property values are read-only values and cannot be set by an application. <b>Action:</b> Remove the call to set a read-only value.

Table 3-2: Client-Library error messages (continued)

Number	Text and Explanation - Error 1 through Error 117
Error 16	<p>This routine cannot be called after a command has been initiated to a Server.</p> <p><b>Explanation:</b> An Open ClientConnect application issues commands such as CTBPARAM and CTBCOMMAND while it receives the results of a previous command being returned from the server.</p> <p><b>Action:</b> Correct the application so that it does not send commands while receiving results from the server.</p>
Error 46	<p>An illegal value was placed in the DATAFMT structure.</p> <p><b>Explanation:</b> An invalid or undefined value was placed in one of the DATAFMT fields (for instance, <i>FMT_TYPE</i>, <i>FMT_STATUS</i>, <i>FMT_COUNT</i>, <i>FMT_NAMELEN</i>, <i>FMT_MAXLEN</i>).</p> <p><b>Action:</b> Check DATAFMT and correct the invalid value.</p>
Error 50	<p>The connection is dead/crashed.</p> <p><b>Explanation:</b> The SNA session to the remote server crashed due to a network outage, or the application running on the remote server abnormally terminated.</p> <p><b>Action:</b> Determine the cause of the crash and either have the VTAM operator restart the failing network connections or repair the server application.</p>
Error 53	<p>Not enough memory was available to save messages. All messages stored previously have been cleared.</p> <p><b>Explanation:</b> The maximum number of error messages was reached (as specified by the CS_MSGLIMIT value for CTBDIAG). As new messages were added, the old ones were released.</p> <p><b>Action:</b> Issue CTBDIAG calls to retrieve and free (CS_CLEAR option) error messages that are queued up.</p>
Error 57	<p>A result data type cannot be bound to that host program variable type.</p> <p><b>Explanation:</b> An implicit conversion between the server datatype and the datatype of the host program variable is not supported.</p> <p><b>Action:</b> Bind the result column or parameter to a host variable that is compatible.</p>
Error 60	<p>Usage error. This routine has been called at an illegal time.</p> <p><b>Explanation:</b> An Open ClientConnect application cannot issue commands such as CTBPARAM and CTBCOMMAND when it issued a previous command and is receiving the results of that command from the server.</p> <p><b>Action:</b> Correct the application so that it does not send commands while receiving results from the server.</p>

Table 3-2: Client-Library error messages (continued)

Number	Text and Explanation - Error 1 through Error 117
Error 79	<p>Bind of result set item resulted in overflow.</p> <p><b>Explanation:</b> This warning indicates that an overflow occurred when converting a result set value to a program variable that is too small.</p> <p><b>Action:</b> Ensure that the program variable size is correct.</p>
Error 80	<p>Bind of result set item resulted in underflow.</p> <p><b>Explanation:</b> This warning indicates that an underflow occurred when converting a result set value to a program variable that is too large.</p> <p><b>Action:</b> Ensure that the underflow value is correctly processed.</p>
Error 81	<p>Bind of result set item failed because illegal precision value specified.</p> <p><b>Explanation:</b> The precision value is outside the bounds supported by Open ClientConnect.</p> <p><b>Action:</b> Choose a smaller precision value. For additional information, see the <i>Open ClientConnect Programmers's Reference</i> for the program language.</p>
Error 82	<p>Bind of result set item failed because illegal scale value was specified.</p> <p><b>Explanation:</b> The specified scale value is outside the bounds supported by Open ClientConnect.</p> <p><b>Action:</b> Choose a smaller scale value. For additional information, see the <i>Open ClientConnect Programmers's Reference</i> for the program language.</p>
Error 89	<p>The data for a column is NULL but no indicator variable was available.</p> <p><b>Explanation:</b> A NULL value was received for a column or parameter that was bound without a NULL indicator variable.</p> <p><b>Action:</b> Change the application to use NULL indicator variables.</p>
Error 90	<p>The data for a column was truncated but no indicator variable was available.</p> <p><b>Explanation:</b> No NULL indicator variable was defined for a column.</p> <p><b>Action:</b> If the truncated information is needed, define a NULL indicator variable in the CTBBIND call.</p>
Error 91	<p>A bind was missing for a column.</p> <p><b>Explanation:</b> This warning indicates that any data for the unbound column is discarded.</p> <p><b>Action:</b> Change the application to bind the data for that column, if the data is needed.</p>

Table 3-2: Client-Library error messages (continued)

Number	Text and Explanation - Error 1 through Error 117
Error 95	<p>Fetch value was truncated.</p> <p><b>Explanation:</b> This is a warning message.</p> <p><b>Action:</b> Expand the size of the input buffer.</p>
Error 110	<p>The Conn Router Table has not been initialized.</p> <p><b>Explanation:</b> The start-up initialization for the Connection Router Table was not performed.</p> <p><b>Action:</b> Run the SYMPINIT PLT/PI program, or run the SYMI program after CICS is up, to initialize the Connection Router Table.</p>
Error 111	<p>The requested Server is not defined in the Conn Router Table.</p> <p><b>Explanation:</b> Configuration error.</p> <p><b>Action:</b> Use the <b>Add</b> option of the SYMS transaction to add the server to the system.</p>
Error 112	<p>No connections were configured for the requested Server.</p> <p><b>Explanation:</b> Configuration error.</p> <p><b>Action:</b> Use the <b>Add</b> option of the SYMC transaction to configure connections for the server.</p>
Error 113	<p>Temporary error: All connections to the requested server are currently in use.</p> <p><b>Explanation:</b> All the configured SNA connections to a server are in use.</p> <p><b>Action:</b> Increase the number of SNA connections to the designated server. Also, check that there are no "hung" transactions using connections to that server.</p>
Error 114	<p>Invalid context handle.</p> <p><b>Explanation:</b> An invalid context handle was used or a previous CSBCTXALLOC failed.</p> <p><b>Action:</b> Fix the application program to use a valid handle.</p>
Error 115	<p>Invalid connection handle.</p> <p><b>Explanation:</b> An invalid connection handle was used or a previous CTBCONALLOC failed.</p> <p><b>Action:</b> Fix the application program to use a valid handle.</p>
Error 116	<p>Invalid command handle.</p> <p><b>Explanation:</b> An invalid command handle was used or a previous CTBCMDALLOC failed.</p> <p><b>Action:</b> Fix the application to use a valid handle.</p>

Table 3-2: Client-Library error messages (continued)

Number	Text and Explanation - Error 1 through Error 117
Error 117	<p data-bbox="472 506 1224 533">The operation requested is illegal on a client connection.</p> <p data-bbox="472 548 1263 600"><b>Explanation:</b> The application tried to issue an Open Server command over a client command handle.</p> <p data-bbox="472 611 1250 638"><b>Action:</b> Correct the application program to use an Open Server TDPROC handle.</p>

# A

## Return Codes

This appendix describes the return codes that Gateway-Library returns to functions, indicating the result of the function's execution. These values are returned to the argument, *RETCODE*, which is the second argument of most Gateway-Library functions.

Some return codes are informational, such as TDS-RESULTS-COMPLETE. Others are warning or error codes, such as TDS-INVALID-PARAMETER. When the function executes as expected, the return code is TDS-OK.

Many return codes are function-specific and are returned to only one function. Others, such as TDS-OK, can be returned to many Gateway-Library functions.

Gateway-Library return codes all begin with TDS. Client-Library return codes begin with CS. However, on the mainframe, a few TDS return codes are returned to Client-Library functions. Some are returned to both Gateway-Library and Client-Library functions.

A list of all return codes, with their definition statements, is in the data set SYGWCOB or SYGWPLI, which is provided with the Open ServerConnect API tape.

The first set of lists—one for informational messages, one for error and warning messages—is in numeric order. An alphabetical list follows, with brief descriptions for each code.

► **Note**

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For PL/1, the return codes use underscores (\_) instead of hyphens (-).

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### Numerical List of Return Codes

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The following codes are informational and have positive values.

**Table A-1: List of informational return codes in numerical order**

0	TDS-OK
100	TDS-NO-ROW-PRESENT
101	TDS-NO-SQL-PRESENT
102	TDS-NO-MSG-PRESENT

**Table A-1: List of informational return codes in numerical order (continued)**

103	TDS-NO-PARM-PRESENT
104	TDS-NO-ROWS-RETURNED
200	TDS-ROW-PRESENT
201	TDS-SQL-CMD-PRESENT
202	TDS-INFOMSG-PRESENT
203	TDS-PARM-PRESENT
204	TDS-STATUS-PRESENT
205	TDS-CURSOR-PRESENT
206	TDS-DYNAMIC-PRESENT
207	TDS-MSGID-PRESENT
208	TDS-COMPUTE-PRESENT
401	TDS-TAKE-SYNCPT
405	TDS-BACKED-OUT
500	TDS-RESULTS-COMPLETE

The following codes represent errors and have negative values.

**Table A-2: List of error return codes in numeric order**

-4	TDS-INVALID-PARAMETER
-5	TDS-ILLEGAL-REQUEST
-6	TDS-WRONG-STATE
-7	TDS-COMMAND-ACTIVE
-8	TDS-ENTRY-NOT-FOUND
-9	TDS-DUPLICATE-ENTRY
-10	TDS-INVALID-ID-VALUE
-11	TDS-STATUS-NOT-RECEIVED
-12	TDS-CANCEL-RECEIVED
-13	TDS-TRUNCATION-OCCURRED
-14	TDS-GWLIB-INTERNAL-ERROR
-15	TDS-GWLIB-UNAVAILABLE
-16	TDS-GWLIB-BAD-VERSION
-17	TDS-GWLIB-NO-STORAGE
-18	TDS-INVALID-TDPROC



**Table A-2: List of error return codes in numeric order (continued)**

-19	TDS-INVALID-IHANDLE
-20	TDS-TRUNCATION-ERROR
-21	TDS-FLOAT-CONVERSION-ERROR
-22	TDS-MONEY-CONVERSION-ERROR
-23	TDS-DATE-CONVERSION-ERROR
-24	TDS-DECIMAL-CONVERSION-ERROR
-25	TDS-GWLIB-FUNCTION-NOT-AVAILABLE
-26	TDS-OVERFLOW
-27	TDS-TRANSLATION-ERROR
-28	TDS-STRING-TOO-SMALL
-30	TDS-SERVER-NOT-FOUND
-31	TDS-CRTABLE-UNAVAILABLE
-32	TDS-NOT-INITIALIZED
-33	TDS-ROUTE-NOT-FOUND
-34	TDS-ROUTE-NOT-AVAILABLE
-39	TDS-EXCEED-MAX-CONN
-40	TDS-INVALID-CONHANDLE
-41	TDS-ADDR-CANNOT-BE-NULL
-42	TDS-BUF-TOO-SMALL
-43	TDS-CANNOT-SET-VALUE
-44	TDS-INVALID-ACTION
-45	TDS-INVALID-TERMINATOR
-49	TDS-RESULTS-CANCELED
-50	TDS-RESULTS-STILL-ACTIVE
-51	TDS-NO-BIND-ISSUED
-52	TDS-NO-NULLINDI-TRUNC
-53	TDS-NO-NULLINDI-NULLRCVD
-60	TDS-NO-COMPUTES-ALLOWED
-70	TDS-NOT-DECLARED
-71	TDS-CURSOR-ALREADY-DECLARED
-72	TDS-CURSOR-NOT-OPEN
-74	TDS-CURSOR-ALREADY-OPEN

**Table A-2: List of error return codes in numeric order (continued)**

-75	TDS-CURSOR-ALREADY-CLOSED
-76	TDS-CURSOR-ALREADY-DEALLOCATED
-77	TDS-CURSOR-NOT-FOUND
-78	TDS-INVALID-CURSOR-FSM
-79	TDS-INVALID-DYNSQL-FSM
-80	TDS-DYNSQL-NOT-PREPARED
-81	TDS-DYNSQL-ALREADY-PREPARED
-82	TDS-DYNSQL-PARMS-ALREADY-DEFINED
-83	TDS-DYNSQL-OUTPUT-DEFINED
-84	TDS-DYNSQL-ALREADY-DEALLOCATED
-85	TDS-DYNSQL-ID-NOT-FOUND
-86	TDS-DYNSQL-NO-STMT-GIVEN
-87	TDS-DYNSQL-IDLEN-TOO-LONG
-89	TDS-DYNSQL-STMT-NOT-FOUND
-171	TDS-INVALID-DATA-TYPE
-172	TDS-INVALID-DATA-CONVERSION
-173	TDS-INVALID-LENGTH
-174	TDS-INVALID-STATUS
-175	TDS-INVALID-VAR-ADDRESS
-176	TDS-INVALID-FLAGS
-177	TDS-INVALID-PRECISION
-178	TDS-INVALID-SCALE
-179	TDS-INVALID-NAMELENGTH
-180	TDS-INVALID-BOOLEAN
-181	TDS-INVALID-DATAFMT-VALUE
-182	TDS-INVALID-CURCLOSOPTION
-183	TDS-INVALID-CURDECLOPTION
-184	TDS-INVALID-CURDECLSTAT
-185	TDS-INVALID-CURINFSTAT
-186	TDS-INVALID-CURUPDSTAT
-187	TDS-INVALID-CUROPENSTAT
-188	TDS-INVALID-DYNSTAT

**Table A-2: List of error return codes in numeric order (continued)**

-189	TDS-INVALID-DYNTYPE
-190	TDS-CMD-NOT-GET-SET
-191	TDS-BUFFLEN-GREATER-TYPE
-192	TDS-BUFFLEN-LESS-TYPE
-193	TDS-INVALID-OP-TYPE
-194	TDS-INVALID-CURSOR-COMMAND
-195	TDS-INVALID-CURINFCMD
-196	TDS-INVALID-DYNSQL-COMMAND
-200	TDS-NO-CURRENT-CURSOR
-201	TDS-NO-CURRENT-DYNSQL
-256	TDS-MSG-SOS
-257	TDS-SOS
-258	TDS-LOG-ERROR
-259	TDS-INVALID-CONTEXT
-260	TDS-CONTROL-NOTLOADED
-261	TDS-CHARSET-NOTLOADED
-262	TDS-DEFAULT-CHARSET-NOTFOUND
-263	TDS-DBCS-CHARSET-NOTFOUND
-264	TDS-CHARSETSRV-NOT-SBCS
-265	TDS-SPA-NOT-SPECIFIED
-4990	TDS-INVALID-PROTOCOL
-4991	TDS-INVALID-STRMLENGTH
-4992	TDS-INVALID-NET-PROTOCOL
-4993	TDS-DRIVER-NOT-SET
-4995	TDS-LOGIN-FAILED
-4996	TDS-SERVER-RETURNED-ERROR
-4997	TDS-CONNECTION-TERMINATED
-4998	TDS-CONNECTION-FAILED

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## Alphabetical List of Return Codes

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► *Note*

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Codes returned to Client-Library functions are marked with an asterisk.

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### TDS-ADDR-CANNOT-BE-NULL (-41)

One or more parameters passed on an API call are null and should not be.

### TDS-BACKED-OUT (405)

Rollback successfully performed.

### TDS-BUFFLEN-GREATER-TYPE (-191)

TDYNAMIC: The size of the buffer is greater than the dynamic SQL-type field being retrieved.

### TDS-BUFFLEN-LESS-TYPE (-192)

TDYNAMIC: The size of the buffer is too small to return a Dynamic SQL-type field.

### TDS-BUF-TOO-SMALL (-42)

Buffer too small. The information being retrieved cannot fit in the buffer.

### \*TDS-CANCEL-RECEIVED (-12)

Operation canceled. The remote partner issued a cancel. The current operation failed.

This code is also returned to the Client-Library function CTBDESCRIBE.

### \*TDS-CANNOT-SET-VALUE (-43)

The transaction can only retrieve this value; it cannot set the value of this property.

This code is also returned to the Client-Library functions CTBCMDPROPS and CTBCONPROPS.

**TDS-CHARSET-NOTLOADED (-261)**

Gateway-Library found the double-byte character set specified by the client, but the corresponding double-byte module was not loaded at the mainframe.

This code is returned to **TDACCEPT** when a client specifies a double-byte character set (for example, Shift-JIS) for which the associated translate module was not loaded or defined to the mainframe system.

If the TP system is CICS, this can mean that the translate module was not defined in RDO (or to the PPT table), or that it is not present in the LOADLIB.

**TDS-CHARSETSRV-NOT-SBCS (-264)**

Client's character set was not found; double-byte character set specified as default.

This code represents two problems:

- The character set named in the client's login packet was not found in the table of character set names.

This may indicate that the client did not specify the character set correctly (for example, the -J option in `isql` or the `dbsetlcharset` value in a DB-Library program is invalid).

- Open ServerConnect was customized to process single-byte character sets, but the default character set is double-byte.

This usually indicates that the customization settings are incorrect for kanji support.

**TDS-CMD-NOT-GET-SET (-190)**

The value of the *ACTION* parameter is invalid. It should be either TDS-GET or TDS-SET.

**\*TDS-COMMAND-ACTIVE (-7)**

A command is in progress. The current function cannot be called after a command is sent to a server.

This function is returned to the Client-Library functions `CTBCLOSE` and `CTBCMDDROP`.

**TDS-COMPUTE-PRESENT (-208)**

There are computes present for this transaction.

**TDS-CONNECTION-FAILED (-4998)**

Connection abended. The client/server connection abnormally ended (for example, the LU6.2 session crashed or the remote transaction abended).

This code can also be returned to the Client-Library function CTBRESULTS.

**\*TDS-CONNECTION-TERMINATED (-4997)**

Connection closed. The remote partner closed (deallocated) the client/server connection.

This code can be returned to many Client-Library functions.

**TDS-CONTROL-NOTLOADED (-260)**

Cannot load the customization module. This module is necessary for Gateway-Library operation.

**\*TDS-CRTABLE-UNAVAILABLE (-31)**

The Connection Router table cannot be loaded.

This function is returned to the Client-Library function CTBCONNECT.

**TDS-CURSOR-ALREADY-CLOSED (-75)**

Cursor is closed. You cannot fetch, update, or delete when the cursor is closed.

**TDS-CURSOR-ALREADY-DEALLOCATED (-76)**

Cursor is deallocated. You cannot deallocate the same cursor more than once.

**TDS-CURSOR-ALREADY-DECLARED (-71)**

Cursor is declared. You cannot declare the same cursor more than once.

**TDS-CURSOR-ALREADY-OPEN (-74)**

Cursor already open. You cannot open the same cursor more than once.

**TDS-CURSOR-NOT-DECLARED (-70)**

A cursor must be declared before it can be opened.

**TDS-CURSOR-NOT-FOUND (-77)**

Cursor not found.

**TDS-CURSOR-NOT-OPEN (-72)**

Cursor not open. A cursor must be open before a fetch, close, delete, or update.

**TDS-CURSOR-PRESENT (205)**

There are cursors present for this transaction.

**TDS-DATE-CONVERSION-ERROR (-23)**

Error in conversion of datetime data.

This may be a result of trying to convert to short datetime (TDS DATETIME4) for a client using an early TDS version. TDS versions earlier than 4.2 do not support the short datetime datatype.

**TDS-DBCS-CHARSET-NOTFOUND (-263)**

Gateway-Library could not find the double-byte character set specified in the client login packet.

This usually indicates that the client request specified an invalid character set in, for example, the -J option in isql or the dbsetcharset value in a DB-Library program.

**TDS-DECIMAL-CONVERSION-ERROR (-24)**

Error in conversion of packed decimal data.

**TDS-DEFAULT-CHARSET-NOTFOUND (-262)**

The client login packet did not specify a character set or the specified client character set could not be found, and Gateway-

Library did not find the default. (This code is returned for single-byte character sets only.)

**TDS-DRIVER-NOT-SET (-4993)**

Invalid network driver.

**TDS-DUPLICATE-ENTRY (-9)**

Duplicate column description. You attempted to describe the same column twice with a TDESCRIB statement. The operation failed.

**TDS-DYNAMIC-PRESENT (206)**

There are dynamic SQL requests present for this transaction.

**TDS-DYNSQL-ALREADY-DEALLOCATED (-84)**

dynamic SQL request that is already allocated.

**TDS-DYNSQL-ALREADY-PREPARED (-81)**

Dynamic SQL request already prepared. You cannot prepare a dynamic SQL request that is already deallocated.

**TDS-DYNSQL-ID-NOT-FOUND (-85)**

Dynamic SQL request not found.

**TDS-DYNSQL-IDLEN-TOO-LONG (-87)**

Dynamic SQL request ID length is greater than 255.

**TDS-DYNSQL-NO-STMT-GIVEN (-86)**

There is not a SQL statement associated with the dynamic SQL request.

**TDS-DYNSQL-NOT-PREPARED (-80)**

A dynamic SQL request is not prepared.

**TDS-DYNSQL-OUTPUT-ALREADY-DEFINED (-83)**

Dynamic SQL output already defined. You cannot define Dynamic SQL output more than once.



**TDS-DYNSQL-PARMS-ALREADY-DEFINED (-82)**

Dynamic SQL parameters already defined. You cannot define dynamic SQL parameters more than once.

**TDS-DYNSQL-STMT-NOT-FOUND (-89)**

There is no SQL statement associated with the dynamic SQL request.

**TDS-ENTRY-NOT-FOUND (-8)**

The specified column number, transaction number, or parameter does not exist.

**TDS-EXCEED-MAX-CON (-39)**

The maximum number of connections are already open.

**TDS-FLOAT-CONVERSION-ERROR (-21)**

Error in conversion of float values.

**TDS-GWLIB-BAD-VERSION (-16)**

The program version you are using is newer than the version of the Gateway-Library phase in use.

**\*TDS-GWLIB-FUNCTION-NOT-AVAILABLE (-25)**

The application calls a Client-Library function that is not supported by Open ClientConnect. Check the code to be sure all functions called are included in the *Open ServerConnect Programmer's Reference*.

**TDS-GWLIB-INTERNAL-ERROR (-14)**

Gateway-Library crashed.

**\*TDS-GWLIB-NO-STORAGE (-17)**

Could not get DSA for Gateway-Library.

This function is returned to the Client-Library functions CTBCONALLOC and CSBCTXALLOC.

**TDS-GWLIB-UNAVAILABLE (-15)**

Could not load SYGWCICS (the Gateway-Library phase).

**TDS-ILLEGAL-REQUEST (-5)**

Illegal function. The operation failed.

This code can indicate that a client application is trying to use a Gateway-Library function that is not supported for clients (for example, TDSNDROW).

**TDS-INFOMSG-PRESENT (202)**

There is a server or client message associated with the results of the last request.

**TDS-INVALID-ACTION (-44)**

The action was not CS-GET or CS-SET.

**TDS-INVALID-BOOLEAN (-180)**

Invalid Boolean value. Boolean values must be set to either CS-TRUE or CS-FALSE.

**TDS-INVALID-CONHANDLE (-40)**

Invalid connection handle address specified.

**TDS-INVALID-CONTEXT (-259)**

Invalid context handle address specified.

**TDS-INVALID-CURCLOSOPTION (-182)**

A "closed" cursor command specified an invalid option.

The Gateway-Library transaction received a "closed" cursor command, but the value of the *OPTION* field of the TDS-CURDESC structure is invalid. Valid options are TDS-CUR-UNUSED and TDS-CUR-DEALLOC.

**TDS-INVALID-CURDECLOPTION (-183)**

A declare cursor command has an invalid option specified.

The Gateway-Library transaction received a declare cursor command, but the value of the *OPTION* field of the TDS-

CURDESC structure is invalid. Valid options are TDS-CUR-UNUSED and TDS-CUR-DEALLOC.

**TDS-INVALID-CURDECLSTAT (-184)**

Illegal cursor declare option.

**TDS-INVALID-CURINFCMD (-195)**

Illegal cursor information command.

**TDS-INVALID-CURINSTAT (-185)**

Illegal cursor information status.

**TDS-INVALID-CUROPENSTAT (-187)**

Illegal cursor open status.

**TDS-INVALID-CURSOR-COMMAND (-194)**

The cursor command is not declare, open, fetch, delete, update, or close.

**TDS-INVALID-CURSOR-FSM (-78)**

Invalid cursor state.

**TDS-INVALID-CURUPDSTAT (-186)**

Illegal cursor update status.

**TDS-INVALID-DATA-CONVERSION (-172)**

Incompatible datatypes. The source datatype cannot be converted into the requested result datatype.

**TDS-INVALID-DATA-TYPE (-171)**

Illegal datatype. A Sybase datatype supplied in the call is not supported, and the conversion cannot be done. The operation failed.

**TDS-INVALID-DATAFMT-VALUE (-181)**

One or more values specified for fields in the DATAFMT structure are illegal.

This code is returned to Client-Library functions that use the Open Client DATAFMT structure: CTBBIND, CTBDESCRIBE, CTBPARM, and CSBCONVERT.

**TDS-INVALID-DYNSQL-COMMAND (-196)**

Invalid dynamic SQL command. The dynamic SQL command must be prepare, exec, deallocate, descin, descout, or ack.

**TDS-INVALID-DYNSQL-FSM (-79)**

Dynamic SQL request in invalid state.

**TDS-INVALID-DYNSTAT (-188)**

Invalid status for dynamic SQL request.

**TDS-INVALID-DYNTYPE (-189)**

Invalid type for dynamic SQL request.

**TDS-INVALID-FLAGS (-176)**

Invalid padding option for a field.

**TDS-INVALID-ID-VALUE (-10)**

The specified column or parameter number is greater than the system maximum. You can have as many columns per table result and parameters per RPC as Open Server allows.

**TDS-INVALID-IHANDLE (-19)**

Invalid IHANDLE specification. Error in specifying a value for the *IHANDLE* argument.

**TDS-INVALID-LENGTH (-173)**

Wrong length. The length specified in the xxx-LENGTH argument is too long.

**\*TDS-INVALID-NAMELENGTH (-179)**

Invalid name length. The length specified for the column, parameter, message, or server name is invalid.

This code is also returned to the Client-Library function CTBCONNECT (length of specified server name is invalid).

**TDS-INVALID-NET-PROTOCOL (-4992)**

Invalid network protocol.

**TDS-INVALID-OP-TYPE (-193)**

Invalid Dynamic SQL operation.

**\*TDS-INVALID-PARAMETER (-4)**

Invalid parameter value. The value assigned to one or more of the arguments supplied in the call is not valid. The operation failed.

This code is also returned to many Client-Library functions.

**TDS-INVALID-PRECISION (-177)**

Invalid precision value. The precision value specified during conversion of TDS-PACKED-DECIMAL data is invalid.

**TDS-INVALID-PROTOCOL (-4990)**

Invalid TDS protocol received.

**TDS-INVALID-SCALE (-178)**

Invalid scale value. The scale value specified during conversion of TDS-PACKED-DECIMAL data is invalid.

**TDS-INVALID-STATUS (-174)**

Invalid status value. The value entered in the *STATUS* field is invalid.

**TDS-INVALID-STRMLENGTH (-4991)**

Invalid TDS data stream length received, or invalid TDS data stream length specified.

**\*TDS-INVALID-TDPROC (-18)**

Error in specifying a value for the *TDPROC* argument.

This code can also be returned to the Client-Library function CTBCANCEL.

**TDS-INVALID-TERMINATOR (-45)**

Invalid terminator. The Terminator assigned to one or more parameters is not valid.

**\*TDS-INVALID-VAR-ADDRESS (-175)**

Specified variable address is invalid. No variable with the specified name exists. A NULL value was specified. The operation failed.

This code can also be returned to the Client-Library functions CTBBIND and CTBCONVERT.

**TDS-LOG-ERROR (-258)**

Attempt to write to the log file failed.

**TDS-LOGIN-FAILED (-4995)**

Gateway-less login was rejected, check validity of userid/password.

**TDS-MONEY-CONVERSION-ERROR (-22)**

Error in conversion of TDSMONEY-type data.

This might be a result of trying to convert to short money (TDSMONEY4) for a client using an early TDS version. TDS versions earlier than 4.2 do not support the short money datatype.

**\*TDS-MSG-SOS (-256)**

Memory shortage. Not enough memory is available to save messages. All messages stored previously were cleared.

This code can also be returned to the Client-Library function CTBDIAG.

**TDS-MSGID-PRESENT (207)**

The transaction has an outstanding server or client message.

**TDS-NO-BIND-ISSUED (-51)**

No bind issued. A bind is missing for the specified column.

**\*TDS-NO-COMPUTES-ALLOWED (-60)**

Compute results are not supported by Open ClientConnect.

This code is returned to the Client-Library functions CTBBIND and CTBDESCRIBE.

**TDS-NO-CURRENT-CURSOR (-200)**

There is no cursor associated with the current transaction.

**TDS-NO-CURRENT-DYNSQL (-201)**

There is no dynamic SQL request associated with the current transaction.

**TDS-NO-MSG-PRESENT (102)**

There are no messages associated with the current transaction.

**TDS-NO-NULINDI-TRUNC (-52)**

No null indicator. The data for the column is truncated, but no indicator is available.

**TDS-NO-NULINDI-NULRCVD (-53)**

No null indicator. The data for the column is NULL, but no indicator is available.

**TDS-NO-PARM-PRESENT (103)**

No incoming parameters present. TDRCVPRM cannot retrieve a parameter because no additional parameters were received. The operation failed.

**TDS-NO-ROW-PRESENT (100)**

There are no more rows in the current result set.

**TDS-NO-ROWS-RETURNED (104)**

There are no rows returned in the current result set. No rows were affected.

**TDS-NO-SQL-PRESENT (101)**

No incoming language string present. TDRCVSQL cannot retrieve more text because no more text was accepted. The operation failed.

**\*TDS-NOT-INITIALIZED (-32)**

The Connection Router is not initialized.

This code is returned to the Client-Library function CTBCONNECT.

**TDS-OK (0)**

Function completed successfully.

**TDS-OVERFLOW (-26)**

Numeric/decimal conversion failed.

**TDS-PARM-PRESENT (203)**

Parameter value received. A parameter was received from the remote client. This value is returned to TDRESULT when a parameter is accepted by a server program and is ready to be retrieved.

**\*TDS-RESULTS-CANCELED (-49)**

The result set was purged. The transaction may have called a routine that expects the wrong communication state.

This code is returned to the Client-Library functions CTBBIND and CTBDESCRIBE.

**TDS-RESULTS-COMPLETE (500)**

TDRESULT indicated no more results. No more language text, RPC parameters, cancel requests, or messages were retrieved.

**\*TDS-RESULTS-STILL-ACTIVE (-50)**

Results in progress. More results pending.

This code can be returned to CTBCMDDROP (cannot drop until all results process) and CTBEXIT (cannot close connection until all results process, unless *OPTION* is CS\_FORCE\_EXIT).



This code is returned to the Client-Library functions CTBCLOSE, CTBCONDRP, CTBCMDDROP and CTBEXIT.

**\*TDS-ROUTE-NOT-AVAILABLE (-34)**

Request route is not available. All paths are in use.

This code is returned to the Client-Library function CTBCONNECT.

**\*TDS-ROUTE-NOT-FOUND (-33)**

The requested route is not defined to the Connection Router.

This code is returned to the Client-Library function CTBCONNECT.

**TDS-ROW-PRESENT (200)**

Rows were returned in the current result set.

**\*TDS-SERVER-NOT-FOUND (-30)**

The requested server is not defined to the Connection Router.

This code is returned to the Client-Library function CTBCONNECT.

**TDS-SERVER-RETURNED-ERROR (-4996)**

There is an error in the results sent by the server.

**\*TDS-SOS (-257)**

Memory shortage. The host subsystem was unable to allocate enough memory for the control block that Gateway-Library was trying to create. The operation failed.

This code is returned to both Client-Library functions and Gateway-Library functions.

**TDS-SPA-NOT-SPECIFIED (-265)**

There is no scratch pad area designated for the IMS Conv Program.

**TDS-SQL-CMD-PRESENT (201)**

Language string received. A language request was received from a remote client. This value is returned to TDRESULT when a language string is accepted by a server program and is ready for retrieval.

**TDS-STRING-TOO-SMALL (-28)**

Numeric or decimal to character conversion failed. Output length of character string too small.

**TDS-STATUS-NOT-RECEIVED (-11)**

No status returned from client. No RETURN-STATUS-NUMBER is available because the server did not yet send the status back to the client.

**TDS-STATUS-PRESENT (204)**

A status was returned from the client.

**TDS-TAKE-SYNCPT (401)**

Sync point was successfully performed.

**\*TDS-TRANSLATION-ERROR (-27)**

Application could not translate a character code or user-defined character.

This code is returned to the Client-Library function CTBFETCH.

**TDS-TRUNCATION-ERROR (-20)**

Error occurred in truncation of data value.

**TDS-TRUNCATION-OCCURRED (-13)**

Data was truncated. The actual data length was longer than the maximum data length allotted for this data.

**TDS-WRONG-STATE (-6)**

The function cannot be used in the current communication state. For example, your program tried to send a reply before it read in all of the client's parameters. The application was still in RECEIVE state and could not send. The operation failed.

This code can be returned to both Gateway-Library and Client-Library functions.

# B

## Standard Communications Error Subcodes

This appendix lists the Common Programming Interface for Communications (CPIC) communications error subcodes that can be returned to Gateway-Library programs and to DirectConnect for MVS. The following is the subcode categories in this appendix:

- Subcodes Returned During Allocates, Sends, and Receives B-1
- Subcodes Indicating Programming Errors B-4
- Subcodes Indicating Errors Related to IBM Software B-4
- Subcodes Indicating Errors Related to CNM B-5
- Subcodes Indicating Errors Related to TDS or Other Protocols B-5

Within Gateway-Library programs, these codes are returned to TDACCEPT and TDSTATUS. See the *Open ServerConnect Programmer's Reference* for more information about these functions.

DirectConnect for DB2 converts error codes to U.S. English before returning them.

### Subcodes Returned During Allocates, Sends, and Receives

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The following subcodes indicate allocate errors that occur when allocating a conversation, sending data, and receiving data.

Table B-1: Subcodes for allocate errors

No.	Error Subcode	Explanation
1	XC_UNSUCCESSFUL	Call was unsuccessful.
2	XC_TPNNOTRECOG	Did not recognize transaction program name.
3	XC_INVALIDACC	An invalid account type was specified.
4	XC_CONVTYPE	Conversation type mismatch.
5	XC_BADSYNCLVL	Specified sync level is not supported.
6	XC_LUNSYNCLVL	Specified sync level is not supported by the current LU.
7	XC_PNSYNCLVL	Specified sync level is not supported by the current program.
8	XC_ALLOCFAILNR	Allocation failure. No retry.
9	XC_ALLOCFAILR	Allocation failure. Retry.
10	XC_TPSTARTNR	Transaction program cannot be started. No retry.
11	XC_TPSTARTR	Transaction program cannot be started. Retry.
12	XC_NORECONN	Reconnect is not supported.

**Table B-1: Subcodes for allocate errors (continued)**

No.	Error Subcode	Explanation
13	XC_NOTPRECONR	Cannot reconnect TP. Retry.
14	XC_NOTPRECONN	Cannot reconnect TP. No retry.
15	XC_NOPGRECONN	Reconnect is not supported by the current program.
16	XC_NOLURECONN	Reconnect is not supported by the current LU.
17	XC_NOPIP	Program initialization parameter (PIP) data is not supported.
18	XC_INVALIDPIP	The wrong PIP was specified.
19	XC_SVCTYPE	An unsupported datatype was specified.
20	XC_SHUTSESS	A shutdown request was received.
22	XC_WOULDBLOCK	Allocate will block waiting for session.
24	XC_SYM_DEST_NOT_FOUND	Could not find SYM-DEST-NAME in table.
25	XC_BADPATH	SNA Bad path name prefix or suffix, or path name is read only.
26	XC_SECVIOLATE	Allocation failed due to security violation.
27	XC_TRAN_FAILED	The transaction failed or there is deadlock.

The following subcodes indicate errors that occur while sending or receiving data.

**Table B-2: Subcodes for send and receive errors**

No.	Error Subcode	Explanation
30	XC_PROGPURG	Program error: purging.
31	XC_PROGPURGNOTR	Program error: no truncate.
32	XC_PROGPURGTR	Program error: truncate.
33	XC_SVCPURG	Switched virtual circuit (SVC) error: purging.
34	XC_SVCPURGNOTR	SVC error: no truncate.
35	XC_SVCPURGTR	SVC error: truncate.
37	XC_TOO_MANYPARMS	Too many parameters were specified for this operation.
38	XC_VIOLATED_RULE	The operation violated one or more rules.

The following subcodes indicate deallocation errors.

**Table B-3: Subcodes for deallocate errors**

No.	Error Subcode	Explanation
40	XC_PGMDEAL	Deallocate_abend_program.
41	XC_SVCDEAL	Deallocate_abend_svc (switched virtual circuit).
42	XC_TIMDEAL	Deallocate_abend_timer.

**Table B-3: Subcodes for deallocate errors (continued)**

No.	Error Subcode	Explanation
43	XC_NDELAY	Delay_allocation is not supported.

The following subcodes indicate general resource failures that can occur while allocating a conversation, sending data, or receiving data.

**Table B-4: Subcodes for general resource failure errors**

No.	Error Subcode	Explanation
50	XC_RESFAILR	Resource failure. Retry.
51	XC_RESFAILNR	Resource failure. No retry.
52	XC_RESFAILNOSES	No session: resource failure.
53	XC_SESLIMSET0	No session; session limit was set to 0.
54	XC_CONNSTOP	SNA connection stopped.
55	XC_LINEDOWN	SNA Link is down or inaccessible.
56	XC_CONNDOWN	SNA Connection (Profile) is not up.
57	XC_SNADOWN	SNA Services is stopped.
58	XC_NORESOURCES	SNA is out of resources.
59	XC_TIMEOUT	SNA Allocate timed out.
60	XC_INVALIDGEN	There is a problem with one of the AIX SNA Services profiles.
61	XC_BADFILENUM	SNA Services file number is invalid.
62	XC_HIT_MAXFILES	No more files can be opened; the maximum number allowed are already open.
63	XC_TXTBUSY	SNA path -- busy executable.
64	XC_TEMPSOS	SNA internal storage allocation failed.
65	XC_FNS	CMxxx function not supported. (IMS)
66	XC_WRONG_ENVIRON	Wrong environment for this call. (IMS)
67	XC_TOO_SHORT	Length of the buffer or parameter is too short.
68	XC_TOO_LONG	Length of the buffer or parameter is too long.
69	XC_IO_ERROR	An I/O error was detected.

## Subcodes Indicating Programming Errors

The following subcodes indicate programming errors on the part of the application programmer or in Sybase's code.

**Table B-5: Subcodes for application programming errors**

No.	Error Subcode	Explanation
70	XC_SNASTATE	Command was not issued in allowed state.
71	XC_GDSBOUND	Command was not issued on logical record boundary.
72	XC_INVALIDPARMS	Input parameters are invalid.
73	XC_INVALIDCMD	SNA Services command is invalid.
74	XC_BADADDRESS	Address for buffer or parameter is invalid.
75	XC_RESID	Resource ID (RID) is invalid.
76	XC_NORESTART	Recovery-level = restart is not supported.
77	XC_MAPS	Map name/Map execution errors.
78	XC_FMHS	Function Management Header (FMH) data is not supported by mapped conversion.
79	XC_NMVTLENGTH	Specified network management vector transport (NMVT) length is invalid.
80	XC_NMVTHDR	Specified NMVT HEADER is invalid.

## Subcodes Indicating Errors Related to IBM Software

The following subcodes indicate programming errors that are internal to IBM software.

**Table B-6: Subcodes for internal IBM programming errors**

No.	Error Subcode	Explanation
81	XC_PROTOCOL	SNA protocol violation.
82	XC_SNACODEFAIL	SNA system failure.
83	XC_NORCB	No RCB.
84	XC_NOMODECB	Cannot find the mode control block.
85	XC_SENSE	Sense code included.
86	XC_NOSESACT	Session was not established.
87	XC_IBMOTHER	Other, non-LU6.2 related errors.
88	XC_INOP	INOP received.
89	XC_HIERRESET	Hierarchical Reset received.
90	XC_NOLUREGIS	No LU registered.
91	XC_PUERP	SNA ACTPU (ERP) received.
92	XC_FILE_TOOBIG	File is too big (Error number 27).
93	XC_UNKNOWN_CODE	Unknown, unrecognized vendor code.

## Subcodes Indicating Errors Related to CNM

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The following subcodes indicate errors related to Communication Network Management (CNM).

**Table B-7: Subcodes for CNM-related errors**

No.	Error Subcode	Explanation
94	XC_UNDEF_SVR	Application server not defined.
95	XC_SSIDINVALID	Invalid System Services Control Point identifier (SSCP-ID) specified.
96	XC_SSCPPU	Errors in available SSCP-PU session.
97	XC_SSCPNOTACT	SSCP-PU session not active.

## Subcodes Indicating Errors Related to TDS or Other Protocols

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The following subcodes are returned when Gateway-Library forces an abend, due to Tabular Data Stream (TDS), or other protocol violations.

**Table B-8: Subcodes for Gateway-Library abends and protocol violations**

No.	Error Subcode	Explanation
100	XC_TDSABEND	TDS-level protocol violation.
101	XC_TDSPARMERR	TDS: internal parameter error.





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