

SYBASE®

Error Message Guide

**OpenSwitch™**

15.0

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# Contents

<b>About This Book .....</b>	<b>v</b>	
<b>CHAPTER 1</b>	<b>Introduction .....</b>	<b>1</b>
	Introduction .....	1
	Error types.....	1
	OpenSwitch and CM error log messages.....	2
	Messages sent to client applications.....	2
	Guidelines for error analysis.....	2
	Insufficient resources .....	3
	Network or input/output failures.....	4
	User errors .....	5
	Reporting errors .....	6
	Technical support checklist .....	7
<b>CHAPTER 2</b>	<b>Messages in the OpenSwitch Log .....</b>	<b>9</b>
	OpenSwitch log messages <variable> to cfg_server .....	10
	OpenSwitch log messages CMON to coord_wakeup .....	16
	OpenSwitch log messages CS-Library to event_stop .....	23
	OpenSwitch log messages ht_add to log_send .....	27
	OpenSwitch log messages main to os_set_bind.....	31
	OpenSwitch log messages pat_alloc to pool_set_prop_locked .....	38
	OpenSwitch log messages rmon_thread to sec_read_server.....	42
	OpenSwitch log messages server_alloc to tdata_set.....	47
	OpenSwitch log messages thrd_alloc to thrd_close.....	51
	OpenSwitch log messages thrd_connect to thrd_ctparams .....	55
	OpenSwitch log messages thrd_cur_alloc to thrd_doneerror .....	61
	OpenSwitch log messages thrd_dyns_alloc to thrd__orderby .....	65
	OpenSwitch log messages thrd__poll to thrd__rmtpwds .....	71
	OpenSwitch log messages thrd__secession_cb to thrd_connect..	76
	OpenSwitch log messages thrd_cursor to tsleep_dequeue .....	81
<b>CHAPTER 3</b>	<b>Messages in the Coordination Module Log.....</b>	<b>87</b>
	CM log messages cm_call_cb to cm_init .....	87

	CM log messages cm_ping to server message .....	94
<b>CHAPTER 4</b>	<b>Messages Returned to Clients by OpenSwitch .....</b>	<b>101</b>
	Message ID 1205 to 20050 .....	101
	Message ID 20051 to 20102 .....	105
<b>Index .....</b>		<b>111</b>

# About This Book

## Audience

This book is for OpenSwitch™ version 15.0 system administrators and assumes that you have:

- General knowledge of your operating system platform
- Familiarity with platform-specific commands used to manipulate the software and hardware
- General knowledge of Sybase® servers
- General knowledge of failover systems

## How to use this book

This guide is a reference for troubleshooting and error messages and contains these chapters:

- Chapter 1, “Introduction,” provides troubleshooting guidelines and tips.
- Chapter 2, “Messages in the OpenSwitch Log,” explains the messages that are logged in the OpenSwitch error log.
- Chapter 3, “Messages in the Coordination Module Log,” explains the messages that are logged in the coordination module error log.
- Chapter 4, “Messages Returned to Clients by OpenSwitch,” explains the messages that are sent to client applications.

## Related documents

The OpenSwitch documentation set consists of:

- *OpenSwitch Release Bulletin* – contains last-minute information that was too late to be included in the books.

A more recent version of the release bulletin may be available on the World Wide Web. To check for critical product or document information that was added after the release of the product CD, use the Sybase Product Manuals at <http://www.sybase.com/support/manuals/>.

- *OpenSwitch Installation Guide* for your platform – describes system requirements and provides installation and configuration procedures for OpenSwitch software.

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- *OpenSwitch New Features Guide* – describes the new and updated features in OpenSwitch.
  - *OpenSwitch Administration Guide* – explains how to administer OpenSwitch and how to reconfigure the product after installation.
  - *OpenSwitch Coordination Module Reference Manual* – describes how to develop and use OpenSwitch coordination modules.
  - *OpenSwitch Error Message Guide* (this book) – explains how to troubleshoot problems that you may encounter when using OpenSwitch, and provides explanations of error messages.
  - OpenSwitch Manager online help – describes the tasks you can perform in OpenSwitch Manager.
  - *Sybase Software Asset Management Users Guide* – describes Sybase asset management configuration concepts and tasks.
  - *FLEXnet Licensing User Guide* – this Macrovision manual explains FLEXnet Licensing for administrators and end users and describes how to use the tools which are part of the standard FLEXnet Licensing distribution kit from Sybase.
  - *SAMreport Users Guide* – this Macrovision manual explains how to use SAMreport, a report generator that helps you monitor the usage of applications that use FLEXnet Licensing.

#### **Other sources of information**

Use the Sybase Getting Started CD, the SyBooks™ CD, and the Sybase Product Manuals Web site to learn more about your product:

- The Getting Started CD contains release bulletins and installation guides in PDF format, and may also contain other documents or updated information not included on the SyBooks CD. It is included with your software. To read or print documents on the Getting Started CD, you need Adobe Acrobat Reader, which you can download at no charge from the Adobe Web site using a link provided on the CD.
- The SyBooks CD contains product manuals and is included with your software. The Eclipse-based SyBooks browser allows you to access the manuals in an easy-to-use, HTML-based format.

Some documentation may be provided in PDF format, which you can access through the PDF directory on the SyBooks CD. To read or print the PDF files, you need Adobe Acrobat Reader.

Refer to the *SyBooks Installation Guide* on the Getting Started CD, or the *README.txt* file on the SyBooks CD for instructions on installing and starting SyBooks.

- The Sybase Product Manuals Web site is an online version of the SyBooks CD that you can access using a standard Web browser. In addition to product manuals, you will find links to EBFs/Maintenance, Technical Documents, Case Management, Solved Cases, newsgroups, and the Sybase Developer Network.

To access the Sybase Product Manuals Web site, go to Product Manuals at <http://www.sybase.com/support/manuals/>.

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Technical documentation at the Sybase Web site is updated frequently.

#### ❖ Finding the latest information on product certifications

- 1 Point your Web browser to Technical Documents at <http://www.sybase.com/support/techdocs/>.
- 2 Click Certification Report.
- 3 In the Certification Report filter select a product, platform, and timeframe and then click Go.
- 4 Click a Certification Report title to display the report.

#### ❖ Finding the latest information on component certifications

- 1 Point your Web browser to Availability and Certification Reports at <http://certification.sybase.com/>.
- 2 Either select the product family and product under Search by Base Product; or select the platform and product under Search by Platform.
- 3 Select Search to display the availability and certification report for the selection.

#### ❖ Creating a personalized view of the Sybase Web site (including support pages)

Set up a MySybase profile. MySybase is a free service that allows you to create a personalized view of Sybase Web pages.

- 1 Point your Web browser to Technical Documents at <http://www.sybase.com/support/techdocs/>.
- 2 Click MySybase and create a MySybase profile.

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## Sybase EBFs and software maintenance

### ❖ Finding the latest information on EBFs and software maintenance

- 1 Point your Web browser to the Sybase Support Page at <http://www.sybase.com/support>.
- 2 Select EBFs/Maintenance. If prompted, enter your MySybase user name and password.
- 3 Select a product.
- 4 Specify a time frame and click Go. A list of EBF/Maintenance releases is displayed.

Padlock icons indicate that you do not have download authorization for certain EBF/Maintenance releases because you are not registered as a Technical Support Contact. If you have not registered, but have valid information provided by your Sybase representative or through your support contract, click Edit Roles to add the “Technical Support Contact” role to your MySybase profile.

- 5 Click the Info icon to display the EBF/Maintenance report, or click the product description to download the software.

## Conventions

The formatting conventions used in this document are:

Formatting example	To indicate
command names and method names	When used in descriptive text, this font indicates keywords such as: <ul style="list-style-type: none"><li>• Command names used in descriptive text</li><li>• C++ and Java method or class names used in descriptive text</li><li>• Java package names used in descriptive text</li></ul>
<i>myCounter</i> variable <i>server.log</i> <i>myfile.txt</i>	Italic font indicates: <ul style="list-style-type: none"><li>• Program variables</li><li>• Parts of input text that must be substituted</li><li>• File names</li></ul>
<i>sybase/bin</i>	Directory names appearing in text display in lowercase unless the system is case sensitive. A forward slash (“/”) indicates generic directory information. A backslash (“\”) applies to Windows users only.



Formatting example	To indicate
File   Save	Menu names and menu items display in plain text. The vertical bar indicates how to navigate menu selections. For example, File   Save indicates “select Save from the File menu.”
create table	Monospace font indicates: <ul style="list-style-type: none"> <li>• Information that you enter on a command line or as program text</li> <li>• Example output fragments</li> </ul>
table created	

### Accessibility features

This document is available in an HTML version that is specialized for accessibility. You can navigate the HTML with an adaptive technology such as a screen reader, or view it with a screen enlarger.

OpenSwitch version 15.0 and the HTML documentation have been tested for compliance with U.S. government Section 508 Accessibility requirements. Documents that comply with Section 508 generally also meet non-U.S. accessibility guidelines, such as the World Wide Web Consortium (W3C) guidelines for Web sites.

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**Note** You might need to configure your accessibility tool for optimal use. Some screen readers pronounce text based on its case; for example, they pronounce ALL UPPERCASE TEXT as initials, and Mixed Case Text as words. You might find it helpful to configure your tool to announce syntax conventions. Consult the documentation for your tool.

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For information about how Sybase supports accessibility, see Sybase Accessibility at <http://www.sybase.com/accessibility>. The Sybase Accessibility site includes links to information on Section 508 and W3C standards.

### If you need help

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.



# Introduction

This chapter describes OpenSwitch and coordination module errors that can occur and provides guidelines for error analysis and reporting.

<b>Topic</b>	<b>Page</b>
Introduction	1
Error types	1
Guidelines for error analysis	2
Reporting errors	6

## Introduction

This document describes error messages that can occur during execution of OpenSwitch and the coordination module (CM) in the absence of debug flags, which may help you resolve common problems. However, you may encounter other errors that are not documented here, such as Adaptive Server<sup>®</sup> errors. Where possible, this book explains where to find additional information.

If you cannot resolve a problem, see “Reporting errors” on page 6, which describes what information to gather before calling Sybase Technical Support.

## Error types

This document describes three error messages types:

- Messages sent to the OpenSwitch error log
- Messages sent to the coordination module error log
- Messages sent to the client application session

## OpenSwitch and CM error log messages

Messages logged to the OpenSwitch or CM error log do not use a consistent error numbering system. To find errors in this document, do a string search for the log file message. When searching for a string, omit details that refer to the specific instance of the error, since that information is represented in this document by variable names. For example, the logged error message: `pool_create: Unable to create pool POOL1.`

is documented as: `pool_create: Unable to create pool <POOL_NAME>`. To look up this message, you could search for “Unable to create pool”.

See Chapter 2, “Messages in the OpenSwitch Log,” and Chapter 3, “Messages in the Coordination Module Log,” for error log listings.

## Messages sent to client applications

The error messages OpenSwitch sends to a client session have an associated message ID. Use the message IDs to find the error message in this document. For example, the following can be found by searching for “2812”: `2812 Stored procedure <stored_procedure> not found`

Listings appear in Chapter 4, “Messages Returned to Clients by OpenSwitch.”

## Guidelines for error analysis

An error can sometimes have a cascade effect resulting in additional errors, given that the failure of one routine can also cause subsequent routines in its track to fail. Some of these errors affect only the thread of a particular client process, while others errors can affect the OpenSwitch server or coordination module process itself.

Errors that originate from the same thread have the same stored procedure ID (*spid*) in the OpenSwitch error log. Whenever possible, check the first error in a series of errors that share the same *spid* to diagnose the root cause of the problem.

Most errors result from:

- Insufficient resources

- Network or input/output failures
- User errors

## Insufficient resources

Errors caused by insufficient resources usually, but not always, contain the string `alloc` or `create`. These errors can occur whenever there are insufficient resources to perform a given task, such as allocating a structure, spawning a new thread, or creating a new mutex. The resource in question is usually memory (swap space), the number of file descriptors, or an upper limit on the mutex or threads available to a process.

Check the available resources, and increase the limiting resource when possible.

If system memory is the limiting factor, try to terminate other tasks on the machine, or consider running multiple OpenSwitch servers on different machines to serve the same pool of Adaptive Servers.

An OpenSwitch server's memory requirements are based on the number of client connections, the number of cache threads defined, and the size of the *interfaces* file on UNIX and the *sql.ini* file on Windows. Increasing the size or number of any of these objects can significantly increase the amount of memory OpenSwitch requires.

## Checking memory resources

Use the methods in this section to check memory resources.

### Unix

Use any of several UNIX commands to obtain total and available memory information. For example:

- `vmstat`
- `dmesg`, `top`, `pmap` (Sun Solaris)
- `glance` (HP-UX)
- `lsps`, `bootinfo`, `lsdev` (IBM AIX)

See your operating system documentation for commands specific to your platform.

### Windows

To check memory statistics:

- 1 Right-click an empty space on the Windows taskbar, then click Task Manager to open the Windows Task Manager.
- 2 Click the Performance tab.

#### All platforms

Some platforms may also limit the maximum amount of memory a process can use, regardless of the amount of memory available on the system, or place limits on the number of file descriptors, mutex, and threads that a process can create. See your operating system documentation for the specific commands to set these limits on your platform.

These types of errors are fatal and usually cause the OpenSwitch server or coordination module to shut down. Even if the process continues to run, you should:

- 1 Shut down the OpenSwitch server or coordination module if possible without disrupting work.
- 2 Check the available resources.
- 3 Restart the OpenSwitch server or coordination module when more resources are available.

See the *OpenSwitch Installation Guide* for your platform for system requirements. See Chapter 4, “Starting and Stopping OpenSwitch and RCMs,” in the *OpenSwitch Administration Guide* for instructions on starting and stopping OpenSwitch servers and CMs.

## Network or input/output failures

Network and input/output (I/O) errors occur when the OpenSwitch server tries to communicate with a client process or with the Adaptive Server, and the process or server does not respond. The problem is typically caused by one or more of these conditions:

- The client application disconnects abruptly due to a time-out
- The Adaptive Server is not responding
- A network error occurs

Network and I/O errors are usually non-fatal, and affect only one client. Sometimes a network problem can also cause such errors. You should decide whether to restart the OpenSwitch server based on the severity of the error, and whether the problem has been resolved; for example, when a network problem has been corrected.

## Client time-outs

If a client connection consistently times out before getting results, consider increasing the login time-out or response time-out of the client application. Refer to the client API documentation for instructions. Alternatively, you try to reduce the load on OpenSwitch by running multiple OpenSwitch servers, which reduces the number of clients each OpenSwitch process must serve at one time.

## Adaptive Server errors

If an Adaptive Server is not responding, it may be busy or it may have crashed. Take the following steps:

- 1 Check the Adaptive Server error log for any error messages. See the *Adaptive Server Enterprise Troubleshooting and Error Messages Guide* for more information.
- 2 ping the Adaptive Server host from the OpenSwitch host machine to verify that the network is operational.
- 3 Try to connect to the Adaptive Server using a regular isql connection to verify that the server is running and accepting connections.

If an Adaptive Server is not running, OpenSwitch fails over all client connections to the next available server in the server pool.

## Network errors

Network errors can also cause client time-outs and Adaptive Server errors. To check the network connection, ping the client or the Adaptive Server host from the OpenSwitch host machine. Occasionally a network problem can cause failures and time-outs in OpenSwitch as well, but if the network has recovered, the OpenSwitch server should no longer be affected.

## User errors

User errors result from incorrect use by a user or administrator. Common causes include:

- Incorrect syntax or format use in the OpenSwitch configuration file
- Incorrect syntax use in registered procedure calls
- Incorrect use of APIs in coordination modules

- Incorrect code in a client application

Check the appropriate Sybase document for information about the error:

- For OpenSwitch configuration file errors, refer to Chapter 5, “Using the Configuration File,” in the *OpenSwitch Administration Guide* for instructions on correctly configuring an OpenSwitch server.
- For registered procedure call errors, refer to Chapter 7, “Registered Procedures,” in the *OpenSwitch Administration Guide* for the correct registered procedure syntax.
- For coordination module errors, refer to the *OpenSwitch Coordination Module Reference Manual* for coordination module API syntax.
- For client application coding errors, refer to the appropriate Sybase documentation for the client API; for example, for an Open Client application, see the *Open Client Client-Library/C Reference Manual*.

## Reporting errors

If you need to report an error to Sybase Technical Support, have the following information on hand:

- The environment in which the error occurred, including:
  - OpenSwitch version
  - EBF number, if applicable
  - Operating system version
  - Hardware platform
  - Production or development environment
- The message number (if applicable) and complete error message text for any server errors
- A copy of the error log, including messages that displayed prior to start-up and immediately before or after the message. Include the version number and date information printed at the beginning of the error log
- Information about the environment, such as the operating system and platform
- The frequency with which the error occurs



- The client program in which the error occurred (isql, Open Client™ Client-Library™, Data Workbench®, and so on)

## Technical support checklist

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 to contact Sybase Technical Support, have the designated contact person print out and complete the PDF version of the following checklist (Figure 1-1 on page 8) to expedite the resolution of your problem before calling a Technical Support Center.

**Figure 1-1: Technical support checklist**

Site ID (customer number): _____
Case number: _____
Priority: _____
Support engineer: _____
Date case opened: _____
Date case closed: _____
Sybase server version (include SWR (EBF) version if applicable): _____
Operating system type and version: _____
Front-end (client) product and version (include SWR (EBF) version if applicable): _____
_____
Client machine operating system type and version: _____
_____
Description of the problem (include error numbers, error messages, circumstances in which problem occurred): _____
_____
_____
Other useful information (include copy of error logs, reproducible case, number of users on the system, average percent of CPU usage, any other pertinent information): _____
_____
_____

# Messages in the OpenSwitch Log

This chapter lists the messages sent to the OpenSwitch error log, troubleshooting tips, and suggested actions.

Topic	Page
OpenSwitch log messages <variable> to cfg_server	10
OpenSwitch log messages CMON to coord_wakeup	16
OpenSwitch log messages CS-Library to event_stop	23
OpenSwitch log messages ht_add to log_send	27
OpenSwitch log messages main to os_set_bind	31
OpenSwitch log messages pat_alloc to pool_set_prop_locked	38
OpenSwitch log messages rmon_thread to sec_read_server	42
OpenSwitch log messages server_alloc to tdata_set	47
OpenSwitch log messages thrd_alloc to thrd_close	51
OpenSwitch log messages thrd_connect to thrd_ctparams	55
OpenSwitch log messages thrd_cur_alloc to thrd_doneerror	61
OpenSwitch log messages thrd__dyns_alloc to thrd__orderby	65
OpenSwitch log messages thrd__poll to thrd__rmtpwds	71
OpenSwitch log messages thrd__secession_cb to thrd_connect	76
OpenSwitch log messages thrd_cursor to tsleep_dequeue	81

Errors are grouped in alphanumeric order using the first few characters of the message string. Since many messages contain variable components, like file names, the best way to locate a specific error is to search for a static portion of the error text.

Have the designated contact person call Sybase Technical Support when:

- The explanation presented for an error does not match your situation.
- The problem persists after applying the recommended action.
- There are multiple errors and you are unsure how to proceed.

Before you call, review the information in “Reporting errors” on page 6 and complete the “Technical support checklist” on page 7.

## OpenSwitch log messages <variable> to cfg\_server

Message text	Explanation and action
<FUNCTION_NAME>: Unable to grab cache count mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<FUNCTION_NAME>: Unable to grab connection monitor list mutex.	This is an OpenSwitch fatal internal error. Check prior errors appearing in the log file. Contact Sybase Technical Support for assistance.
<FUNCTION_NAME>: Unable to release cache count mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<FUNCTION_NAME>: Unable to release connection monitor list mutex.	OpenSwitch fatal internal error. Check prior errors appearing in the log file. Contact Sybase Technical Support for assistance.
<FUNCTION_NAME>: Unable to grab resource list mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<FUNCTION_NAME>: Unable to grab server list mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<FUNCTION_NAME>: Unable to release resource list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<FUNCTION_NAME>: Unable to release server list mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<where_str>: LEV=<msg_no.> ORG=<msg_no.> SEV=<msg_no.> NUM=N<msg_no.> ST=<state>: <msg_text>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
arg_alloc: Memory allocation failure.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
attrib_add: Attrib = '<ATTRIBUTE>', Entry = '<REGEX>': Error in reg expression	The wildcard expression in the connection attribute definition is incorrect. If this message appears while executing rp_cfg or at startup, check that connection attributes are defined correctly in the OpenSwitch configuration file. If this message is raised while executing rp_pool_addattrib, check that you are passing in the correct syntax for that registered procedure. See the <i>OpenSwitch Administration Guide</i> for the correct syntax for wild cards in defining connection attributes.
"attrib_add: Duplicate entry name '<VALUE>' for attribute '<ATTRIBUTE>'.	If you see this message while executing registered procedure rp_pool_addattrib, the entry name specified for the attribute in that pool already exists. Provide a value unique for the attribute in that pool.

Message text	Explanation and action
attrib_add: Invalid attribute name, '<ATTRIBUTE>'	If this message appeared while executing <code>rp_pool_addattrib</code> , an invalid attribute was passed to <code>rp_pool_addattrib</code> . See the <i>OpenSwitch Administration Guide</i> under Registered Procedure for the valid attributes for <code>rp_pool_addattrib</code> . If this message appears while executing <code>rp_cfg</code> , or at OpenSwitch startup, check the OpenSwitch configuration file under the [POOL] and [LIMIT_RESOURCE] sections to ensure that you have the correct attribute definitions for the connections.
attrib_add: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check the total memory on the OpenSwitch host and increase memory usage limits for the OpenSwitch process. If you get this error at startup, restart OpenSwitch after increasing the memory limit. If you get this error while executing <code>rp_pool_addattrib</code> or <code>rp_cfg</code> , restart OpenSwitch after increasing the memory limit and execute the command again.
attrib_create: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check the total memory on the OpenSwitch host; increase the memory usage limit for the OpenSwitch process, restart the OpenSwitch server and rerun the command.
attrib_read: <file>: line <#>: An error was encountered while adding <attrib_name>:<attrib_entry>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
attrib_read: <file>: line <#>: Expected ':' following attribute name	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
attrib_read: Memory allocation failure	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
attrib_read: Unable to open '<filename>': <ERROR_MSG>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
attrib_rem: No entry number <#> for attribute '<ATTRIBUTE>'	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
attrib_rem: No such attribute '<ATTRIBUTE>'	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
attrib_rem_name: No entry name '<REGEX>' for attribute '<ATTRIBUTE>'	Invalid attribute was passed to <code>rp_pool_remattrib</code> . See the <i>OpenSwitch Administration Guide</i> , Registered Procedure for the correct syntax for <code>rp_pool_remattrib</code> .

Message text	Explanation and action
attrib_rem_name: No such attribute ' <code>&lt;ATTRIBUTE&gt;</code> '	Invalid attribute passed to <code>rp_pool_remattrib</code> . See the <i>OpenSwitch Administration Guide</i> , Registered Procedure section for the valid attributes for <code>rp_pool_remattrib</code> .
attrib_write: No filename supplied	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
attrib_write: Unable to open ' <code>&lt;file&gt;</code> ': <code>&lt;ERROR_MSG&gt;</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_hdr: <code>&lt;CFG_FILENAME&gt;</code> : Line <code>&lt;N&gt;</code> : Expected <code>']'</code> .	A syntax error was detected in the OpenSwitch configuration file. Check that the closing bracket in the OpenSwitch configuration file header is <code>']'</code> . See the <i>OpenSwitch Administration Guide</i> for more information.
cfg_hdr: <code>&lt;CFG_FILENAME&gt;</code> : Line <code>&lt;N&gt;</code> : Garbage following <code>']'</code> .	A syntax error was detected in the OpenSwitch configuration file. Check that there are no garbage characters after the closing bracket
cfg_hdr: <code>&lt;CFG_FILENAME&gt;</code> : Line <code>&lt;N&gt;</code> : Memory allocation failed.	OpenSwitch encountered a memory allocation failure. Check the total memory on the OpenSwitch host. Increase the memory available for the OpenSwitch process, and restart the OpenSwitch server.
cfg_hdr: <code>&lt;SECTION_NAME&gt;</code> : Line <code>&lt;N&gt;</code> : Expected section name.	A syntax error was detected in the OpenSwitch configuration file. Check that the section name in the OpenSwitch configuration file is valid.
cfg_hdr: <code>&lt;CFG_FILENAME&gt;</code> : Line <code>&lt;N&gt;</code> : Expected name following <code>'='</code> .	A syntax error was detected in the OpenSwitch configuration file. Check that the header contains a valid name following <code>'='</code> .
cfg_context: Unable to allocate context structure.	Possible causes include: <ul style="list-style-type: none"> <li>insufficient memory</li> <li>missing localization files</li> <li>the value of the LANG environment variable does not match an entry in the locales file.</li> </ul>
cfg_context: Unable to initialize version <code>&lt;version&gt;</code> Open Server.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_context: Unable to install client error callback.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_ct: Unable to <code>&lt;enable disable&gt;</code> API checking.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_ct: Unable to allocate new locale structure.	Check that you have adequate memory. If the problem persists, call Sybase Technical Support to report the error.

Message text	Explanation and action
cfg_ct: Unable to change locale information for server.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_ct: Unable to configure interfaces file <FILENAME>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_ct: Unable to determine current locale information.	This message indicates that either the locale name is not found in the Sybase <i>locales</i> file, or the localization files are missing.
cfg_ct: Unable to set CHARSET of locale structure.	<ul style="list-style-type: none"> <li>• Verify that the 'CHARSET' property in the OpenSwitch configuration file is correctly set. See the <i>OpenSwitch Administration Guide</i> for more information on this property.</li> <li>• Check that the required localization files exist for the requested character set.</li> <li>• Check that the character set name is valid, corresponding to a subdirectory in the <i>\$SYBASE/charsets</i> directory.</li> </ul>
cfg_ct: Unable to set CS_LOGIN_TIMEOUT to <login_timeout>.	Check that the <i>LOGIN_TIMEOUT</i> property in the OpenSwitch configuration file is a valid value greater than 0. See the <i>OpenSwitch Administration Guide</i> for details.
cfg_ct: Unable to set CS_MAX_CONNECT to <N>.	Check that the OpenSwitch host machine is configured for a high enough number of connections. Check the file descriptor limits. Verify that the <i>CONNECTIONS</i> property in the OpenSwitch configuration file is correctly set. See to the <i>OpenSwitch Administration Guide</i> for details on this property.
cfg_ct: Unable to set CS_TIMEOUT to <TIMEOUT>.	This is an internal OpenSwitch error. Check that the <i>RESPONSE_TIMEOUT</i> property in the OpenSwitch configuration file is a valid value greater than 0. See the <i>OpenSwitch Administration Guide</i> for details.
cfg_ct: Unable to turn on CS_EXPOSE_FMTS.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_debug: Unable to create debugging file.	Unable to create debugging log file for connection/context tracing. You must use the development version of the OCS libraries. Check that the OCS development library is in the path before the OCS library.

Message text	Explanation and action
cfg_debug: Unable to set client protocol debugging options.	A call to ct_debug (CS_SET_FLAG) failed. Verify that the <i>CTX_TRACE</i> context trace flag in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_dump: One of sp or file_name must be NULL.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_exit: Error while exiting section <SECTION_NAME>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_read: Unable to open <CFG_FILENAME>, <STDERR>.	Check that the path to the OpenSwitch configuration file is correct.
cfg_read: <CFG_FILENAME>: Line <N>: Expected section header.	A syntax error was detected in the OpenSwitch configuration file. Check that the section header is valid. See the <i>OpenSwitch Administration Guide</i> for more information.
cfg_read: <CFG_FILENAME>: Line <N>: Unknown section name.	A syntax error was detected in the OpenSwitch configuration file. Check that the section name is valid. See the <i>OpenSwitch Administration Guide</i> for more information.
cfg_read: Error creating mutex.	This is an internal OpenSwitch message. Check available memory on the OpenSwitch host and limits, if any, on memory usage by the OpenSwitch process. Also check any kernel parameters for mutex configuration.
cfg_read: Error locking mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_read: Error while resetting section <SECTION_NAME>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_server: srv_capability for SRV_C_PREEMPT failed.	Preemptive scheduling is not available on this platform. Contact Sybase Technical Support for assistance.
cfg_server: Unable to configure interfaces file <FILENAME>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_server: Unable to configure server trace.	internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_server: Unable to install server error handler.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_server: Unable to set API checking to <TRUE FALSE>.	Verify that the <i>API_CHECK</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.



Message text	Explanation and action
cfg_server: Unable to set cache threads to <N>.	<ul style="list-style-type: none"> <li>• Check the number of threads per process in the OpenSwitch host machine</li> <li>• Check available memory.</li> <li>• Verify that the <i>CACHE_THREADS</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.</li> </ul>
cfg_server: Unable to set DISCONNECT to CS_TRUE.	internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_server: Unable to set IDLECOUNT to <N>.	Verify that the <i>IDLECOUNT</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_server: Unable to set log file to <LOGFILE>.	Verify that the <i>LOG_FILE</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_server: Unable to set max log size to <N>.	Verify that the <i>MAX_LOGSIZE</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_server: Unable to set max TDS packet size to <N>.	Verify that the <i>MAX_PACKETSIZE</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_server: Unable to set message queue size to <N>.	Verify that the <i>MSGQ_SIZE</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_server: Unable to set NUMCONNECTIONS to <N>	<p>Call to <code>srv_props(SRV_S_NUMCONNECTIONS)</code> failed. OpenSwitch tries to prepare for number of connections based on the higher of (<code>'CONNECTIONS'+ 'CACHE_THREADS'+1</code>), or 30.</p> <p>Check the settings for these two properties in the OpenSwitch configuration file, and check that there are enough file descriptors in the OpenSwitch host machine.</p>

Message text	Explanation and action
cfg_server: Unable to set NUMMUTEXES to <N>.	Call to srv_props(SRV_S_NUMMUTEXES) failed. The number of mutex OpenSwitch is preparing for is derived from the properties <i>CONNECTIONS</i> and <i>CACHE_THREADS</i> in the OpenSwitch configuration file; check that these parameters are set to reasonable values. Check for any kernel level mutex configuration on the OpenSwitch host, as well as any limit on the number of mutexes that a process can create on the system.
cfg_server: Unable to set NUMUSEREVENTS to <N>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_server: Unable to set Security Principal to <SECURITY_PRINCIPAL>.	Verify that the <i>SEC_PRINCIPAL</i> property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_server: Unable to set SRV_S_PREEMPT to CS_TRUE.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cfg_server: Unable to set SRV_S_TRUNCATELOG.	Verify that the 'TRUNCATE_LOG' property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.
cfg_server: Unable to set stack size to <N>.	Verify that the 'STACKSIZE' property in the OpenSwitch configuration file is set correctly. See the <i>OpenSwitch Administration Guide</i> for more information on this property.

## OpenSwitch log messages CMON to coord\_wakeup

Message text	Explanation and action
CMON: getting message from queue failed.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cmon_cfg_context: Unable to allocate context structure	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cmon_cfg_context: Unable to install client error callback	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cmon_cfg_context: Unable to initialize CT-LIB	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
<code>cmon__cfg_context: Unable to configure interfaces file &lt;FILENAME&gt;</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>cmon__connect_thread: connect to &lt;SERVERNAME&gt; failed.</code>	Check the values of <i>CMON_USER</i> and <i>CMON_PASSWORD</i> in the OpenSwitch configuration file. This error may also occur if the database server is not responding, which results in the switch of the clients connected to that server.
<code>cmon__connect_thread: Could not install error handler.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>cmon__connect_thread: Could not install message handler.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>cmon__connect_thread: ct_cmd_alloc failed.</code>	This is an internal OpenSwitch error, usually due to insufficient memory. Check the total memory on the OpenSwitch host and increase the memory and open file descriptors available to OpenSwitch.
<code>cmon__connect_thread: ct_command failed.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>cmon__connect_thread: ct_con_alloc() failed.</code>	This is an internal OpenSwitch message. Check the total memory on the OpenSwitch host and increase the memory and open file descriptors available to OpenSwitch.
<code>cmon__connect_thread: ct_con_props(CS_HAFAILOVER) failed.</code>	This is an internal OpenSwitch error. Check that <ul style="list-style-type: none"> <li>You are running OpenSwitch version 12.5 or later</li> <li>The library path for the OpenSwitch server is set correctly to load libraries shipped with OpenSwitch.</li> </ul> Contact Sybase Technical Support if you need assistance.
<code>cmon__connect_thread: ct_con_props(CS_SET, CS_PASSWORD) failed.</code>	Check the value of the <i>CMON_PASSWORD</i> option in the OpenSwitch configuration file.
<code>cmon__connect_thread: ct_con_props(CS_SET, CS_USERNAME) failed.</code>	Check the value of the <i>CMON_USER</i> option in the OpenSwitch configuration file.
<code>cmon__connect_thread: ct_send failed.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>cmon__connect_thread: Unable to allocate thrd_t structure.</code>	This is an internal OpenSwitch error, usually due to insufficient memory. Check the total memory on the OpenSwitch host and increase the memory and open file descriptors available to OpenSwitch.
<code>cmon__connect_thread: Unable to get global context</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
cmon__connect_thread: Unable to set connection userdata.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cmon__disconnect: ct_close failed.	This is a diagnostic message and can be safely ignored.
cmon__disconnect: ct_con_drop failed.	This is a diagnostic message and can be safely ignored.
cmon__disconnect: ct_con_props(CS_GET) failed.	This is a diagnostic message and can be safely ignored.
cmon__markasdown: server name not found.	This is an internal OpenSwitch error which can be ignored unless it occurs often or causes unexpected OpenSwitch behavior.
cmon__markasdown: Unable to get thread list.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file, and call Sybase Technical Support for assistance.
cmon__thread: Failed to spawn connection thread.	This is a fatal OpenSwitch error which indicates that the upper limit on the number of threads or available memory has been reached. Try increasing the value of <i>CONNECTIONS</i> or (if you are using connection caching) <i>CACHE_THREADS</i> in the OpenSwitch configuration file.
cmon__thread: Fatal Internal error!! Invalid Operation.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cmon__thread: Unable to allocate thrd_t structure.	This is an internal OpenSwitch error and is usually caused by insufficient memory. Check previous errors in the log. Check the total memory on the OpenSwitch host and the memory available to OpenSwitch.
cmon__thread: Unable to release thread list.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file, and call Sybase Technical Support for assistance.
cmon__sendmsg: Failed to put message in the queue.	This is an internal OpenSwitch error. Increase the value of <i>CACHE_THREADS</i> (default 50) and <i>MSGQ_SIZE</i> (default 1024) in the OpenSwitch configuration file. See the <i>OpenSwitch Administration Guide</i> for details.
cmon__start: Disabling connection monitor.	Check the prior messages in the OpenSwitch log and take the action recommended for those messages.
cmon__start: Failed to configure cmon context	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
cmon__start: Failed to spawn connection monitor.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
cmon_start: Unable to allocate connection monitor message queue.	This is a fatal OpenSwitch error. Increase the value of <i>CACHE_THREADS</i> (default 50) in the OpenSwitch configuration file.
cmon_start: Unable to allocate connection monitor mutex.	This is a fatal OpenSwitch error. Increase the value of <i>CONNECTIONS</i> in the OpenSwitch configuration file.
cmon_stop: monitor is not running.	You can ignore this error message. It occurs only during OpenSwitch shutdown.
cmon_stop: Unable to delete connection monitor message queue.	You can ignore this error message. It occurs only during OpenSwitch shutdown.
cmon_stop: Unable to drop connection monitor mutex.	You can ignore this error message. It occurs only during OpenSwitch shutdown.
coord_event: Unable to fetch user data.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_mtime_cb: Unable to lock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_mtime_cb: Unable to send queued message.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_mtime_cb: Unable to unlock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @appname parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @cur_server parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @database parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @hostname parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @nxt_server parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @pool parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @rsn_code parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @rsn_text parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @spid parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Error specifying @username parameter.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
coord_notif_srv: Unable to call 'np_req_srv' notification proc.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_notif_srv: Unable to initialize 'np_req_srv' registered procedure.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_poll: Unable to issue SRV_URGDISCONNECT.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_poll: Unable to send DEADLOCK message.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_queue_event: Unable to queue coordination event.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_sleep: Unable to change state string.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_sleep: Unable to fetch state string.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_sleep: Unable to set state string.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_stime_cb: Unable to queue coordination event.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_add: Unable to lock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_add: Unable to queue message callback.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_add: Unable to unlock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_cancel: Unable to lock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_cancel: Unable to unlock global message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_cancel: Unable to unlock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_exit: Error destroying message list mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @appname parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @cur_server parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @database parameter for bv'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @hostname parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
coord_init: Error specifying @nxt_server parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @pool parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @rsn_code parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @rsn_text parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @spid parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Error specifying @username parameter for 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Unable to allocate message list mutex.	This error may be caused by insufficient memory. Check that you have adequate memory on the OpenSwitch host. Contact Sybase Technical Support if needed.
coord_init: Unable to create 'np_req_srv'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Unable to create coordination event.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Unable to register event handler.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_init: Unable to register notification procedure.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_ncoords: Unable to lock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_ncoords: Unable to unlock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_rem: Unable to lock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_rem: Unable to unlock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_srv: Memory allocation failure.	Check the total memory on the OpenSwitch host and the memory available for the OpenSwitch process. Contact Sybase Technical Support if needed.
coord_req_srv: Unable to lock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_srv: Unable to send message to client about	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_srv: Unable to unlock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
coord_req_srv_n: Memory allocation failure.	Check the total memory on the OpenSwitch host and the memory available for the OpenSwitch process. Contact Sybase Technical Support if needed.
coord_req_srv_n: Unable to lock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_srv_n: Unable to send message to client about connection blocked due to enforced CM mode.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_srv_n: Unable to unlock message list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_switch: Cannot specify both grace period and deadlock.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_switch: Unable to add to timer list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_switch: Unable to queue switch event.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_switch_n: Cannot specify both grace period and deadlock.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_switch_n: Unable to add to timer list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_req_switch_n: Unable to queue switch event.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_set_srv: No server request is pending.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_switch: Cannot specify both grace period and deadlock.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_switch: Switching to a locked pool <POOL NAME> Thread is blocked until this pool is marked as up	This is an informational message. During an rp_switch, OpenSwitch finds a <i>LOCKED</i> pool and so the client threads will be blocked until the pool is marked <i>UP</i> .
coord_switch: Switching to a locked server <SERVER NAME> Thread is blocked until this server is marked as up.	This is an informational message. During an rp_switch, OpenSwitch finds a <i>LOCKED</i> server and so the client threads will be blocked until the server is marked <i>UP</i>
coord_switch: Unable to add to timer list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_switch: Unable to determine available server in pool <POOL_NAME>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_switch: Unable to determine pool to be used.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.



Message text	Explanation and action
coord_switch: Unable to determine server id.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
coord_wakeup: Unable to set spid state message.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

## OpenSwitch log messages CS-Library to event\_stop

Message text	Explanation and action
CS-Library Operating System Error <os_number> - <os_string>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
dyns_get_stmtid: mem_alloc(idlen) failed!	OpenSwitch encountered a memory allocation failure. Either reduce the load on this machine, or increase the memory available to the OpenSwitch process on host machine and restart the OpenSwitch server.
dyns_get_stmtid: srv_dynamic(CS_GET, SRV_DYN_ID) failed!	Verify that the client application called ct_dynamic with a valid <i>id</i> . See the relevant Sybase documents for your client's APIs.
dyns_get_stmtid: srv_dynamic(CS_GET, SRV_DYN_IDLELEN) failed!	Check the call to ct_dynamic in the client application and verify that a valid strlen of the ( <i>ID</i> ) <i>CS_NULLTERM</i> is passed. See the relevant Sybase documents for your client's APIs.
event_connect: An error occurred while getting the TDS level from the server you are connecting to. Verify that the server is still up and that you have connectivity.	Check that the Adaptive Server is still running and that you can connect to it.
event_bulk: Unable to release control of the thread.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_connect: An error occurred while negotiating the request capabilities with the Server you are connecting to. Verify that the server is still running and that you have connectivity.	Check that the Adaptive Server is still running and that you can connect to it.
event_connect: An error occurred while negotiating the request capabilities with the client application. Verify that the client application is still running and that it has connectivity to the OpenSwitch.	This message is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch operation is not affected, you can ignore this message. Otherwise, call Sybase Technical Support for assistance.

Message text	Explanation and action
event_connect: An error occurred while negotiating the response capabilities with the Server you are connecting to. Verify that the server is still running and that you have connectivity.	Verify that Adaptive Server is still running and that you can connect to it.
event_connect: An error occurred while negotiating the response capabilities with the client application. Verify that the client application is still running and that it has connectivity to the OpenSwitch.	This message is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch operation is not affected, you can ignore this message. Otherwise, call Sybase Technical Support for assistance.
event_connect: Cannot determine thread type.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_cursor: Fatal thread error...	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_cursor: srv_cursor_props(CS_GET) failed.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_debug: %s: Unable to determine if an attention or disconnect event triggered the handler	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_debug: <FUNCTION_NAME>: Unable to determine if an attention or disconnect event triggered the handler.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_debug: <FUNCTION_NAME>: Unable to get the context of the client.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_disconnect: Cannot determine thread type.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_disconnect: il8n_free_locale failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_dynamic: Unable to release thread control.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_fp: Error sending to client.	The client may have disconnected due to time-out or network errors. If the client connection is intact, call Sybase Technical Support for assistance.
event_fp: Cleaning up failed SRV_LANGUAGE.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_fp: ct_recvpsassthru failed.	The client may have disconnected due to time-out or network errors. If the client connection is intact, call Sybase Technical Support for assistance.
event_fp: Failure during recv from client.	The client may have disconnected due to time-out or network errors. If the client connection is intact, contact Sybase Technical Support for assistance.

Message text	Explanation and action
event_fp: Failure during send to server.	Check that the Adaptive Server is still running and that you can connect to it.
event_fp: thrd_get failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_fp: Unable to create new command.	This is an internal OpenSwitch error, usually due to insufficient memory. Check available memory on the OpenSwitch host and limits, if any, on memory available to the OpenSwitch process.
event_fp: Unable to release control of the thread.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_fp: Unexpected state from ct_sendpassthru.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_init: \$OPENSWITCH_CFG: Invalid value for option.	The environment variable <i>OPENSWITCH_CFG</i> may be incorrectly set. Check that it points to a valid OpenSwitch configuration file.
event_init: <option>: Invalid option"	Check that the specified command line option in the configuration file is valid.
event_init: <option>: Invalid value for option.	Check that the value specified for the command line option in the configuration file is valid.
event_init: -c: No configuration file defined.	Check that you have correctly specified the configuration file with its absolute path.
event_init: Call to pool_init() failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_init: Call to server_init() failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_init: Call to unilib_init() failed	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_init: Error accessing configuration file.	Check that the absolute location of the configuration file is valid.
event_init: Error performing service initialization.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_init: Failed to initialize shared locks.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_init: -R: Must supply 'install' and 'remove'.	Check that a valid argument was supplied for the -R option. Valid arguments are install and remove.
event_init: Unable to allocate memory pool.	Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
event_init: Unable to configure server.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file and contact Sybase Technical Support to report the error.

Message text	Explanation and action
event_init: Unable to find or read the locale message file: <lcu_filename>.	Check that the <i>oswitch.lcu</i> file exists in the <i>\$SYBASE/locales/unicode/oswitch/&lt;language&gt;</i> (UNIX) or <i>%SYBASE%\locals\unicode\oswitch\&lt;language&gt;</i> (Windows) directory. If it does, contact Sybase Technical Support to report the error.
event_init: Unable to initialize server.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_init: Unable to initialize CT-Library.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_init: Unable to initialize debugging.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_init: Unable to initialize <version> Open Client.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_lang: Unable to release control of the thread.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_option: Unable to release control of the thread.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_rpc: Cannot determine thread type.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_rpc: Unable to release thread control.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_start: Error processing config file.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_start: Unable to initialize registered procs.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_start: Unable to start services.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_start: Unable to start up mutex service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_start: Unable to stop services.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_start_services: Unable to shut down sleep service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_start_services: Unable to shut down slock service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_start_services: Unable to shut down thread service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_start_services: Unable to start connection monitor.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.

Message text	Explanation and action
event_start_services: Unable to start resource monitor.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_start_services: Unable to start thread service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_start_services: Unable to start timer service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_stop: Shutting Down.	This is an informational message. The server is shutting down and all client connections will be terminated.
event_stop: Unable to shut down thread service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_stop_services: Unable to shut down mutex service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_stop_services: Unable to shut down resource monitor service.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
event_stop_services: Unable to shut down sleep service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
event_stop_services: Unable to shut down slock service.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

## OpenSwitch log messages ht\_add to log\_send

Message text	Explanation and action
ht_add: duplicate key <KEY>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
ht_add: invalid parameters	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
ht_add: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check the total memory on the OpenSwitch host and increase memory usage limits for the OpenSwitch process.
ht_add: strdup for key failure	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
ht_get: invalid parameters	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
i18n_CIDmap_init: ht_add failed, i = <count>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
<code>i18n__CIDmap_init: ht_create failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n__GetCID_byname failed: invalid parameter</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n__GetCID_byname: Failed matching charset &lt;CHARSET&gt; to CID, use iso_8859-2</code>	The character set used by both OpenSwitch and the client application could not be found in the Unicode file table. Verify your <i>charset</i> settings. Contact Sybase Technical Support if needed.
<code>i18n__init: Failed to convert names</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n__init: Failed to get message handle: &lt;return code&gt;</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n__init: Failed to open message file: &lt;return code&gt;</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n__init: unicnv_HandleGet failed for charset &lt;CHARSET&gt;</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n__init: unicset_GetIdFromName failed, charset = &lt;CHARSET&gt;</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n_free_locale: i18nuni_HandleFree failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n_free_locale: tdata_get failed</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
<code>i18n_free_locale: unicnv_HandleFree failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n__init: i18n__CIDmap_init failed</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
<code>i18n_set_locale: cs_loc_alloc failed</code>	This is an internal OpenSwitch error, usually due to insufficient memory. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
<code>i18n_set_locale: cs_locale (CS_GET) failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>i18n_set_locale: i18n__init failed for lang &lt;language&gt;, charset &lt;CHARSET&gt;</code>	The server is unable to initialize the locale environment from the client connection locale attributes. Check previous errors in the OpenSwitch log file.
<code>i18n_set_locale: malloc failed for loc_info</code>	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.

Message text	Explanation and action
i18n_set_locale: OpenSwitch's charset <CHARSET> does not match client connection's charset <CHARSET>, will use language <locale>, charset <CHARSET> to display OpenSwitch messages!	This is an informational message indicating that the character set used in the client application is different from the <i>CHARSET</i> setting in OpenSwitch. This should not affect the results returned to the client. You may suppress this message by setting <i>SUPPRESS_CHARSET</i> to 1 in the OpenSwitch configuration file.
i18n_set_locale: Unable to get CS_CONTEXT	This is an internal OpenSwitch error. The call to <i>srv_thread_props</i> (CS_GET, SRV_T_CONTEXT) failed. Check previous errors in the OpenSwitch log file. Contact Sybase Technical Support for assistance.
i18n_set_locale: Unable to get locale info.	This is an internal OpenSwitch error. The call to <i>srv_thread_props</i> (CS_GET, SRV_T_LOCALE) failed. Contact Sybase Technical Support for assistance.
i18n_xlate: Failed retrieving locale info	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
i18n_xlate: MsgId <message ID>, argument initialization failed	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
i18n_xlate: MsgId <message ID>, composition failed\n", msgid	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
i18n_xlate: MsgId <message ID>, failed adding arguments: <count>, <ARGUMENT_NAME>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
i18n_xlate: MsgId <message ID>, lookup failed\n", msgid	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
i18n_xlate: Null SRV_PROC	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
i18n_xlate: uniconv_unistrToS failed, rc = <return code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
list_delete: Error grabbing iteration mutex for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_delete: Error releasing iteration mutex for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_insert: Attempt to insert while list <LIST> is in bad state	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_insert: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
list_iter_init: Error grabbing lock on list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.

Message text	Explanation and action
list_iter_restore: Error grabbing iteration mutex for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_restore: Error grabbing shared lock on list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_restore: Error releasing iteration mutex for <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_save: Error grabbing iteration mutex for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_save: Error releasing iteration mutex for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_save: Error unlocking shared list lock for <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_alloc: Error allocating shared lock	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_alloc: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
list_alloc: Unable to create master mutex for <MUTEX>	Check any previous errors in the OpenSwitch error log. OpenSwitch may have temporarily run out of memory or other resources for creating a mutex. Contact Sybase Technical Support if needed.
list_free: Error destroying iteration mutex for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_free: Error destroying shared lock for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_free: Error locking exclusive list lock for <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_insert: Error grabbing lock on list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_insert: Error releasing lock on list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_delete: Error deleting from list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_delete: Error releasing shared lock on <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_done: Error grabbing iteration mutex for list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_done: Error releasing iteration mutex for <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.



Message text	Explanation and action
list_iter_done: Error unlocking shared list lock for <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_insert: Error acquiring shared lock on <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_insert: Error inserting into list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_iter_insert: Error releasing shared lock on <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_try_delete: Error grabbing lock on list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
list_try_delete: Error releasing lock on list <LIST>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
log_prop: Only CS_SET is supported at this time	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
log_prop: SET/OSLOG: Invalid value received	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
log_prop: SET/SPID: Invalid value received	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
log_prop: SET/SRVLOG: Invalid value received	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
log_prop: SET/STDERR: Invalid value received	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
log_prop: SET: Invalid property	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
log_send failed: NULL SRV_PROC	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
log_send: Unable to fetch context	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

## OpenSwitch log messages main to os\_set\_bind

Message text	Explanation and action
main: Error calling srv_run().	Check that you do not have a server already running on the same port and the same host.
main: Unable to initialize context.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.

Message text	Explanation and action
main: Unable to install shutdown handler.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
main: Unable to install start-up handler.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mem_dbg_alloc: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
mem_dbg_alloc: Ran out of free tracking nodes	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mem_dbg_init: Unable to allocate <N> bytes for hash table	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
mem_dbg_init: Unable to allocate <N> bytes for heap	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
mempool_alloc: Bogus memory handle!	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mempool_free: Bogus memory handle!	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mempool_free: Freeing unassigned block!	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mempool_getblock: Internal memory allocate error!	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mempool_getblock: mem_alloc() failed!	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
mempool_init: Default_block_size <= 0!	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mempool_init: mem_alloc() failed!	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.

Message text	Explanation and action
msgq_spid_alloc: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
msgq_clear: <QUEUE>: Unable to wake sleepers on spid <ID>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
msgq_create: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
msgq_destroy: <QUEUE>: Unable to wake for spid <ID>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
msgq_get: <QUEUE>: Unable to create entry for spid <ID>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
msgq_put: <QUEUE>: Queue for spid <ID> is full	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
msgq_put: <QUEUE>: Unable to create entry for spid <ID>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
msgq_put: <QUEUE>: Unable to wake sleepers on spid <ID>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_lock: Unable to lock global mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
mtx_unlock: Unable to unlock global mutex	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_create: <MUTEX/ADDRESS>: Unable to destroy mutex	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_create: <MUTEX/ADDRESS>: Unable to unlock global list!	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_create: <MUTEX>: Error while creating mutex <object name>	OpenSwitch may have temporarily run out of memory or other resources for creating a mutex. Check previous errors in the OpenSwitch log file. Contact Sybase Technical Support if needed.
mtx_create: <MUTEX>: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.

Message text	Explanation and action
mtx_create: <MUTEX>: Unable to create mutex	OpenSwitch may have temporarily run out of memory or other resources for creating a mutex. Check previous errors in the OpenSwitch log file. Contact Sybase Technical Support if needed.
mtx_create: <MUTEX>: Unable to unlock global list!	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_create: Unable to lock global list	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
mtx_destroy: <MUTEX/ADDRESS>: Unable to lock global list	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
mtx_destroy: <MUTEX/ADDRESS>: Unable to unlock mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
mtx_destroy: <MUTEX>: Attempt to destroy non-existent mutex <ADDRESS>	An error during thread processing resulted in thread thrashing and some threads may have been corrupted. Contact Sybase Technical Support for assistance.
mtx_destroy: Unable to destroy addr #<MUTEX> (mutex)	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_destroy: Unable to unlock global list!	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
mtx_dump_all: Unable to lock global list	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
mtx_dump_all: Unable to unlock global list	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_exit: Unable to destroy global mutex	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_exit: Unable to destroy mutex #addr (mutex)	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
mtx_exit: Unable to lock global mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
mtx_init: Error while creating mutex <MUTEX>	OpenSwitch may have temporarily run out of memory or other resources for creating a mutex. Check previous errors in the OpenSwitch log file. Contact Sybase Technical Support if needed.
mtx_init: Unable to create mutex	OpenSwitch may have temporarily run out of memory or other resources for creating a mutex. Check previous errors in the OpenSwitch log file. Contact Sybase Technical Support if needed.
mtx_lock: NULL mutex handle passed	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
<code>mtx_sleep(&lt;LABEL&gt;): &lt;MUTEX/ADDRESS&gt;: Called from thread that does not own mutex</code>	An error during thread processing resulted in thread thrashing and some threads may have been corrupted. Contact Sybase Technical Support for assistance.
<code>mtx_sleep(&lt;LABEL&gt;): &lt;MUTEX/ADDRESS&gt;: Error unlocking mutex</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
<code>mtx_sleep(&lt;LABEL&gt;): &lt;MUTEX/ADDRESS&gt;: Reference count must be 1 (rc=&lt;N&gt;)</code>	An error during thread processing resulted in thread thrashing and some threads may have been corrupted. Contact Sybase Technical Support for assistance.
<code>mtx_sleep(&lt;LABEL&gt;): &lt;MUTEX/ADDRESS&gt;: sleep failed, info=&lt;info&gt;</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>mtx_sleep(&lt;LABEL&gt;): &lt;MUTEX/ADDRESS&gt;: tsleep_wait() failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>mtx_sleep(&lt;LABEL&gt;): &lt;MUTEX/ADDRESS&gt;: Unable to re-lock mutex</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
<code>mtx_sleep(&lt;LABEL&gt;): &lt;MUTEX/ADDRESS&gt;: Unable to re-lock mutex after sleep fails.</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
<code>mtx_unlock: &lt;MUTEX/ADDRESS/ADDRESS&gt;: Unable to unlock (rc=&lt;N&gt;)</code>	An error during thread processing resulted in thread thrashing and some threads may have been corrupted. Contact Sybase Technical Support for assistance.
<code>mtx_unlock: &lt;MUTEX/ADDRESS/ADDRESS&gt;: Unlock attempt by non-owner (rc=&lt;N&gt;)</code>	An error during thread processing resulted in thread thrashing and some threads may have been corrupted. Contact Sybase Technical Support for assistance.
<code>mtx_unlock: Invalid argument</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>opt_alloc: Memory allocation failure.</code>	Check available memory on the OpenSwitch host and limits, if any, on memory available to the OpenSwitch process.
<code>opt_exit: Error destroying opt_mtx.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>opt_exit: Unable to lock opt_mtx.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
<code>opt_get: CONNECT_LOGIN_TIMEOUT is obsolete. Please use 'LOGIN_TIMEOUT' instead.</code>	Use the <i>LOGIN_TIMEOUT</i> property instead of the <i>CONNECT_LOGIN_TIMEOUT</i> property to specify the login time-out for the connection between OpenSwitch and Adaptive Server.

Message text	Explanation and action
opt_get: CONNECT_TIMEOUT is obsolete. Please use 'RESPONSE_TIMEOUT' instead.	Use the <i>RESPONSE_TIMEOUT</i> property instead of the <i>CONNECT_TIMEOUT</i> property to specify the response time-out for the connection between OpenSwitch and Adaptive Server.
opt_get: Error unlocking opt_mtx.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
opt_get: Unable to lock opt_mtx.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
opt_get_bool: Unable to get bool property	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
opt_init: Error creating option mutex.	This is an internal OpenSwitch error. Check available memory on the OpenSwitch host and limits, if any, on memory available to the OpenSwitch process. Contact Sybase Technical Support for assistance.
opt_parse: illegal option - <FLAG>.	Check the validity of OpenSwitch command-line startup options. See the <i>OpenSwitch Administration Guide</i> for more information.
opt_parse: option does not take an argument - <FLAG>.	Check the validity of OpenSwitch command-line startup options. See the <i>OpenSwitch Administration Guide</i> for more information.
opt_parse: option requires an argument - <FLAG>.	Check the validity of OpenSwitch command-line startup options. See the <i>OpenSwitch Administration Guide</i> for more information.
opt_set: Error unlocking opt_mtx.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
opt_set: Memory allocation failure.	Check the total memory on the OpenSwitch host and the memory available for the OpenSwitch process.
opt_set: Unable to lock opt_mtx.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_doneerror: srv_senddone(SRV_DONE_FINAL   ERROR) failed!	The client may have disconnected due to time-out or network errors. If the client connection is intact, contact Sybase Technical Support for assistance.
os_doneerror: srv_thread_props(CS_GET, SRV_T_IODEAD) failed!	This message is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch operation is not affected, you can ignore this message. Otherwise, contact Sybase Technical Support for assistance.
os_get_bool: Unable to get bool property	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
os_get_params: Can't bind argument	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_get_params: Unable to transfer data from client	The client may have disconnected due to time-out or network errors. If the client connection is intact, contact Sybase Technical Support for assistance.
os_raise_error: srv_props(SRV_S_SERVERNAME) failed.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_regexec: <REGISTERED_PROCEDURE_NAME>: Unable to bind parameters	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_regexec: <REGISTERED_PROCEDURE_NAME>: Unable to describe parameters	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_regexec: <REGISTERED_PROCEDURE_NAME>: Unable to execute	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_regexec: <REGISTERED_PROCEDURE_NAME>: Unable to initialize	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_regproc: Unable to create '<REGISTERED_PROCEDURE_NAME>'	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_regproc: Unable to define '<REGISTERED_PROCEDURE_NAME>'	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_regproc: Unable to register arg <ARGUMENT_NAME> of <REGISTERED_PROCEDURE_NAME>	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_sendmsg: i18n_xlate failed	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
os_sendmsg: Unable to get context	Call to srv_thread_props (CS_GET, SRV_T_CONTEXT) failed. internal OpenSwitch message. Contact Sybase Technical Support to report this error.
os_set_bind: Can't bind row data	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
os_set_bind: Unable to describe row format	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

## OpenSwitch log messages pat\_alloc to pool\_set\_prop\_locked

Message text	Explanation and action
pat__alloc: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
pat__find: Invalid pattern node '<TYPE>'	Check that the attributes you tried to add are correct. See the <i>OpenSwitch Administration Guide</i> for the syntax used in defining attributes, and for a list of valid attributes and their values.
pat__match: Invalid pattern node '<TYPE>'	Check that the attributes you tried to add are correct. See the <i>OpenSwitch Administration Guide</i> for the syntax used in defining attributes, and for a list of valid attributes and their values.
pat_compile: Expected ']' in expression	The server was unable to find the wildcard closing bracket (]) in the attribute entry. See the <i>OpenSwitch Administration Guide</i> on using wild cards in the configuration file.
pat_compile: Expected character following \	Check that the attributes you tried to add are correct. See the <i>OpenSwitch Administration Guide</i> for the syntax used in defining attributes, and for a list of valid attributes and their values.
pat_compile: Expected character following '-'	There was an incorrect use of the wildcard range character (-) in the attribute entry. See the <i>OpenSwitch Administration Guide</i> for details on using wild cards in the configuration file.
pat_compile: Expected character following '\'	There was an incorrect use of the wildcard range character (\) in the attribute entry. See the <i>OpenSwitch Administration Guide</i> for details on using wild cards in the configuration file.
pat_compile: Invalid expression '[]'	There are no patterns to match between the wildcard brackets in the attribute entry. See the <i>OpenSwitch Administration Guide</i> for details on using wild cards in the configuration file.
pat_compile: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
pool__alloc: Memory allocation failure.	Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process.
pool__get: Error while iterating global pool list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_add_attr: Invalid argument.	Check that the Pool name, attribute name and attribute value are not NULL.



Message text	Explanation and action
pool_add_attrib: Unable to add attribute to pool <POOL_NAME>.	This problem may be due to insufficient memory. Check the available memory on the OpenSwitch host. Contact Sybase Technical Support if needed.
pool_add_attrib: Unable to allocate attrib structure for <POOL_NAME>.	This problem may be due to insufficient memory. Check the available memory on the OpenSwitch host. Call Sybase Technical Support if needed.
pool_add_server: <POOL_NAME>: Duplicate server entry for server <SERVERNAME>.	There is already a server entry with this name in the specified pool. Provide a unique server name for the specified pool.
pool_add_server: Error while creating server entry for <SERVERNAME>.	This problem may be due to insufficient memory. Check the available memory on the OpenSwitch host. Call Sybase Technical Support if needed.
pool_add_server: Invalid argument.	Check that you specified a valid Pool name or Server Name. <i>NULL</i> values are not allowed for either the Pool or Server names.
pool_add_server: Memory allocation failure.	This error is usually due to insufficient memory. Check available memory on the OpenSwitch host and limits, if any, on memory available to the OpenSwitch process.
pool_add_server: There is a maximum of <N>.	You have exceeded the limit for servers per pool. See the <i>OpenSwitch Administration Guide</i> for more information, and take appropriate action.
pool_create: Attempt to create duplicate pool <POOL_NAME>.	The supplied pool name has already been created. Log into OpenSwitch as an Administrator and execute <code>rp_pool_help</code> to find the available pools.
pool_create: Error inserting pool into global list.	This problem may be due to insufficient memory. Check the available memory on the OpenSwitch host. Contact Sybase Technical Support if needed.
pool_create: No such relative pool <POOL_NAME>.	Check that the relative pool exists. Use the <code>rp_pool_help</code> registered procedure to verify the available pools.
pool_create: Unable to create pool <POOL_NAME>.	Check the OpenSwitch log file for previous errors. Check the available memory on the OpenSwitch host. Contact Sybase Technical Support if needed.
pool_destroy: Error deleting pool <POOL_NAME> from list.	Check that a valid pool name was specified. Contact Sybase Technical Support if needed.
pool_destroy: Error iterating through global pool list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_exit: Error deleting pool <POOL_NAME> from list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_exit: Error destroying global sleep mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.

Message text	Explanation and action
pool_exit: Error iterating through global pool list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_get_pool: Error locking sleep mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_get_pool: Error unlocking sleep mutex.	This is an internal OpenSwitch error. Call Sybase Technical Support to report the error.
pool_get_pool: Unable to find pool for username <USER_NAME>, <APP_NAME>, <HOST_NAME>.	This message indicates that no pool matches the specified user, application, and host names. Ensure that <ul style="list-style-type: none"> <li>the connection attributes in the pool match one of the specified values, or</li> <li>You have a “catch-all” pool at the end of the list of pools in your OpenSwitch configuration file.</li> </ul> See the <i>OpenSwitch Administration Guide</i> for more information.
pool_get_pool: Unable to sleep on pool <POOL_NAME>.	This is an internal OpenSwitch error. Call Sybase Technical Support to report the error.
pool_get_prop: Invalid argument.	This is an internal OpenSwitch error. Call Sybase Technical Support to report the error.
pool_init: Error allocating global list of pools.	Check available memory on the OpenSwitch host and limits, if any, on memory available to the OpenSwitch process.
pool_init: Unable to create global sleep mutex.	Check available memory on the OpenSwitch host and limits, if any, on memory available to the OpenSwitch process.
pool_rem: Error locking sleep mutex.	This is an internal OpenSwitch error. Call Sybase Technical Support to report the error.
pool_rem: Error unlocking sleep mutex.	This is an internal OpenSwitch error. Call Sybase Technical Support to report the error.
pool_rem: Pool <POOL_NAME> does not exist.	Check that the specified pool exists. Use the rp_pool_help registered procedure to verify the available pools.
pool_rem: Unable to destroy pool <POOL_NAME>.	This is an internal OpenSwitch error. Call Sybase Technical Support to report the error.
pool_rem_attrib: Invalid argument.	Check that the pool name, attribute name and attribute value are not NULL.
pool_rem_attrib: Unable to remove attrib structure for <POOL_NAME>.	Check the OpenSwitch log file for previous errors. Check that the pool attributes are valid. Call Sybase Technical Support if needed.
pool_rem_server: Invalid argument.	Check that the Pool name and Server name are valid and are not NULL. See the <i>OpenSwitch Administration Guide</i> for details.

Message text	Explanation and action
pool_rem_server: Server <SERVERNAME> does not exist for pool <POOL_NAME>.	Check that the specified server name is valid and exists in the pool. See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop: Error unlocking sleep mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_set_prop: Invalid argument.	Check that the specified pool name is valid. Use <code>rp_pool_help</code> to check the available pool names. Check that the MODE is valid ( <i>CHAINED</i> or <i>BALANCED</i> ). See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop: Invalid cache duration <SECONDS>.	Check that the pool cache is set to a valid value (zero [0] or greater than zero [>0]). See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop: Invalid value for POOL_P_MODE: <MODE>.	Check that the MODE is valid ( <i>CHAINED</i> or <i>BALANCED</i> ). See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop: Invalid value for POOL_P_STATUS: <STATUS>.	Check that the pool status is valid ( <i>UP</i> , <i>DOWN</i> , or <i>LOCKED</i> ). See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop_locked: Error locking sleep mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_set_prop_locked: Error unlocking sleep mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
pool_set_prop_locked: Invalid argument.	Check that a valid pool name was supplied. Use <code>rp_pool_help</code> to check the available pool names. Check that the MODE is valid ( <i>CHAINED</i> or <i>BALANCED</i> ). See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop_locked: Invalid cache duration <SECONDS>.	Check that the pool cache is set to a valid value (zero [0] or greater than zero [>0]). See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop_locked: Invalid value for POOL_P_MODE: <MODE>.	Check that the pool mode is valid ( <i>CHAINED</i> or <i>BALANCED</i> ). See the <i>OpenSwitch Administration Guide</i> for details.
pool_set_prop_locked: Invalid value for POOL_P_STATUS: <STATUS>.	Check that the pool status is valid ( <i>UP</i> , <i>DOWN</i> , or <i>LOCKED</i> ). See the <i>OpenSwitch Administration Guide</i> for details.

## OpenSwitch log messages rmon\_thread to sec\_read\_server

Message text	Explanation and action
rmon_thread: Error during sleep cycle.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rmon_thread: Unable to cancel spid <spid>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rmon_thread: Unable to get thread list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rmon_thread: Unable to kill spid <spid>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rmon_thread: Unable to queue cancel message.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rmon_thread: Unable to release thread list.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rmon_add: Memory allocation failure.	Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process.
rmon_add: Unable to add <ATTRIBUTE>, <ENTRY>.	This error may be due to insufficient memory. Check available memory on the OpenSwitch host. Contact Sybase Technical Support if needed.
rmon_start: Failed to spawn resource monitor.	Check available memory on the OpenSwitch host.
rmon_start: Unable to allocate resource mutex.	Check available memory on the OpenSwitch host.
rmon_stop: Resource monitor is not running.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rp_cancel: Error queueing cancel message to spid <spid>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
rp_conn: ct_con_alloc failed	OpenSwitch may have run out of memory or file descriptors. Check available memory on the machine. Increase memory and open file descriptors per process. Contact Sybase Technical Support if the problem persists.
rp_conn: ct_con_props(ASYNC_NOTIFS) failed	This is an internal OpenSwitch error. A call to ct_con_props(CS_SET, CS_ASYNC_NOTIFS) failed. Check for previous errors in the OpenSwitch log. Contact Sybase Technical Support for assistance.

Message text	Explanation and action
rp_conn: ct_con_props(PASSWORD) failed	This is an internal OpenSwitch error. A call to ct_con_props(CS_SET, CS_PASSWORD) failed. Check for previous errors in the OpenSwitch log. Contact Sybase Technical Support for assistance.
rp_conn: ct_con_props(USERNAME) failed	This is an internal OpenSwitch error. A call to ct_con_props(CS_SET, CS_USERNAME) failed. Check for previous errors in the OpenSwitch log. Contact Sybase Technical Support for assistance.
rp_conn: ct_connect(<USERNAME>, <password>, <server>) failed	OpenSwitch was unable to connect to Adaptive Server using the supplied user name and password. Check the following: <ul style="list-style-type: none"> <li>• Username and password</li> <li>• Previous errors in the OpenSwitch error log</li> <li>• Messages in the Adaptive Server error log</li> </ul>
rp_init: Error defining param '<parameter>' for proc '<REGISTERED_PROCEDURE_NAME>'	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rp_init: Error defining procedure `<registered procedure name>'	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rp_init: Unable to create procedure '<REGISTERED_PROCEDURE_NAME>'	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rp_init: Unable to spawn thread.	OpenSwitch may have run out of memory or file descriptors. Check available memory on the machine. Increase memory and open file descriptors per process. Contact Sybase Technical Support if the problem persists.
rp_lang: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
rp_lang: Unable to determine language length	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rp_lang: Unable to fetch language string	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
rp_msg: Unable to get spid id of caller	This is an internal OpenSwitch error. A call to srv_thread_props(CS_GET, SRV_T_SPID) failed. Check for previous errors in the OpenSwitch log. Contact Sybase Technical Support for assistance.
rp_msg: Unable to get initialize list iterator	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.

Message text	Explanation and action
rp_msg: Unable to queue message to spid <spid>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
rp_rmon: Unable to bind results	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
rp_rmon: Unable to describe results	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
rp_rmon: Unable to grab resource list	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
rp_rmon: Unable to transfer results	Check that the client is still connected, and that the network is working, then try running the command again.
rp_shutdown: Final senddone failed.	Check that the client is still connected, and that the network is working, then try running the command again.
rp_shutdown: Shutting down!	This is an informational message. An rp_shutdown command has been issued for this OpenSwitch server. The server is shutting down and all client connections will be terminated.
rp_switch: Cannot find pool for spid <spid>, <USERNAME>, <HOST>, <APPLICATION>	The pool name passed in by the rp_switch command does not qualify as a pool for this connection. Check the connection configuration for this pool in the OpenSwitch configuration file and verify that the spid's user/application/host/type can connect to it.
sec_enter_pool: <CFG_FILENAME>: Line <N>: Error creating pool <POOL_NAME>.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
sec_enter_pool: <CFG_FILENAME>: Line <N>: Error setting cache for pool <POOL_NAME>.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
sec_enter_pool: <CFG_FILENAME>: Line <N>: Error setting mode for pool <POOL_NAME>.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
sec_enter_pool: <CFG_FILENAME>: Line <N>: Error setting status for pool <POOL_NAME>.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
sec_enter_pool: <CFG_FILENAME>: Line <N>: Invalid argument <arg_name>.	A syntax error was detected in the OpenSwitch configuration file. Check that the options in the [POOL] section are valid ( <i>MODE</i> , <i>STATUS</i> or <i>CACHE</i> ).
sec_enter_pool: <CFG_FILENAME>: Line <N>: Invalid cache value <arg_value>.	A syntax error was detected in the OpenSwitch configuration file. Check that the <i>CACHE</i> value in the [POOL] section is valid.(>= 0).
sec_enter_pool: <CFG_FILENAME>: Line <N>: Invalid mode <arg_value>(use CHAINED or BALANCED).	A syntax error was detected in the OpenSwitch configuration file. Check that the <i>MODE</i> in the [POOL] section is valid ( <i>CHAINED</i> or <i>BALANCED</i> ).

Message text	Explanation and action
sec__enter_pool: <CFG_FILENAME>: Line <N>: Invalid status <arg_value> (use UP or DOWN).	A syntax error was detected in the OpenSwitch configuration file. Check that the STATUS in the [POOL] section is valid ( <i>UP</i> or <i>DOWN</i> ).
sec__enter_pool: <CFG_FILENAME>: Line <N>: POOL section requires a name.	A syntax error was detected in the OpenSwitch configuration file. Check that the pool name in the [POOL] section is valid. See the <i>OpenSwitch Administration Guide</i> for details.
sec__enter_rmon: <CFG_FILENAME>: Line <N>: Expected ':' following attribute name.	A syntax error was detected in the OpenSwitch configuration file. Check that a colon (:) follows the attribute in the [LIMIT_RESOURCE] or [POOL] section.
sec__enter_rmon: <CFG_FILENAME>: Line <N>: Invalid action <arg_value> (use CANCEL or KILL).	A syntax error was detected in the OpenSwitch configuration file. Check that the ACTION attributes in the [LIMIT_RESOURCE] section are valid ( <i>CANCEL</i> , <i>KILL</i> ).
sec__enter_rmon: <CFG_FILENAME>: Line <N>: Invalid resource name <arg_name>.	A syntax error was detected in the OpenSwitch configuration file. Check that the resource names in the [LIMIT_RESOURCE] section are valid ( <i>BUSY</i> , <i>ACTION</i> ).
sec__enter_rmon: <CFG_FILENAME>: Line <N>: No resources specified.	A syntax error was detected in the OpenSwitch configuration file. No resources were specified in the [LIMIT_RESOURCE] section. Specify a valid resource and retry.
sec__enter_rmon: <CFG_FILENAME>: Line <N>: Section name not permitted.	A syntax error was detected in the OpenSwitch configuration file. The [LIMIT_RESOURCE] section does not allow a section name. See the <i>OpenSwitch Administration Guide</i> for details.
sec__enter_rmon: <CFG_FILENAME>: Line <N>: Unable to set resource limit.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
sec__enter_server: <CFG_FILENAME>: Line <N>: Expected '=' following SERVER declaration.	A syntax error was detected in the OpenSwitch configuration file. Check that the server declaration is followed by an equal sign (=). See the <i>OpenSwitch Administration Guide</i> for details.
sec__enter_server: <CFG_FILENAME>: Line <N>: SERVER section does not accept arguments.	A syntax error was detected in the OpenSwitch configuration file. Ensure that the [SERVER] section has no arguments. See the <i>OpenSwitch Administration Guide</i> for details on configuring the [SERVER] section.
sec__read_cfg: <CFG_FILENAME>: Line <N>: Expected '='.	A syntax error was detected in the OpenSwitch configuration file. Check that a '=' follows the variable name in the [SERVER] section. See the <i>OpenSwitch Administration Guide</i> for details.

Message text	Explanation and action
sec_read_cfg: <CFG_FILENAME>: Line <N>: Invalid parameter or value for <variable_name>.	A syntax error was detected in the OpenSwitch configuration file. Check that variable values in the [CONFIG] section are valid. See the <i>OpenSwitch Administration Guide</i> for details.
sec_read_cfg: <CFG_FILENAME>: Line <N>: Invalid variable name.	A syntax error was detected in the OpenSwitch configuration file. Check that the variable names in the [CONFIG] section are valid. See the <i>OpenSwitch Administration Guide</i> for details.
sec_read_cfg: CONNECT_LOGIN_TIMEOUT is obsolete. Please use 'LOGIN_TIMEOUT' instead.	Use the <i>LOGIN_TIMEOUT</i> property instead of the <i>CONNECT_LOGIN_TIMEOUT</i> property to specify the login time-out for the connection between OpenSwitch and Adaptive Server.
sec_read_cfg: CONNECT_TIMEOUT is obsolete. Please use 'RESPONSE_TIMEOUT' instead.	Use the <i>RESPONSE_TIMEOUT</i> property instead of the <i>CONNECT_TIMEOUT</i> property to specify the response time-out for the connection between OpenSwitch and Adaptive Server.
sec_read_pool: <CFG_FILENAME>: Line <N>: Error adding <attrib_name>: <attrib_entry> to pool <POOL_NAME>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
sec_read_pool: <CFG_FILENAME>: Line <N>: Error adding server <SERVERNAME> to pool <POOL_NAME>.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
sec_read_pool: <CFG_FILENAME>: Line <N>: Expected ':' following attribute name.	A syntax error was detected in the OpenSwitch configuration file. Check that a colon (:) follows the attribute in the [LIMIT_RESOURCE] or [POOL] section.
sec_read_pool: <CFG_FILENAME>: Line <N>: Pool <POOL_NAME>, <SERVERNAME> is not a valid server name.	An error was detected in the OpenSwitch configuration file. Check that the server names in the [POOL] section are valid.
sec_read_pool: <CFG_FILENAME>: Line <N>: Unexpected section type.	A syntax error was detected in the OpenSwitch configuration file. Check that the subsection names under the [POOL] section are valid ( <i>servers</i> , <i>connections</i> )
sec_read_pool: <CFG_FILENAME>: Line <N>: Values for 'type' must be 'site' or 'client'.	A syntax error was detected in the OpenSwitch configuration file. Check that the type attribute in the connections subsection of the [POOL] section is valid ( <i>site</i> or <i>client</i> ). See the <i>OpenSwitch Administration Guide</i> for details.
sec_read_server: <CFG_FILENAME>: Line <N>:Error setting SERVER_P_TYPE property.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
sec_read_server: <CFG_FILENAME>: Line <N>: Error setting SERVER_P_STATUS property.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.



Message text	Explanation and action
sec_read_server: <CFG_FILENAME>: Line <N>: Expected '='.	A syntax error was detected in the OpenSwitch configuration file. Check that a colon (:) follows the variable name in the [SERVER] section. See the <i>OpenSwitch Administration Guide</i> for details.
sec_read_server: <CFG_FILENAME>: Line <N>: Invalid SERVER config variable <variable_name>.	A syntax error was detected in the OpenSwitch configuration file. Check that the variable names in the [SERVER] section are valid ( <i>STATUS</i> , <i>TYPE</i> ).
sec_read_server: <CFG_FILENAME>: Line <N>: Invalid variable name.	A syntax error was detected in the OpenSwitch configuration file. Check that the variable names in the [SERVER] section are valid ( <i>STATUS</i> , <i>TYPE</i> ). See the <i>OpenSwitch Administration Guide</i> for details.
sec_read_server: <CFG_FILENAME>: Line <N>: Server STATUS must be either UP or DOWN.	A syntax error was detected in the OpenSwitch configuration file. Check that the STATUS variable in the [SERVER] section has valid values ( <i>UP</i> , <i>DOWN</i> ).
sec_read_server: <CFG_FILENAME>: Line <N>: Server TYPE must be either HA or ha.	A syntax error was detected in the OpenSwitch configuration file. Check that the TYPE variable in the [SERVER] section has valid values ( <i>HA</i> , <i>ha</i> ).

## OpenSwitch log messages server\_alloc to tdata\_set

Message text	Explanation and action
server_alloc: Memory allocation failure.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
server_get_prop: Invalid property <property>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
server_get_prop: Invalid server name 'NULL'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
server_get_prop: Invalid server value 'NULL'.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
server_init: Unable to create server list mutex.	This error may be due to insufficient memory. Check that you have adequate system memory. Contact Sybase Technical Support if needed.
server_set_prop: Invalid property <property>.	Check that the supplied property is valid. See the <i>OpenSwitch Administration Guide</i> for details.

Message text	Explanation and action
server_set_prop: Invalid server name 'NULL'.	Check that the supplied server name is not NULL. See the <i>OpenSwitch Administration Guide</i> for details.
server_set_prop: Invalid value for SERVER_P_STATUS.	Check that Server Status has a valid value ( <i>UP</i> , <i>DOWN</i> or <i>LOCKED</i> ).
server_set_prop: Invalid value for SERVER_P_TYPE.	Check that Server Type has a valid value of <i>HA</i> .
service_main: Error recording current service state	Check any previous errors in the OpenSwitch error log.
service_main: Error recording SERVICE_RUNNING status	Check any previous errors in the OpenSwitch error log.
service_main: Error registering control handler	OpenSwitch was unable to register the control handler Check the application log or event log for additional information about this failure.
service_init: Cannot find <PATH>/ConfigFile in registry: <ERROR_MSG>	Check that the configuration file exists in the location pointed to be <PATH>, and that it is the same file used to start the OpenSwitch server. The error string contains more information.
service_init: Cannot start service dispatcher:	An error had occurred while connecting the main service thread to the service control manager thread. Check the application log or event log for additional information about this failure.
service_init: Unable to spawn service management thread	An error occurred when OpenSwitch tried to spawn a thread to talk to the service manager on Windows. Check the application log or event log for additional information about this failure.
service_install: Cannot fetch the binary image path: <ERROR_MSG>	Check that the OpenSwitch binary file <i>OSwitch.exe</i> exists in the location specified by the error (it normally resides in %OPENSWITCH%\bin). The error string contains more information.
service_install: Cannot set ConfigFile to <PATH>: <ERROR_MSG>	OpenSwitch was unable to set the configuration file path to the specified path for this registry key. The error string contains more information.
service_install: Cannot set ImagePath to <PATH>: <ERROR_MSG>	OpenSwitch was unable to set the binary image path to the specified path for this registry key. The error string contains more information.
service_install: Failed to create service <SVC_NAME>: <ERROR_MSG>	OpenSwitch was unable to create a service for the new server. The error string contains more information.
service_install: Failed to look up key <KEY>	Check previous errors in the OpenSwitch log file. Check the application log or event log for additional information about this failure.

Message text	Explanation and action
service_install: GetModuleFileName() failed	OpenSwitch was unable to retrieve the fully qualified path for the specified module. Check the application log or event log for additional information about this failure.
service_install: OpenSCManager() failed: <ERROR_MSG>	OpenSwitch was unable to access the service control manager database. The error string contains more information.
service_remove: <SVC_NAME> failed to stop	OpenSwitch was unable to stop its service on the registry. Check the application log or event log for additional information about this failure.
service_remove: failed to remove service <SVC_NAME>	OpenSwitch was unable to remove its service from the registry. Check the application log or event log for additional information about this failure.
service_remove: OpenSCManager() failed: <ERROR_MSG>	OpenSwitch was unable to access the service control manager database. The error string contains more information.
service_remove: OpenService(<SVC_NAME>) failed: <ERROR_MSG>	OpenSwitch was unable to open the existing service. The error string contains more information.
service_status: SetServiceStatus(): <ERROR_MSG>	OpenSwitch was unable to set the service status for its service. The error string contains more information.
slock_create: <LOCK>: Unable to create exclusive mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_create: <LOCK>: Unable to destroy shared mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_create: <LOCK>: Unable to unlock global lock	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_create: Could not lock global mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_create: Unable to unlock global lock	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_destroy: <MUTEX>: Unable to destroy shared mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_destroy: Could not lock global mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_destroy: Unable to unlock global lock	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_destroy:<MUTEX>: Unable to destroy exclusive mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_exit: <LOCK>: Unable to destroy exclusive mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.

Message text	Explanation and action
slock_exit: <LOCK>: Unable to destroy shared mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_exit: Could not lock global mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_exit: Unable to destroy global mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_init: Unable to create slock_mtx	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_lock: <LOCK>: Unable to unlock exclusive lock	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_lock: <LOCK>: Unable to unlock shared lock	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_unlock: <LOCK>: Unable to unlock exclusive lock '<LOCK>'	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
slock_unlock: <LOCK>: Unable to unlock shared lock	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
SRVLIB Fatal Process Error: N<errno.>/S<severity>/T<state>: <errtext>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
SRVLIB O/S Error: <os_errorno.>: <os_errortext>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
SRVLIB: N<errno.>/S<severity>/T<state>: <errtext>.	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
tdata_alloc: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
tdata_alloc: Unable to set user data	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
tdata_free: Unable to clear user data	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
tdata_set: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
tdata_set: Unable to create new table	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.

## OpenSwitch log messages thrd\_alloc to thrd\_close

Message text	Explanation and action
thrd_alloc: Error inserting into global thread list	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
thrd_alloc: srv_capability_info(CS_CAP_RESPONSE) failed	Call to srv_capability_info (CS_GET, CS_CAP_RESPONSE) failed. The client may have disconnected, due to time-out or other errors, before OpenSwitch responded. This could be due to a network delay or excessive system load. Check the CPU and memory usage of each process running on the system for more information.
thrd_alloc: Unable to allocate locale structure	This is an internal OpenSwitch error, usually due to insufficient memory or file descriptors. Check previous errors in the OpenSwitch log file. Check the total memory on the OpenSwitch host and the open file descriptors available to OpenSwitch.
thrd_alloc: Unable to allocate mutex '<MUTEX>'	Check previous errors in the OpenSwitch log file. OpenSwitch may have temporarily run out of memory or other resources to create a mutex. If the problem persists, contact Sybase Technical Support.
thrd_alloc: Unable to attach thread data to SRV_PROC	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
thrd_alloc: Unable to fetch APPLNAME property	This is an internal OpenSwitch error. Contact Sybase Technical Support to report the error.
thrd_alloc: Unable to fetch CLIB property	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_CLIB) failed. Contact Sybase Technical Support
thrd_alloc: Unable to fetch HOSTNAME property	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_HOSTNAME) failed. Contact Sybase Technical Support.
thrd_alloc: Unable to fetch PASSWORD property	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_PWD) failed. Contact Sybase Technical Support.
thrd_alloc: Unable to fetch SRV_T_NEGLOGIN property	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_NEGLOGIN) failed. Contact Sybase Technical Support
thrd_alloc: Unable to fetch TYPE property	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_TYPE) failed. Contact Sybase Technical Support
thrd_alloc: Unable to fetch USERNAME property	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_USER) failed. Contact Sybase Technical Support
thrd_alloc: Unable to get locale information	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_LOCALE) failed. Contact Sybase Technical Support
thrd_alloc: Unable to get thread spid	This is an internal OpenSwitch error. A call to srv_thread_props (CS_GET, SRV_T_SPID) failed. Contact Sybase Technical Support

Message text	Explanation and action
thrd__alloc: Unable to grab global context	This is an internal OpenSwitch error. A call to <code>srv_thread_props (CS_GET, SRV_T_CONTEXT)</code> failed. Check previous errors in the OpenSwitch log file.
thrd__alloc: Unable to perform password encryption handshake	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch log file.
thrd__alloc_special: Error inserting into global thread list	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, contact Sybase Technical Support.
thrd__alloc_special: Unable to allocate mutex <MUTEX>	OpenSwitch may have temporarily run out of memory or other resources to create a mutex. Check previous errors in the OpenSwitch error log. If the problem persists, contact Sybase Technical Support.
thrd__alloc_special: Unable to attach thread data to SRV_PROC	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd__alloc_special: Unable to fetch TYPE property	This is an internal OpenSwitch error. A call to <code>srv_thread_props (CS_GET, SRV_T_TYPE)</code> failed. Contact Sybase Technical Support for assistance.
thrd__alloc_special: Unable to get thread spid	This is an internal OpenSwitch error. A call to <code>srv_thread_props (CS_GET, SRV_T_SPID)</code> failed. Contact Sybase Technical Support for assistance.
thrd__bulkload: blk_alloc() failed	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, contact Sybase Technical Support.
thrd__bulkload: blk_props() failed	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd__bulkload: blk_srvcinit() failed	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, contact Sybase Technical Support.
thrd__cache_add: Cannot create timer	OpenSwitch may have temporarily run out of memory, but it should continue to function normally after the error. Check the OpenSwitch error log for more information or failures preceding this error. If the problem persists after increasing the memory allocated to OpenSwitch, contact Sybase Technical Support.
thrd__cache_add: Cannot detach thrd_t structure	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.

Message text	Explanation and action
thrd_cache_add: Error destroying old mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_add: failed to add connection to the global list.	OpenSwitch may have temporarily run out of memory, but it should continue to function normally after the error. Check the OpenSwitch error log for more information or failures preceding this error. If the problem persists after increasing the memory allocated to OpenSwitch, contact Sybase Technical Support.
thrd_cache_add: failed to remove the old thread from the global list	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_add: Unable to allocate cache mutex <MUTEX>	OpenSwitch may have temporarily run out of memory, but it should continue to function normally after the error. Check the OpenSwitch error log for more information. If the error causes a change in OpenSwitch behavior, contact Sybase Technical Support.
thrd_cache_clear: Error deleting list node for spid <ID>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_get: Error deleting list node for spid <ID>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_get: Error destroying old mutex.	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_get: failed to add thread back to the global list.	OpenSwitch may have temporarily run out of memory, but it should continue to function normally after the error. Check the OpenSwitch error log for more information or failures preceding this error. If the problem persists after increasing the memory allocated to OpenSwitch, contact Sybase Technical Support.
thrd_cache_get: Unable to allocate new mutex <MUTEX>	OpenSwitch may have temporarily run out of memory, but it should continue to function normally after the error. Check the OpenSwitch error log for more information. If the error causes a change in OpenSwitch behavior, contact Sybase Technical Support.
thrd_cache_get: Unable to detach thrd_t structure	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_get: Unable to re-own thrd_t structure	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_timer: failed to remove the unused cached connection from the global cache list	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_cache_timer: Terminating unused cach thread spid <SPID>	thrd_cache_timer: Removing unused cache connection <ADDRESS>.
thrd_cache_timer_remove: Unable to remove '<ADDRESS>' from timer	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.

Message text	Explanation and action
thrd_chgsrv : User '<USERNAME>', app '<APP_NAME>', error replaying sql	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_chgsrv : User '<USERNAME>', app '<APP_NAME>', unable to reprepare dynamic statement '<STATEMENT>'	OpenSwitch switched the connection to the secondary Adaptive Server, but it is unable to re-prepare the dynamic SQL statement on the secondary Adaptive Server.
thrd_chgsrv : User '<USERNAME>', app '<APP_NAME>', unable to restore database context to '<DATABASE>'	OpenSwitch switched the connection to the secondary Adaptive Server, but is unable to restore the connection to the database that the application was in at the time of the switch. It will restore the connection to the master database. Verify that the named database exists on the secondary Adaptive Server.
thrd_chgsrv : User '<USERNAME>', app '<APP_NAME>', unable to restore client-side cursor '<CURSOR_NAME>'	OpenSwitch switched the connection to the secondary Adaptive Server, but is unable to restore the client-side cursor on the secondary Adaptive Server. Contact Sybase Technical Support for assistance.
thrd_chgsrv : User '<USERNAME>', app '<APP_NAME>', unable to restore server options	OpenSwitch switched the connection to the secondary Adaptive Server, but is unable to restore the options set in the previous Adaptive Server. See the relevant Sybase documents for your client APIs, and check that the secondary Adaptive Server can support the option OpenSwitch was trying to restore. This may require that your secondary Adaptive Server be at the same version as your primary Adaptive Server.
thrd_chgsrv_ha : User '<USERNAME>', app '<APP_NAME>', error replaying sql	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_chgsrv_ha : User '<USERNAME>', app '<APP_NAME>', unable to restore connection to '<SERVERNAME>'	OpenSwitch is unable to switch the connection to the companion of the failed Adaptive Server due to an error. The connection will be failed over to the next available server in the pool. Check the status of the companion server and verify that it is accepting connections.
thrd_chgsrv_ha : User '<USERNAME>', app '<APP_NAME>', unable to restore database context to '<DATABASE>'.	OpenSwitch switched the connection to the companion server of the failed Adaptive Server cluster, but is unable to restore the connection to the database that the application was in at the time of the switch. It will restore the connection to the master database. Verify that the named database has been mounted on the companion Adaptive Server after the failover, and contact Sybase Technical Support.
thrd_chgsrv_ha : User '<USERNAME>', app '<APP_NAME>', unable to reprepare dynamic statement '<STATEMENT>'	OpenSwitch switched the connection to the companion server of the failed Adaptive Server cluster, but is unable to prepare the same Dynamic SQL statement on the companion Adaptive Server. Contact Sybase Technical Support for assistance.



Message text	Explanation and action
thrd_chgsrv_ha : User '<USERNAME>', app '<APP_NAME>', unable to restore client-side cursor '<CURSOR_NAME>'	OpenSwitch switched the connection to the secondary server of the failed cluster, but is unable to restore the client-side cursor on the secondary Adaptive Server. Contact Sybase Technical Support for assistance.
thrd_chgsrv_ha : User '<USERNAME>', app '<APP_NAME>', unable to restore server options	OpenSwitch switched the connection to the secondary Adaptive Server, but is unable to restore the options set in the previous Adaptive Server. See the relevant Sybase documents for your client APIs, and check that the secondary Adaptive Server can support the option OpenSwitch was trying to restore.
thrd_close: Unable to close cursor '<CURSOR_NAME>'	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_close: Unable to close dynamic statement '<STATEMENT>'	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.

## OpenSwitch log messages thrd\_connect to thrd\_ctparams

Message text	Explanation and action
thrd_connect: Could not install challenge handler	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Could not install error handler	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Could not install message handler	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Could not install security session handler	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: cs_loc_alloc() failed!	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, contact Sybase Technical Support.
thrd_connect: cs_loc_drop() failed!	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: cs_locale(CS_GET, CS_SYB_LANG) failed!	Check your \$SYBASE (UNIX) or %SYBASE% (Windows) directory. Verify that the <i>locales</i> and <i>charsets</i> directories are in place, and contain the correct information.

Message text	Explanation and action
<code>thrd_connect: cs_locale(CS_SET, CS_SYB_LANG) failed!</code>	There was an error when loading the client locales into Adaptive Server. Check the client application to verify that <i>locale</i> is being set correctly.
<code>thrd_connect: ct_capability(CS_CAP_RESPONSE) failed!</code>	OpenSwitch was unable to set the capabilities for negotiation on Adaptive Server. Verify that the server is running, and check the Adaptive Server error log for any relevant errors.
<code>thrd_connect: ct_con_alloc() failed!</code>	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, contact Sybase Technical Support.
<code>thrd_connect: ct_con_props(CS_CON_KEEPAALIVE) failed.</code>	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
<code>thrd_connect: ct_con_props(CS_CON_TCP_NODELAY ) failed.</code>	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
<code>thrd_connect: ct_con_props(CS_HAFAILOVER) failed!</code>	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
<code>thrd_connect: ct_con_props(CS_SET, CS_APPNAME) failed!</code>	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
<code>thrd_connect: ct_con_props(CS_SET, CS_BULK_LOGIN) failed!</code>	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
<code>thrd_connect: ct_con_props(CS_SET, CS_HIDDEN_KEYS) failed</code>	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
<code>thrd_connect: ct_con_props(CS_SET, CS_HOSTNAME) failed!</code>	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
<code>thrd_connect: ct_con_props(CS_SET, CS_LOC_PROP) failed!</code>	There was an error setting the locale property in Adaptive Server. Check the client application to verify that <i>locale</i> is being set correctly.

Message text	Explanation and action
thrd_connect: ct_con_props(CS_SET, CS_PASSWORD) failed!	The client password may be more than 255 characters long, or OpenSwitch may have not run out of file descriptors per process. If the problem persists, contact Sybase Technical Support.
thrd_connect: ct_con_props(CS_SET, CS_USERNAME) failed!	This is an internal OpenSwitch error that may occur if OpenSwitch runs out of memory or file descriptors. Check available memory on the machine, and limits on memory and open file descriptors for the OpenSwitch process.
thrd_connect: ct_remote_pwd() failed	Check that the user password is less than 255 characters long. Contact Sybase Technical Support for assistance if needed.
thrd_connect: Error determining client security mechanism	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Error determining delegated credentials	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Error determining network authorization status	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Error determining security delegation status	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Error enabling client network authorization	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Error getting client packet size.	OpenSwitch was unable to get the TDS packet size from the client. Check that the application is setting the packet size correctly.
thrd_connect: Error getting client TDS level.	Check that the client application is setting the TDS version correctly.
thrd_connect: Error setting client security mechanism to <string>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Error setting delegated credentials	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_connect: Error setting packet size.	OpenSwitch was unable to set the TDS packet size from the client. Check that <ul style="list-style-type: none"> <li>The application is setting the packet size correctly.</li> <li>Adaptive Server supports the specified packet size (sp_configure "max network packet size").</li> <li>The <i>MAX_PACKETSIZE</i> parameter is set to a high enough value in your OpenSwitch configuration file.</li> </ul>
thrd_connect: Error setting TDS level.	OpenSwitch was unable to set the client TDS version in Adaptive Server. Check that the client TDS version is supported on the server.

Message text	Explanation and action
<code>thrd_connect: Thread already has a connection!</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_connect: Unable to determine remote spid</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_connect: Unable to get global context.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_connect: Unable to set con trace flags to &lt;number&gt;</code>	Check the <i>CON_TRACE</i> settings in the OpenSwitch configuration file. Verify the settings against the <i>Open Client Client-Library/C Reference Manual</i> section on <i>ct_debug</i> .
<code>thrd_connect: Unable to set connection userdata</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_connect: Unable to set CS_ASYNC_NOTIFIS</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_controlrow: ct_getformat() failed.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_controlrow: srv_setcontrol() failed.</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_copy_loginfo: Loginfo to save is null</code>	Check that the <i>loginfo</i> sent by the client is not NULL. Contact Sybase Technical Support if needed.
<code>thrd_copy_loginfo: Unable to allocate a temporary loginfo structure</code>	Check the available memory on the OpenSwitch host. Increase the memory usage limit for OpenSwitch, and restart the OpenSwitch server.
<code>thrd_ct_cancel: Unable to determine status of connection</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_ct_close: Connection busy, ct_close(CS_FORCE_CLOSE) failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_ct_close: Connection pending, ct_close(CS_UNUSED) failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_ct_close: ct_close() failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_ct_close: ct_close(CS_FORCE_CLOSE) failed</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_ct_cmd_drop: ct_close(CS_FORCE_CLOSE) failed</code>	This is an internal OpenSwitch error and can safely be ignored unless it affects OpenSwitch behavior.
<code>thrd_ct_cmd_drop: failed to drop command structure</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
<code>thrd_ct_cmd_drop: Unable to determine status of connection</code>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.

Message text	Explanation and action
thrd_ct_con_drop: ct_con_drop() failed	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_ct_connect: ct_con_props(CS_SET,CS_BULK_LOG IN) failed	This is an internal OpenSwitch error, and is usually due to insufficient memory or number of file descriptors. Check the total memory on the OpenSwitch host, and any limit on memory usage or file descriptors for OpenSwitch.
thrd_ct_connect: ct_getloginfo failed	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_ct_connect: failed to save a copy of the server loginfo.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd_ct_connect: srv_setloginfo failed	There was an error setting the loginfo in the client in FULL_PASSTHRU mode. The client application may have timed out or disconnected unexpectedly. Contact Sybase Technical Support for assistance if necessary.
thrd_ct_connect: srv_thread_props(CS_GET,SRV_T_DUMpload) failed	There was an error communicating with the client. The client application may have timed out or disconnected unexpectedly, or <i>DUMpload</i> is set incorrectly. Contact Sybase Technical Support for assistance if necessary.
thrd_ct_connect: srv_thread_props(CS_SET,SRV_T_BULKTYPE) failed	There was an error setting the BULKTYPE in the client in FULL_PASSTHRU mode. Contact Sybase Technical Support for assistance.
thrd_ct_connect: srv_thread_props(SRV_T_EVENT) failed	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_ct_connect: srv_thread_props(SRV_T_PASSTHRU) failed	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_ct_connect:ct_connect failed.	<p>Possible reasons for this error include:</p> <ul style="list-style-type: none"> <li>• The client username and password may be invalid.</li> <li>• Adaptive Server's maximum number of user connections may have been exceeded.</li> <li>• Adaptive Server may be too busy.</li> <li>• Other client settings could be wrong.</li> </ul> <p>Check the Adaptive Server error log for more messages about this spid, and verify that Adaptive Server is running and accepting new connections. Setting <i>DEBUG=e</i> in the OpenSwitch configuration file will also give you more information about the problem.</p>
thrd_ct_connect:ct_setloginfo failed	Check that the loginfo sent by client is correct. Check the Adaptive Server error log for additional error messages.

Message text	Explanation and action
thrd_ct_connect: srv_getloginfo failed.	There was an error getting the loginfo from the client. The client application may have timed out or disconnected unexpectedly, or loginfo sent may be incorrect. Contact Sybase Technical Support if needed.
thrd_ct_fetch: Error canceling connection	There was an error canceling the last request. Check previous errors in the OpenSwitch error log.
thrd_ct_get_data: Error canceling connection	There was an error canceling the last request. Check previous errors in the OpenSwitch error log.
thrd_ct_options: Error canceling connection	There was an error canceling the last request. Check previous errors in the OpenSwitch error log.
thrd_ct_results: Error canceling connection	There was an error canceling the last request. Check previous errors in the OpenSwitch error log.
thrd_ct_send_data: Error canceling connection	There was an error canceling the last request. Check previous errors in the OpenSwitch error log.
thrd_ctparams: ct_param() failed	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance.
thrd_ctparams: srv_bind() failed	OpenSwitch was unable to process the input parameters from the client. The client may have disconnected due to time-out or other errors, or the input parameters may be invalid.
thrd_ctparams: srv_descfmt() failed	OpenSwitch is unable to get the description of the input parameters from the client. The client may have disconnected due to time-out or other errors, or the input parameters may be invalid.
thrd_ctparams: srv_numparams() failed	OpenSwitch is unable to get the input parameters from the client. The client may have disconnected due to time-out or other errors, or the input parameters may be invalid.
thrd_ctparams: srv_xferdata() failed	OpenSwitch is unable to get the input parameters from the client. The client may have disconnected due to time-out or other errors, or the input parameters may be invalid.
thrd_ctparams: Unable to get global context	OpenSwitch is unable to retrieve information from the client. The client may have disconnected due to time-out or other errors, or the input parameters may be invalid.

## OpenSwitch log messages thrd\_cur\_alloc to thrd\_doneerror

Message text	Explanation and action
thrd_cur_alloc: Memory allocation failure.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd_cur_close: Cannot determine connection status.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_close: ct_cursor(CS_CURSOR_CLOSE) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_close: Internal error, wrong cursor id found.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_close: Unable to free cursor resources.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_declare: ct_cursor(CS_READ_ONLY) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_declare: ct_cursor(CS_FOR_UPDATE) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_declare: ct_cmd_alloc() failed.	This is an internal OpenSwitch error, and is usually due to insufficient memory. Check the total memory on the OpenSwitch host and increase the memory available to OpenSwitch.
thrd_cur_declare: ct_cmd_props(CS_HIDDEN_KEYS) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_declare: ct_cursor() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_declare: ct_dynamic(CS_CURSOR_DECLARE) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_declare: ct_param() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_declare: Error with update declaration.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd_cur_declare: mem_alloc() failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd_cur_declare: memory allocation failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.

Message text	Explanation and action
<code>thrd_cur_declare: Memory allocation failure occurred while processing an update clause.</code>	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
<code>thrd_cur_declare: No language command found.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_declare: No name for cursor found.</code>	Check that the client cursor name is set in the client application.
<code>thrd_cur_declare: srv_descfmt() failed while processing parameters.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_declare: srv_langcpy() failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_declare: srv_numparams() failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_declare: thrd_ct_send() failed.</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>thrd_cur_declare: thrd_results() failed.</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>thrd_cur_declare: Unable to allocate cursor.</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>thrd_cur_drop: Cannot determine connection status.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_drop: Unable to close/deallocate cursor.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_drop: Unable to deallocate cursor.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_fetch: Internal error, NULL command handle.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_fetch: Internal error, wrong cursor id found.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_info: ct_cursor(CS_CURSOR_ROWS) failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_info: internal error, invalid cursor id found.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_info: internal error, NULL command handle.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_cur_info: Unknown cursor command option.</code>	Check that the cursor command options in the client application are valid. See the relevant Sybase documents for your client APIs.
<code>thrd_cur_open: ct_cursor(CS_CURSOR_OPEN) failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.



Message text	Explanation and action
thrd_cur_open: ct_res_info(CS_NUMDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_open: Internal error, NULL command handle.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_open: memory allocation failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd_cur_open: srv_descfmt() failed while processing clients parameters.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_open: srv_numparams() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: ct_cmd_alloc() failed.	This error is usually due to insufficient memory. Check the total memory on the OpenSwitch host and increase the memory available to OpenSwitch.
thrd_cur_redeclare: ct_cmd_props(CS_HIDDEN_KEYS) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: ct_cursor(CS_READ_ONLY) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: ct_cursor(CS_FOR_UPDATE) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: ct_cursor() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: ct_cursor(CS_CURSOR_OPEN) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: ct_dynamic(CS_CURSOR_DECLARE) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: ct_param() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: Error with update declaration.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: failed to set param data.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: thrd_ct_send() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: Unable to re-position cursor to row <row_number>.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_redeclare: Unable to set fetch count to <fetch_count>.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cur_upclause: ct_param() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
thrd__cur_upclause: srv_descfmt() invalid column.	check that the column names in the UPDATE clause of the client application are valid.
thrd__cur_update: srvbind(CS_GET, SRV_KEYDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: ct_cursor() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: ct_keydata(CS_SET) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: ct_param() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: Internal error, NULL command handle.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: Internal error, wrong cursor id found	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: mem_alloc() failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd__cur_update: srv_langcpy() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: srv_langlen() <	Check that the cursor update string in your client application is valid.
thrd__cur_update: srv_numparams() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__cur_update: srv_xferdata(CS_GET, SRV_CURDATA) failed.	The client may have disconnected due to time-outs or network delays. Call Sybase Technical Support if needed.
thrd__cur_update: srv_xferdata(CS_GET, SRV_KEYDATA) failed.	The client may have disconnected due to time-outs or network delays. Call Sybase Technical Support if needed.
thrd__dobrowse: ct_br_column() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__dobrowse: ct_br_table(CS_TABNAME) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__dobrowse: ct_br_table(CS_TABNUM) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__dobrowse: ct_res_info(CS_BROWSE_INFO) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__dobrowse: srv_tabcolname() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
thrd_dobrowse: srv_tabname(CS_TABNAME) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_doneerror: srv_senddone(SRV_DONE_FINAL   ERROR) failed!	This error is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch behavior is not affected, you can safely ignore this error. Otherwise, call Sybase Technical Support for assistance.

## OpenSwitch log messages thrd\_\_dyns\_\_alloc to thrd\_\_orderby

Message text	Explanation and action
thrd_dyns_alloc: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.
thrd_dyns_dealloc: ct_dynamic(CS_DEALLOC) failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_dyns_dealloc: dyns_get_stmtid failed!	Verify that the call to ct_dynamic(CS_DEALLOC) in the client application had a valid ID and IDLEN or <i>CS_NULLTERM</i> . See the relevant Sybase documents for your client's APIs.
thrd_dyns_dealloc: Internal error, Couldn't find statement id <ID>.!	Check for failures in the CS_PREPARE statement in the client application, and that the statement was not previously deallocated.  If you cannot resolve the problem, call Sybase Technical Support for assistance.
thrd_dyns_dealloc: Internal error, NULL command handle!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_dyns_dealloc: srv_dynamic(CS_SET, SRV_DYN_ID) failed!	Check that the client application is still running and maintains connectivity with OpenSwitch.  If you cannot resolve the problem, call Sybase Technical Support for assistance.
thrd_dyns_dealloc: srv_dynamic(CS_SET, SRV_DYN_IDLEN) failed!	Check that the client application is still running and maintains connectivity with OpenSwitch.  If you cannot resolve the problem, call Sybase Technical Support for assistance.

Message text	Explanation and action
thrd__dyns_dealloc: srv_dynamic(CS_SET, SRV_DYN_TYPE) failed!	Check that the client application is still running and maintains connectivity with OpenSwitch.  If you cannot resolve the problem, call Sybase Technical Support for assistance.
thrd__dyns_dealloc: thrd_ct_send failed!	Call to ct_send failed. Check that Adaptive Server is still running and that clients like isql can connect to Adaptive Server from the OpenSwitch host.
thrd__dyns_dealloc: thrd_dyns_drop failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd__dyns_execimmed: ct_cmd_alloc() failed!	The call to ct_cmd_alloc may have failed due to an internal OpenSwitch error.  You may also be running out of memory on the OpenSwitch host. Increase the memory available to the OpenSwitch process and restart the OpenSwitch server. If the problem persists, call Sybase Technical Support.
thrd__dyns_execimmed: ct_dynamic(CS_EXEC_IMMEDIATE) failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd__dyns_execimmed: srv_dynamic(CS_GET, SRV_DYN_STMT) failed!	Check that the application passed a valid argument for the buffer in the call to ct_dynamic(CS_EXEC_IMMEDIATE). See the relevant Sybase document for your client's APIs.
thrd__dyns_execimmed: srv_dynamic(CS_GET, SRV_DYN_STMTLEN) failed!	Check that the client did not abruptly disconnect from the OpenSwitch server.  Check that the application passed a valid strlen of the buffer (or CS_NULLTERM) in the call to ct_dynamic(CS_EXEC_IMMEDIATE). See the relevant Sybase document for your client's APIs.
thrd__dyns_execimmed: mem_alloc(stmt len) failed!	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.
thrd__dyns_execimmed: srv_dynamic(CS _SET, SRV_DYN_TYPE) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd__dyns_execute: ct_dynamic(CS_EXECUTE) failed!	Check that the CS_PREPARE statement did not fail. Otherwise, this error is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd__dyns_execute: Internal error, Couldn't find statement id <ID>.!	Check that the CS_PREPARE statement did not fail. Otherwise, this error is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.

Message text	Explanation and action
thrd_dyns_execute: srv_dynamic(CS_SET, SRV_DYN_ID) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd_dyns_execute: srv_dynamic(CS_SET, SRV_DYN_IDLEN) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd_dyns_execute: srv_dynamic(CS_SET, SRV_DYN_TYPE) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd_dyns_free: Cannot determine connection status.	This is an internal OpenSwitch error. A call to ct_con_props (CS_GET, CS_CON_STATUS) failed. Check any previous errors in the OpenSwitch error log. Call Sybase Technical Support for assistance.
thrd_dyns_free: ct_dynamic(CS_DEALLOC) failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_dyns_free: thrd_ct_send failed!	A call to ct_send failed. Check that Adaptive Server is still running and that clients like isql can connect to Adaptive Server from the OpenSwitch host.
thrd_dyns_free: thrd_results failed	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_dyns_passthru: dyns_get_stmtid failed!	Verify that the client application passed a valid ID and IDLEN or CS_NULLTERM in the call to ct_dynamic. See the relevant Sybase documents for your client's APIs.
thrd_dyns_passthru: srv_dynamic failed!	Check the call to ct_dynamic in the client application. Verify for a valid operation type. See the relevant Sybase documents for your client's APIs.
thrd_dyns_prepare: ct_cmd_alloc() failed!	This may be an internal OpenSwitch error due to which the call to ct_cmd_alloc failed.  You may also be running out of memory on the OpenSwitch host. Increase the memory available to the OpenSwitch process and restart the OpenSwitch server. If the problem persists, call Sybase Technical Support.
thrd_dyns_prepare: ct_dynamic(CS_DESCRIBE_INPUT) failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_dyns_prepare: ct_dynamic(CS_DESCRIBE_OUTPUT) failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.

Message text	Explanation and action
thrd__dyns_prepare: ct_dynamic(CS_PREPARE) failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd__dyns_prepare: mem_alloc(idlen) failed!	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.
thrd__dyns_prepare: mem_alloc(stmtlen) failed!	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.
thrd__dyns_prepare: srv_dynamic(CS_GET, SRV_DYN_STMT) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd__dyns_prepare: srv_dynamic(CS_SET, SRV_DYN_ID) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd__dyns_prepare: srv_dynamic(CS_SET, SRV_DYN_IDLEN) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd__dyns_prepare: srv_dynamic(CS_SET, SRV_DYN_TYPE) failed!	This error may be due to an abrupt disconnect from the client or loss of network connection between OpenSwitch and the client. Otherwise, this is due to an internal OpenSwitch problem; call Sybase Technical Support for assistance.
thrd__dyns_prepare: thrd__ct_send(CS_DESCRIBE_INPUT) failed!	Check that Adaptive Server is still running and that clients like isql can connect to Adaptive Server from the OpenSwitch host. If the problem persists, call Sybase Technical Support.
thrd__dyns_prepare: thrd__results(CS_DESCRIBE_OUTPUT) failed!	Check that Adaptive Server is still running and that clients like isql can connect to the server from the OpenSwitch host. If the problem persists, call Sybase Technical Support.
thrd__dyns_prepare: Unable to allocate dynamic SQL statement.	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.
thrd__dyns_prepare:srv_dynamic(CS_GET, SRV_DYN_STMTLEN) failed!	Check that the client application passed a valid strlen of the buffer or <i>CS_NULLTERM</i> in the call to ct_dynamic(CS_PREPARE). See the relevant Sybase documents for your client's APIs.
thrd__dyns_reprepare: ct_cmd_alloc() failed!	A call to ct_cmd_alloc failed. You may be running out of memory on the OpenSwitch host. Increase the memory available to the OpenSwitch process and restart the OpenSwitch server.

Message text	Explanation and action
thrd_dyns_reprepare: ct_dynamic(CS_PREPARE) failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_dyns_reprepare: Processing results failed!	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_dyns_reprepare: thrd_ct_send failed!	Call to ct_send failed. Check that Adaptive Server is still running and that clients like isql can connect to the server from the OpenSwitch host.
thrd_err_cb: Unable to fetch context	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_err_cb: Unable to queue HA switch request	An error occurred when OpenSwitch attempted to switch the connections to the companion Adaptive Server of the current HA-Adaptive Server. Check the status of the companion server and verify that it is accepting connections. Also check the OpenSwitch configuration file and the <i>interfaces</i> file to verify that the server names are listed correctly.
thrd_err_cb: Unable to queue switch request for spid <ID>	An error occurred while OpenSwitch was attempting to switch the connections to the secondary Adaptive Server of the current pool. Check the status of the companion server and verify that it is accepting connections. Also check the OpenSwitch configuration file and the <i>interfaces</i> file to verify that the server names are listed correctly.
thrd_err_cb: Unable to send info	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_execute_select: Unable to allocate command	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, call Sybase Technical Support.
thrd_execute_select: Unable to build command	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, call Sybase Technical Support.
thrd_free: Cannot destroy locale info	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_free: Cannot get global context	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_free: Error destroy option settings.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.

Message text	Explanation and action
<code>thrd_free: Error destroying controlling mutex</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_free: Error unlinking thread structure from global thread list.</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>thrd_free: Unable to cancel pending coordination actions</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>thrd_free_special: Error destroying controlling mutex</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_free_special: Error unlinking thread structure from global thread list.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_iodead: Unable to test attention</code>	This error is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch behavior is not affected, you can safely ignore this error. Otherwise, call Sybase Technical Support for assistance.
<code>thrd_iodead: Unable to test I/O death</code>	This error is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch behavior is not affected, you can safely ignore this error. Otherwise, call Sybase Technical Support for assistance.
<code>thrd_msg_cb: ct_con_props(CS_EED_CMD) failed</code>	This is an internal OpenSwitch error. and may be due to insufficient memory or number of file descriptors. Check previous errors in the OpenSwitch error log. Check the total memory on the OpenSwitch host, and any limit on memory usage or file descriptors for OpenSwitch.
<code>thrd_msg_cb: failed to process EED parameters</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_msg_cb: failed to send done in EED</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_msg_cb: Unable to fetch user data</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_orderby: ct_res_info(CS_NUMORDERCOLS) failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_orderby: ct_res_info(CS_ORDERBY_COLS) failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_orderby: mem_alloc() failed.</code>	OpenSwitch encountered a memory allocation failure. Check the total memory on the OpenSwitch host. Increase the memory available to OpenSwitch and restart the OpenSwitch server.
<code>thrd_orderby: srv_orderby() failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.



## OpenSwitch log messages thrd\_\_poll to thrd\_\_rmtpwds

Message text	Explanation and action
thrd__poll: Error switching connection	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd__poll: Error switching HA connection	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd__poll: Unable to send SRV_URGDISCONNECT	If OpenSwitch fails to switch a connection to the next server, it will try to disconnect the client by sending it a SRV_URGDISCONNECT event. This error means that OpenSwitch was unable to send such an event. This could be caused by client disconnection, or a broken pipe or endpoint due to a network problem.
thrd__procbcp: blk_drop() failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__procbcp: blk_getrow() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__procbcp: blk_gettext() failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__procbcp: blk_rowalloc() failed	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, call Sybase Technical Support.
thrd__procbcp: blk_sendrow() failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__procbcp: blk_sendtext() failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__procbcp: srv_thread_props(SRV_T_BULKTYPE) failed	This is an internal OpenSwitch error. Call to srv_thread_props (CS_SET, SRV_T_BULKTYPE) failed. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: ct_compute_info(CS_BYLIST_LEN) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: ct_compute_info(CS_COMP_BYLIST) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: ct_compute_info(CS_COMP_COLID) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
thrd__proccrowfmt: ct_compute_info(CS_COMP_ID) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: ct_compute_info(CS_COMP_OP) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: ct_describe() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: ct_res_info(CS_NUMDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: mem_alloc() failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd__proccrowfmt: srv_alt_descfmt() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrowfmt: srv_alt_header() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrows: ct_bind() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrows: ct_compute_info(CS_COMP_ID) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrows: ct_res_info(CS_NUMDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrows: NULL format passed in.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccrows: srv_alt_bind() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccursrows: srv_xferdata(CS_SET) failed.	The client may have disconnected due to time-outs or network delays. Call Sybase Technical Support if needed.
thrd__proccursrows: ct_bind() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccursrows: ct_data_info(CS_GET) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccursrows: ct_res_info(CS_NUMDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccursrows: Invalid fetch count passed in.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccursrows: NULL format for rows passed in.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd__proccursrows: srv_bind() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
thrd_proccursrows: srv_text_info() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procdynfmt: ct_describe() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procdynfmt: ct_res_info(CS_NUMORDERCOLS) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procdynfmt: mem_alloc((dp[i]).maxlength) failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd_procdynfmt: mem_alloc() failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd_procdynfmt: srv_bind() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procdynfmt: srv_descfmt(CS_SET, SRV_DYNDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procdynfmt: Unrecognized command type.	Check that the client application specifies one of the valid command types CS_DESCRIBE_INPUT, CS_DESCRIBE_OUTPUT.
thrd_procrowfmt: srv_descfmt(CS_SET, SRV_ROWDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procrowfmt: ct_describe() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procrowfmt: ct_res_info(CS_NUMDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procrowfmt: mem_alloc() failed.	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
thrd_procrow: ct_bind() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procrow: ct_res_info(CS_NUMDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procrow: NULL format for rows passed in.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procrow: srv_bind() failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_procstat: Column datatype != CS_INT_TYPE.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
<code>thrd__procstat: ct_bind() failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__procstat: ct_describe() failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__procstat: srv_sendstatus() failed.</code>	The client may have disconnected due to time-outs or network delays. Call Sybase Technical Support if needed.
<code>thrd__proctextcol: ct_data_info() failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__proctextcol: srv_send_text() failed.</code>	The client may have disconnected due to time-outs or network delays. Call Sybase Technical Support if needed.
<code>thrd__proctextcol: srv_text_info() failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__proctextcol: thrd_ct_get_data(1) failed.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__proctextimage: ct_command(CS_SEND_DATA_CMD) failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__proctextimage: ct_data_info(CS_SET) failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__proctextimage: srv_get_text() failed</code>	The client may have disconnected or timed out. Call Sybase Technical Support if needed.
<code>thrd__proctextimage: srv_text_info(CS_GET) failed</code>	OpenSwitch is not able to process the bulk data sent by the client application. Check that the application is only sending rows of one column of bulk data. Also check that the client has not disconnected or timed out.
<code>thrd__proctextimage: thrd_ct_send_data() failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__pwdcrypt: Error fetching remote passwords</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>thrd__pwdcrypt: Error initiating SRV_NEG_ENCRYPT handshake</code>	OpenSwitch was unable to communicate with the client, which may have disconnected or timed out. Call Sybase Technical Support if needed.
<code>thrd__pwdcrypt: Error receiving SRV_NEG_LOCPWD handshake</code>	OpenSwitch was unable to communicate with the client, which may have disconnected or timed out. Call Sybase Technical Support if needed.
<code>thrd__pwdcrypt: srv_bind(CS_SET,SRV_NEGDATA) failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__pwdcrypt: srv_descfmt(CS_GET,SRV_NEGDATA) failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
thrd_pwdcrypt: srv_descfmt(CS_SET,SRV_NEGDATA) failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_pwdcrypt: srv_senddone(SRV_DONE_FINAL) failed	OpenSwitch was unable to communicate with the client, which may have disconnected or timed out. Call Sybase Technical Support if needed.
thrd_pwdcrypt: srv_xfer(CS_SET,SRV_NEGDATA) failed	OpenSwitch was unable to communicate with the client, which may have disconnected or timed out. Call Sybase Technical Support if needed.
thrd_response_cb: CS_USERDATA NULL.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_response_cb: srv_bind(CS_GET,SRV_NEGDATA) failed!	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_response_cb: srv_bind(CS_SET,SRV_NEGDATA) failed!	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_response_cb: srv_descfmt(CS_GET,SRV_NEGDATA) failed!	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_response_cb: srv_descfmt(CS_SET,SRV_NEGDATA) failed!	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_response_cb: srv_negotiate(CS_GET,SRV_NEG_CHALLENGE) failed	The client may have disconnected or timed out. Call Sybase Technical Support if needed.
thrd_response_cb: srv_negotiate(CS_SET,SRV_NEG_CHALLENGE) failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_response_cb: srv_senddone(SRV_DONE_FINAL) failed!	The client may have disconnected or timed out. Call Sybase Technical Support if needed.
thrd_response_cb: srv_thread_props(CS_GET,SRV_T_NEGLOGIN) failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_response_cb: srv_xferdata(CS_GET,SRV_NEGDATA) failed!	The client may have disconnected or timed out. Call Sybase Technical Support if needed.
thrd_response_cb: srv_xferdata(CS_SET,SRV_NEGDATA) failed!	The client may have disconnected or timed out. Call Sybase Technical Support if needed.
thrd_response_cb: Unable to fetch user data	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_results: ct_res_info(CS_NUMDATA) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_results: ct_res_info(CS_ROW_COUNT) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
<code>thrd__rmtpwds: Memory allocation failure</code>	Check available memory on the OpenSwitch host and any memory usage limit on the OpenSwitch process. Increase this limit and restart OpenSwitch.
<code>thrd__rmtpwds: srv_bind() failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__rmtpwds: srv_descfmt() failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__rmtpwds: srv_negotiate(CS_GET, SRV_NEG_REMPWD) failed!</code>	OpenSwitch was unable to communicate with the client, which may have disconnected or timed out. Call Sybase Technical Support if needed.
<code>thrd__rmtpwds: srv_numparams() failed!</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__rmtpwds: srv_xferdata() failed</code>	OpenSwitch was unable to communicate with the client, which may have disconnected or timed out. Call Sybase Technical Support if needed.

## OpenSwitch log messages `thrd__secession_cb` to `thrd_connect`

Message text	Explanation and action
<code>thrd__secession_cb: Unable to bind client response</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__secession_cb: Unable to bind negotiation data</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__secession_cb: Unable to fetch negotiation description</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__secession_cb: Unable to get client response description</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__secession_cb: Unable to xfer client response</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__secession_cb: Unable to xfer negotiation data</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__secession_cb: Unable to get control structure</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
<code>thrd__sendinfo: Invalid thread type!</code>	This error is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch behavior is not affected, you can safely ignore this error. Otherwise, call Sybase Technical Support for assistance.
<code>thrd__sendinfo: Not a client thread!</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__sendinfo: srv_sendinfo() failed!</code>	This error is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch behavior is not affected, you can safely ignore this error. Otherwise, call Sybase Technical Support for assistance.
<code>thrd__sendinfo: srv_thread_props(SRV_T_IODEAD) failed!</code>	This error is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch behavior is not affected, you can safely ignore this error. Otherwise, call Sybase Technical Support for assistance.
<code>thrd__sendmsg: Unable to send message</code>	This error is usually raised when a client disconnects abruptly due to time-out or some other reason. If OpenSwitch behavior is not affected, you can safely ignore this error. Otherwise, call Sybase Technical Support for assistance.
<code>thrd__sendseclabels: CS_USERDATA NULL.</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__sendseclabels: srv_bind(CS_GET, SRV_NEGDATA) failed!</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__sendseclabels: srv_descfmt(CS_GET, SRV_NEGDATA) failed!</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__sendseclabels: srv_negotiate(CS_SET,SRV_NEG_SECLABEL) failed</code>	The client may have disconnected due to time-out or other errors. Call Sybase Technical Support if needed.
<code>thrd__sendseclabels: srv_negotiate(SRV_NEG_SECLABEL) failed!</code>	The client may have disconnected due to time-out or other errors. Call Sybase Technical Support if needed.
<code>thrd__sendseclabels: srv_numparams() failed!</code>	This is an internal OpenSwitch error. Call Sybase Technical Support if needed.
<code>thrd__sendseclabels: srv_senddone(SRV_DONE_FINAL) failed!</code>	The client may have disconnected due to time-out or other errors. Call Sybase Technical Support if needed.
<code>thrd__sendseclabels: srv_xferdata(CS_GET, SRV_NEGDATA) failed!</code>	The client may have disconnected due to time-out or other errors. Call Sybase Technical Support if needed.
<code>thrd__sendseclabels: Unable to fetch user data</code>	This is an internal OpenSwitch error. Call Sybase Technical Support if needed.

Message text	Explanation and action
<code>thrd__spid: Error retrieving results</code>	This is an internal OpenSwitch error. Call Sybase Technical Support if needed.
<code>thrd__spid: Unable to allocate command</code>	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. Call Sybase Technical Support if needed.
<code>thrd__spid: Unable to bind results</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__spid: Unable to build command</code>	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. Call Sybase Technical Support if needed.
<code>thrd__spid: Unable to fetch results</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__srvparams: ct_bind() failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__srvparams: ct_describe() failed</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__srvparams: ct_fetch() != CS_END_DATA</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__srvparams: ct_res_info(CS_NUMDATA) failed</code>	OpenSwitch is unable to retrieve information from Adaptive Server. Check the Adaptive Server error log for additional error messages.
<code>thrd__srvparams: Output parameter not found</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd__srvparams: srv_bind() failed</code>	OpenSwitch is unable to bind the output parameters to the client. The client may have disconnected due to time-out or other errors, or the output parameters are invalid. If the problem persists, call Sybase Technical Support.
<code>thrd__srvparams: srv_descfmt (CS_GET) failed</code>	OpenSwitch is unable to get the description of the output parameters from the client. The client may have disconnected due to time-out or other errors, or the output parameters are invalid. If the problem persists, call Sybase Technical Support.
<code>thrd__srvparams: srv_descfmt (CS_SET) failed</code>	OpenSwitch is unable to set the output parameters in the client. The client may have disconnected due to time-out or other errors, or the output parameters are invalid. If the problem persists, call Sybase Technical Support.



Message text	Explanation and action
thrd_srvparams: srv_numparams() failed	OpenSwitch is unable to get the input parameters from the client. The client may have disconnected due to time-out or other errors, or the output parameters are invalid. If the problem persists, call Sybase Technical Support.
thrd_srvparams: srv_thread_props(SRV_T_EVENT) failed	OpenSwitch is unable to retrieve information from the client. The client may have disconnected due to time-out or other errors, or the output parameters are invalid. If the problem persists, call Sybase Technical Support.
thrd_srvparams: srv_xferdata(CS_SET) failed	OpenSwitch is unable to transfer the output parameters to the client. The client may have disconnected due to time-out or other errors, or the output parameters are invalid. If the problem persists, call Sybase Technical Support.
thrd_transtate: ct_res_info(CS_TRANS_STATE) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_use: Unable to allocate command	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, call Sybase Technical Support.
thrd_use: Unable to build command	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, call Sybase Technical Support.
thrd_bulk_passthru: ct_cmd_alloc() failed	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, call Sybase Technical Support.
thrd_bulk_passthru: ct_cmd_drop() failed	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_bulk_passthru: srv_thread_props(CS_GET,BULKTYPE) failed	This is an internal OpenSwitch error. Call to srv_thread_props(CS_GET,SRV_T_BULKTYPE) failed. Verify that the client language command sent a valid bulk type (image or text type).

Message text	Explanation and action
<p>thrd_bulk_passthru: Unrecognized BULK I/O type</p>	<p>OpenSwitch does not recognize the bulk datatype sent by the client application. See the <i>Open Server Server-Library/C Reference Manual</i> under the <i>SRV_T_BULKTYPE</i> property for the valid types of bulk data acceptable in a bulk request.</p>
<p>thrd_connect: failed to get a servername to connect to.</p>	<p>OpenSwitch was unable to get a server name for the client to connect to. See the OpenSwitch error log for messages prior to this failure.</p>
<p>thrd_connect: Login attempt failed because the target pool or server is locked.</p>	<p>The client's login attempt was rejected because its designated server or pool has a <i>LOCKED</i> status. This message is only seen if the <i>NOWAIT_ON_LOCKED</i> configuration parameter is set to 1. Check this client's server and pool in your OpenSwitch configuration, and reset the <i>LOCKED</i> status to <i>UP</i> or <i>DOWN</i> using the appropriate <i>rp_server_status</i> or <i>rp_pool_status</i> command: <i>UP</i> if you determine that the server or pool is ready to use again, <i>DOWN</i> if you want the clients to fail over to the next available server or pool.</p>
<p>thrd_connect: Login retry failed because no eligible server can be found.</p>	<p>After an initial login attempt failed, the client tried logging in again but was rejected because its designated server or pool has a <i>LOCKED</i> status. This message is only seen if the <i>NOWAIT_ON_LOCKED</i> configuration parameter is set to 1. Check this client's server and pool in your OpenSwitch configuration, and reset the <i>LOCKED</i> status to <i>UP</i> or <i>DOWN</i> using the appropriate <i>rp_server_status</i> or <i>rp_pool_status</i> command: <i>UP</i> if you determine that the server or pool is ready to use again, <i>DOWN</i> if you want the clients to fail over to the next available server or pool.</p>
<p>thrd_connect: Login retry failed because the target pool or server is locked.</p>	<p>After an initial login attempt failed, the client tried logging in again but was rejected because its designated server or pool has a <i>LOCKED</i> status. This message is only seen if the <i>NOWAIT_ON_LOCKED</i> configuration parameter is set to 1. Check this client's server and pool in your OpenSwitch configuration, and reset the <i>LOCKED</i> status to <i>UP</i> or <i>DOWN</i> using the appropriate <i>rp_server_status</i> or <i>rp_pool_status</i> command: <i>UP</i> if you determine that the server or pool is ready to use again, <i>DOWN</i> if you want the clients to fail over to the next available server or pool.</p>

Message text	Explanation and action
thrd_connect: The thread's I/O channel is no longer valid. Please check that the client is still active and that it has connectivity to OpenSwitch.	The thread's I/O channel is dead. The client application may have terminated abruptly, or the connection may have terminated unexpectedly (due to hardware or network problems). Check the OpenSwitch error log for messages prior to this failure. The user needs to reconnect.
thrd_connect: thrd__connect failed.	OpenSwitch was unable to connect the client to the designated Adaptive Server. Check the OpenSwitch error log for messages prior to this failure.
thrd_connect: Unable to allocate structure	OpenSwitch may have temporarily run out of memory. Check previous errors in the OpenSwitch error log. You may need to allocate more memory to the OpenSwitch process, or reevaluate the load on the OpenSwitch server given the current resources. If the problem persists, call Sybase Technical Support.
thrd_connect: Unable to determine password	OpenSwitch was unable to look up the password of the incoming connection. Check that the password is valid.
thrd_connect: Unable to determine username	OpenSwitch was unable to look up the user name of the incoming connection. Check that the user name is valid.

## OpenSwitch log messages thrd\_cursor to tsleep\_dequeue

Message text	Explanation and action
thrd_cursor_passthru: srv_cursor_props(CS_SET) failed.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_cursor_passthru: thrd__cur_close failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd_cursor_passthru: thrd__cur_declare failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd_cursor_passthru: thrd__cur_info failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd_cursor_passthru: thrd__cur_open failed.	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd_cursor_passthru: Unknown/unsupported cursor cmd.	Check that the cursor commands in the client application are valid. See the relevant Sybase documents for your client's APIs.

Message text	Explanation and action
<code>thrd_dynamic_passthru: Unknown dynamic optype(OPTYPE VALUE) \n",</code>	Verify that the call to <code>ct_dynamic</code> in the client application is passing a valid type. See the relevant Sybase documents for your client's APIs.
<code>thrd_exit: Error deleting list node for spid &lt;ID&gt;</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_exit: Error iterating through global thread list</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_exit: Unable to shut down cache service</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_exit: Unable to shut down coordinator service</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_exit: Unable to shut down timer</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_get: Unable to send queued messages</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_init: Unable to allocate global cache list</code>	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.
<code>thrd_init: Unable to allocate global thrd list</code>	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.
<code>thrd_init: Unable to initialize coordination service</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_init: Unable to initialize CT-Lib wrappers</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_init: Unable to initialize thread cache</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_init: Unable to start timer service</code>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
<code>thrd_lang_passthru: ct_cmd_alloc() failed</code>	Call to <code>ct_cmd_alloc</code> failed. You could also be running out of memory on the OpenSwitch host. Call Sybase Technical Support if needed.
<code>thrd_lang_passthru: Memory allocation failure</code>	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to OpenSwitch and restart the OpenSwitch server.

Message text	Explanation and action
thrd_lang_passthru: srv_langcpy() failed	Check that the client did not disconnect. If the connection is okay, this is probably an internal OpenSwitch error. Call Sybase Technical Support for assistance.
thrd_lang_passthru: thrd_ct_cmd_drop() failed	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_lang_passthru: Unable to queue switch request for spid <spid>.	Check previous errors in the OpenSwitch error log.
thrd_lang_passthru:ct_command(CS_LANG_CMD ) failed	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_lang_passthru:srv_thread_props(SRV_T_TDSVERSION) failed	Check that the client did not disconnect due to time-out or other problems. If the connection is all right, call Sybase Technical Support for assistance.
thrd_lock: <FUNCTION_NAME>: Error locking t_mtx=<MUTEX>, mtx_mutex=<MUTEX>, mtx_name=<MUTEX_NAME>	Check previous errors in the OpenSwitch error log. OpenSwitch may have temporarily run out of memory or other resources for acquiring a mutex. See the OpenSwitch Installation Guide for system requirements and limitations on running OpenSwitch. If the problem persists, call Sybase Technical Support.
thrd_msg: Memory allocation failure.	Check the available memory on the OpenSwitch host. Increase the memory available to OpenSwitch, and restart the OpenSwitch server.
thrd_release: Can't send done for message results	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_release: Can't send done for regular results	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_release: Error while sending queued message	This is an internal OpenSwitch error. Check the OpenSwitch error log for details.
thrd_rpc_passthru: ct_cmd_alloc() failed!	Check the available memory on the OpenSwitch host. Increase the memory available to OpenSwitch, and restart the OpenSwitch server.
thrd_rpc_passthru: srv_alloc() failed	Check the available memory on the OpenSwitch host. Increase the memory available to OpenSwitch, and restart the OpenSwitch server.
thrd_rpc_passthru: srv_rpcname() failed!	The RPC name sent by the client is NULL. Correct your application code and rerun the command.
thrd_rpc_passthru: thrd_ct_cmd_drop() failed!	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
thrd_sendmsg: Could not get global context.	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

Message text	Explanation and action
<code>thrd_sql_add: Invalid argument received</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_sql_add: Memory allocation failure</code>	Check the available memory on the OpenSwitch host. Increase the memory available to OpenSwitch, and restart the OpenSwitch server.
<code>thrd_sql_exec: Unable to allocate command</code>	Check the available memory on the OpenSwitch host. Increase the memory available to OpenSwitch, and restart the OpenSwitch server.
<code>thrd_sql_exec: Unable to build command for sql '&lt;command&gt;'</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>thrd_unlock: &lt;FUNCTION_NAME&gt;:Error unlocking t_mtx=&lt;MUTEX&gt;, mtx_mutex=&lt;MUTEX&gt;, mtx_name=&lt;MUTEX_NAME&gt;</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>timer_add: Unable to grab queue mutex</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>timer_add: Unable to grab queue mutex</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>timer_cleanup: Unable to remove message queue</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>timer_cleaup(): Error destroying message queue mutex</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>timer_dequeue: Memory allocation failure</code>	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
<code>timer_enqueue: Memory allocation failure</code>	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
<code>timer_enqueue: Unable to enqueue message</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>timer_exit: Unable terminate thread</code>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
<code>timer_init: Unable to create timer_queue_mtx</code>	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
<code>timer_init: Unable to spawn timer thread</code>	This is an internal OpenSwitch error. Check if the OpenSwitch process has exceeded the maximum-thread-per-process limit. This error renders the OpenSwitch server unusable; shut down the server and restart it when more resources become available.

Message text	Explanation and action
timer_rem: Unable to grab queue mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
timer_rem_t: Unable to grab queue mutex	This is an internal OpenSwitch error. Check previous errors in the OpenSwitch error log.
tlsleep_exit: Unable terminate thread handler	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
tlsleep_exit: Unable to remove message queue	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
tsleep_alarm: Could not send TIME_EVENT	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
tsleep_dequeue: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
tsleep_dequeue: Unable to wakeup	OpenSwitch is unable to wake a sleeping thread. Check to see if any of the client connections are not responding. Call Sybase Technical Support for assistance.
tsleep_enqueue: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Check available memory on the OpenSwitch host and increase memory available to the OpenSwitch process, then restart OpenSwitch.
tsleep_event: Unable to wakeup <process ID>	OpenSwitch is unable to wake a sleeping thread. Check if any client connections are not responding. Call Sybase Technical Support for assistance.
tsleep_init: Cannot initialize alarms	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
tsleep_init: Cannot install TIME_EVENT handler	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
tsleep_init: Unable to establish events	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
tsleep_init: Unable to spawn timer thread	This is an internal OpenSwitch error. Check if the OpenSwitch process has exceeded the maximum-thread-per-process limit. This error renders the OpenSwitch server unusable; shut the server down and restart it when more resources become available.
tsleep_wait: failed to enqueue TIME_DEQUEUE	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.
tsleep_wait: srv_sleep() failed with *info = <info>	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.

<b>Message text</b>	<b>Explanation and action</b>
tsleep_wait: Unable to enqueue message	This is an internal OpenSwitch error. Call Sybase Technical Support for assistance.



# Messages in the Coordination Module Log

This chapter lists messages sent to the coordination module (CM) error log, explanations, and suggested actions.

Topic	Page
CM log messages <code>cm_call_cb</code> to <code>cm_init</code>	87
CM log messages <code>cm_ping</code> to server message	94

Errors are grouped in alphanumeric order using the first few characters of the message string. Since many messages contain variable components, like file names, the best way to locate a specific error is to search for a static portion of the error text.

Have the designated contact person call Sybase Technical Support when:

- The explanation presented for an error does not match your situation.
- The problem persists after applying the recommended action.
- There are multiple errors and you are unsure how to proceed.

Before you call, review the information in “Reporting errors” on page 6 and complete the “Technical support checklist” on page 7.

## CM log messages `cm_call_cb` to `cm_init`

Message text	Explanation and action
<code>cm_call_cb: Unexpected message type &lt;CM_MESSAGE_TYPE_ID&gt;</code>	An invalid message received from OpenSwitch. Correct message type is either <code>CM_CB_SERVER</code> or <code>CM_CB_LOST</code> . Call Sybase Technical Support.
<code>cm_ctlib_cb: Unable to queue connection lost message</code>	This is an internal CM error. Check previous errors in the CM error log and call Sybase Technical Support.

Message text	Explanation and action
<code>cm_match_list: could not lock the mutex</code>	This is an internal CM error. Call to lock CM's mutex failed. Call Sybase Technical Support
<code>cm_msg_add: could not lock mutex</code>	Unable to lock CM main mutex. Check your code for a proper sequence of CM API calls. Call Sybase Technical Support.
<code>cm_msg_add: Memory allocation failure</code>	There was a memory allocation failure. Check the memory available on the CM host and memory usage limits on the CM process. Call Sybase Technical Support if needed.
<code>cm_msg_rem: could not lock the mutex</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Error during fetch of results</code>	Check that the OpenSwitch server is running properly. Check network connectivity from the CM host to the OpenSwitch host. Call Sybase Technical Support if needed.
<code>cm_msg_req_srv: Unable to bind to @appname result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @cur_server result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @database result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @hostname result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @nxt_server result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @pool result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @rsn_code result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @rsn_text result</code>	This is an internal CM error. Call Sybase Technical Support for assistance.
<code>cm_msg_req_srv: Unable to bind to @spid result</code>	This is an internal CM error. Check previous errors in the CM error log, and call Sybase Technical Support.
<code>cm_msg_req_srv: Unable to bind to @username result</code>	This is an internal CM error. Call Sybase Technical Support.
<code>cm_notif_cb: Unable to fetch coordinator structure</code>	This is an internal CM error. CM is unable to execute <code>ct_con_props(CS_GET, CS_USERDATA)</code> . Call Sybase Technical Support.

Message text	Explanation and action
cm_notif_cb: Unable to fetch notification command	This is an internal CM error. CM is unable to execute ct_con_props(CS_GET, CS_NOTIF_CMD). Call Sybase Technical Support.
cm_notif_cb: Unable to queue message	This is an internal CM error. Check previous errors in the CM error log, and call Sybase Technical Support.
cm_notif_cb: Unexpected notification procedure <RP_NAME>	This is an internal CM error. An invalid registered procedure name was received in the notification message. Call Sybase Technical Support.
cm_ping_database: Unable to allocate command structure	This is an internal CM error. Call to ct_cmd_alloc() failed. Check the available memory on the CM host machine and any limits on memory usage for the CM process. Call Sybase Technical Support if needed.
cm_ping_database: Unable to initialize command structure	This is an internal CM error. Check previous errors in the CM error log, and call Sybase Technical Support.
cm_ping_database: Unable to send ping command	Check that the database server being pinged is running and that the network connection from the CM host to the server is intact. Call Sybase Technical Support if needed.
cm_results: <FUNCTION_NAME>: Unable to get the return status of the <RP_NAME> command	This is an internal CM error. Check the network connection to the OpenSwitch server host and the status of the OpenSwitch server to which CM is connected. Check previous errors in the CM error log for information.
cm_results: <FUNCTION_NAME>: Unable to send <RP_NAME> command	This is an internal CM error. Check the network connection to the OpenSwitch server host and the status of the OpenSwitch server to which CM is connected. Check previous errors in the CM error log for information.
cm_results: <FUNCTION_NAME>: Unexpected result set <RETURN_TYPE> from <RP_NAME>	This is an internal CM error. A call to ct_results() returned an invalid return code. Check the network connection to the OpenSwitch server host and the status of the OpenSwitch server to which CM is connected. Check previous errors in the CM error log for information.
cm_results: Error receiving results from server	This is an internal CM error. Check the network connection to the OpenSwitch server host and the status of the OpenSwitch server to which CM is connected. Check previous errors in the CM error log for information.

Message text	Explanation and action
<code>cm_stopstart: &lt;FUNCTION_NAME&gt;: Unable to allocate command structure</code>	This is an internal CM error. Call to <code>ct_cmd_alloc()</code> failed. Check the memory available on the CM host and memory usage limits on the CM process. Call Sybase Technical Support if needed.
<code>cm_stopstart: &lt;FUNCTION_NAME&gt;: Unable to initialize @ign_fail parameter</code>	This is an internal CM error. Call to <code>ct_param()</code> failed. Call Sybase Technical Support.
<code>cm_stopstart: &lt;FUNCTION_NAME&gt;: Unable to initialize @ign_tran parameter</code>	This is an internal CM error. Call to <code>ct_param()</code> failed. Call Sybase Technical Support.
<code>cm_stopstart: &lt;FUNCTION_NAME&gt;: Unable to initialize @pool_name parameter</code>	This is an internal CM error. Call to <code>ct_param()</code> failed. Call Sybase Technical Support.
<code>cm_stopstart: &lt;FUNCTION_NAME&gt;: Unable to initialize @server parameter</code>	This is an internal CM error. Call to <code>ct_param()</code> failed. Call Sybase Technical Support.
<code>cm_stopstart: &lt;FUNCTION_NAME&gt;: Unable to initialize @spid parameter</code>	This is an internal CM error. Call to <code>ct_param()</code> failed. Call Sybase Technical Support.
<code>cm_stopstart: &lt;FUNCTION_NAME&gt;: Unable to initialize command structure</code>	This is an internal CM error. Check previous errors in the CM error log, and call Sybase Technical Support.
<code>cm_take_mutex_nt: failed to take mutex because we already have it.</code>	CM Internal Warning. Check the CM application code. See the <i>OpenSwitch Coordination Module Reference Manual</i> for details. Call Sybase Technical Support.
<code>cm_callback: Invalid callback type</code>	Check that the passed-in callback type in the call to <code>cm_callback</code> is correct. See the <i>OpenSwitch Coordination Module Reference Manual</i> for details.
<code>cm_connect: Already connected</code>	The passed-in <code>cm_t</code> structure is already connected to an OpenSwitch server. Check the CM application code to resolve this error.
<code>cm_connect: Connect (cm_conn) failed to server &lt;SERVERNAME&gt; by user &lt;USER_NAME&gt;</code>	CM was unable to connect to the OpenSwitch server using the specified username. Check previous errors in the CM log for details. Common reasons for this failure are: <ul style="list-style-type: none"> <li>• Host machine is not reachable or server is not responding, or</li> <li>• Problems with the <i>interfaces</i> file used by CM (wrong host name or port number, missing OpenSwitch server name).</li> </ul>

Message text	Explanation and action
cm_connect: Connect (cm_conn2) failed to server <SERVERNAME> by user <USER_NAME>	CM was unable to connect to the OpenSwitch server using the specified username. Check previous errors in the CM log for details. Common reasons for this failure are: <ul style="list-style-type: none"> <li>• Host machine is not reachable or server is down, or</li> <li>• Problems with the <i>interfaces</i> file used by CM (wrong host name or port number, missing OpenSwitch server name).</li> </ul>
cm_connect: failed to receive coordinator hand-shake from server <SERVERNAME>. Check username and password.	OpenSwitch denied a CM login request due to mismatch in the CM specified username/password with configured values ( <i>COORD_USER</i> and <i>COORD_PASSWORD</i> options) in the OpenSwitch configuration file.
cm_connect: failed to register to receive 'np_req_srv' notification from server <SERVERNAME>	CM was unable to register notification for the np_req_srv() registered procedure. Check the server name to ensure that CM is connecting to the intended OpenSwitch server.
cm_connect: Unable to allocate command	This is an internal CM error. A call to ct_cmd_alloc() failed. Check the memory available on the CM host and memory usage limits on the CM process. Call Sybase Technical Support if needed.
cm_connect: Unable to allocate connection structure for cm_conn	This is an internal CM error. A call to ct_con_alloc failed. Check the memory available on the CM host and limits on memory usage or file descriptors for the CM process. Call Sybase Technical Support if needed.
cm_connect: Unable to allocate connection structure for cm_conn2	This is an internal CM error. A call to ct_con_alloc failed. Check the memory available on the CM host and limits on memory usage or file descriptors for the CM process. Call Sybase Technical Support if needed.
cm_connect: Unable to initialize @options param	This is an internal CM error. Call Sybase Technical Support.
cm_connect: Unable to initialize @proc_name param	This is an internal CM error. Call Sybase Technical Support.
cm_connect: Unable to initialize command	This is an internal CM error. Call Sybase Technical Support.
cm_connect: Unable to install modification callback	Call to ct_callback (CS_SET, CS_NOTIF_CB) failed. This is an Open Client internal error. Check Open Client documentation for details.

Message text	Explanation and action
<code>cm_connect: Unable to send notif request</code>	Call to <code>ct_send</code> failed. Check the status of the OpenSwitch server and network connectivity from the CM host to the OpenSwitch server.
<code>cm_connect: Unable to set CS_ASYNC_NOTIFS property</code>	This is an internal CM error. Call to <code>ct_con_props</code> ( <code>CS_SET</code> , <code>CS_ASYNC_NOTIFS</code> ) failed. Check previous errors in the CM log. Call Sybase Technical Support.
<code>cm_connect: Unable to set CS_PASSWORD property for cm_conn.</code>	This is an internal CM error. Call to <code>ct_con_props</code> ( <code>CS_SET</code> , <code>CS_PASSWORD</code> ) failed. Check previous errors in the CM log. Call Sybase Technical Support.
<code>cm_connect: Unable to set CS_PASSWORD property for cm_conn2.</code>	This is an internal CM error. Call to <code>ct_con_props</code> ( <code>CS_SET</code> , <code>CS_PASSWORD</code> ) failed. Check previous errors in the CM log. Call Sybase Technical Support.
<code>cm_connect: Unable to set CS_USERNAME property for cm_conn.</code>	This is an internal CM error. Call to <code>ct_con_props</code> ( <code>CS_SET</code> , <code>CS_USERNAME</code> ) failed. Check previous errors in the CM log. Call Sybase Technical Support.
<code>cm_connect: Unable to set CS_USERNAME property for cm_conn2</code>	This is an internal CM error. Call to <code>ct_con_props</code> ( <code>CS_SET</code> , <code>CS_USERNAME</code> ) failed. Check previous errors in the CM log. Call Sybase Technical Support.
<code>cm_connect: Unable to set userdata for cm_conn</code>	This is an internal CM error. Call to <code>ct_con_props</code> ( <code>CS_SET</code> , <code>CS_USERDATA</code> ) failed. Check previous errors in the CM log. Call Sybase Technical Support.
<code>cm_connect: Unable to set userdata for cm_conn2</code>	This is an internal CM error. Call to <code>ct_con_props</code> ( <code>CS_SET</code> , <code>CS_USERDATA</code> ) failed. Check previous errors in the CM log. Call Sybase Technical Support.
<code>cm_create: Invalid argument</code>	Check the CM application code. Either <i>context</i> or <i>cm_t</i> parameter passed to <code>cm_create</code> is NULL.
<code>cm_create: Invalid cm structure</code>	Call to <code>cm_connect()</code> failed because of one of the following: <ul style="list-style-type: none"> <li>• CM is already connected, or</li> <li>• Passed-in <i>cm_t</i> structure is NULL, or</li> <li>• Passed-in user name is NULL, or</li> <li>• Passed-in server name is NULL.</li> </ul> Check the CM application code to resolve this error.

Message text	Explanation and action
<code>cm_create: Memory allocation failure</code>	This is an internal CM error. A call to <code>ct_cmd_alloc()</code> failed. Check the memory available on the CM host and limits on memory usage and file descriptors for the CM process. Call Sybase Technical Support if needed.
<code>cm_create: Memory allocation failure</code>	This is an internal CM error. A call to <code>ct_con_alloc</code> failed. Check the memory available on the CM host and limits on memory usage and file descriptors for the CM process. Call Sybase Technical Support if needed.
<code>cm_create: Mutex allocation failure</code>	This is an internal CM error. A call to <code>ct_con_alloc</code> failed. Check the memory available on the CM host and limits on memory usage and file descriptors for the CM process. Call Sybase Technical Support if needed.
<code>cm_exit: There are &lt;NUMBER&gt; allocated coordinator</code>	Invalid call to <code>cm_exit</code> . Check the CM application code to resolve this error. Check that all <code>cm_t</code> structures created using <code>cm_create</code> have been destroyed using <code>cm_destroy</code> first, before calling <code>cm_exit</code> .
<code>cm_get_data: Invalid argument</code>	The passed-in <code>cm_t</code> parameter is NULL. Check the CM application code to resolve this error.
<code>cm_get_prop: Invalid cm pointer</code>	A NULL pointer was passed as <code>cm_t</code> parameter. Correct the CM application code to resolve this error.
<code>cm_get_prop: Invalid property &lt;CM_PROPERTY_CODE&gt;</code>	Invalid property was passed to <code>cm_get_prop()</code> . Check the <i>OpenSwitch Coordination Module Reference Manual</i> to resolve this error. Correct the CM application code to resolve this error.
<code>cm_getopt: -&lt;OPTION&gt; requires an argument</code>	Invalid argument passed to the CM program. Check arguments passed to the CM application as command line option.
<code>cm_getopt: Option does not take an argument -&lt;OPTION&gt;</code>	The option cannot have a value passed with it. Check arguments passed to the CM application as command line options.
<code>cm_getopt: Option requires an argument - &lt;OPTION&gt;</code>	The option requires a value to be passed with it. Check arguments passed to the CM application as command line options.
<code>cm_ignore: Invalid (or non-ignorable) message type &lt;CM_MESSAGE_TYPE_ID&gt;</code>	Incorrect message type received by <code>cm_ignore</code> call. Check the CM application code.

## CM log messages *cm\_ping* to server message

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Message text	Explanation and action
<code>cm_ignore: Memory allocation failure</code>	This is an internal CM error. Check the memory available on the CM host and limits on memory usage for the CM process. Call Sybase Technical Support if needed.
<code>cm_ignore_clear: Invalid (or un-clearable) message type &lt;CM_MESSAGE_TYPE_ID&gt;</code>	Incorrect message type received by <code>cm_ignore_clear</code> call. Check the CM application code to resolve this error.
<code>cm_ignore_clear: Invalid argument</code>	The passed-in <code>cm_t</code> or <code>message</code> parameter is NULL. Check the CM application code.
<code>cm_init: Argument cannot be NULL</code>	The passed-in <code>cm_ctx_t</code> parameter is NULL. Check the CM application code to resolve this error.
<code>cm_init: Memory allocation failure</code>	This is an internal CM error. Check the CM host machine for available memory and any limit on memory usage by CM. Call Sybase Technical Support if needed.
<code>cm_init: Unable to allocate context structure</code>	This is an internal CM error. Call to <code>cs_ctx_alloc</code> failed. Check CS library documentation for more information. This error is usually due to a problem with the CM installation or the runtime environment. Call Sybase Technical Support if needed.
<code>cm_init: Unable to initialize CT-Lib</code>	This is an internal CM error. Call to <code>ct_init</code> failed. This error is usually due to a problem with the CM installation or the runtime environment. Call Sybase Technical Support if needed.
<code>cm_init: Unable to install CS-Lib callback</code>	This is an internal CM error. Call to <code>cs_config(CS_SET,CS_MESSAGE_CB)</code> failed. Call Sybase Technical Support.
<code>cm_init: Unable to install CT-Lib callback</code>	This is an internal CM error. Call to <code>ct_callback (CS_SET)</code> failed. Call Sybase Technical Support.

## CM log messages *cm\_ping* to server message

Message text	Explanation and action
<code>cm_ping: Invalid parameter</code>	One of the following function parameters is NULL: <code>cm_t</code> , <code>servername</code> , or <code>username</code> . Check the CM application code to resolve this error.



Message text	Explanation and action
cm_ping: Unable to allocate command structure	This is an internal CM error. Call to ct_cmd_alloc failed. Check the CM host machine for available memory or any limit on memory usage by the CM process.
cm_ping: Unable to allocate connection structure	This is an internal CM error. Call to ct_con_alloc failed. Check the CM host machine for available memory or any limit on memory usage and open file descriptors by the CM process.
cm_ping: Unable to initialize command structure	This is an internal CM error. Check any previously reported errors in the CM log, and call Sybase Technical Support for assistance.
cm_ping: Unable to send ping command	Check that the database server being pinged is running normally and that the network connection from the CM host to the server is running.
cm_ping: Unable to set CS_PASSWORD property	Call to ct_con_props(CS_SET, CS_PASSWORD) failed. Verify that the supplied password is a valid character string and its length is not greater than 255 characters. Check any previously reported errors in the CM log.
cm_ping: Unable to set CS_USERNAME property	Call to ct_con_props (CS_SET, CS_USERNAME) failed. Check any previously reported errors in the CM log. Verify passed-in username is a valid character string and its length is not greater than 255 characters.
cm_pool_status: Invalid status value	Invalid pool status was passed to cm_pool_status. Correct the CM application code. Check the <i>OpenSwitch Coordination Module Reference Manual</i> for details.
cm_pool_status: NULL pointer to cm passed	A NULL <i>cm_t</i> structure is passed to cm_pool_status. Check the CM application code
cm_pool_status: Unable to allocate command structure	This is an internal CM error. Call to ct_cmd_alloc failed. Check the CM host machine for available memory or any limit on memory usage by the CM process.
cm_pool_status: Unable to initialize @server parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support
cm_pool_status: Unable to initialize @status parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support
cm_pool_status: Unable to initialize command structure	This is an internal CM error. Check any previously reported errors in the CM log. Call Sybase Technical Support if needed.
cm_repeat_ping: The following parameters cannot be null: cm=<ADDR>, server=<SERVERNAME>, username=<USERNAME>	The cm_repeat_ping API expects the parameters stated in the error message to contain non-NULL values, but one or more of these arguments passed in by the caller was NULL.
cm_repeat_short_ping: The following parameters cannot be null: cm=<ADDR>, server=<SERVERNAME>, username=<USERNAME>	The cm_repeat_short_ping API expects the parameters stated in the error message to contain non-NULL values, but the caller passed in a NULL value for one or more of these arguments.

Message text	Explanation and action
<code>cm_run: gettimeofday(): &lt;REASON_FOR_FAILURE&gt;</code>	This is an internal CM error. Check the reason for failure printed in the message text.
<code>cm_run: Invalid context pointer</code>	Check CM application code. A NULL pointer value was passed as <i>cm_t</i> parameter to <i>cm_run</i> .
<code>cm_server_status: Invalid argument</code>	Check the CM application code. A NULL pointer value was passed as <i>cm_t</i> parameter to <i>cm_server_status</i> .
<code>cm_server_status: Invalid status value</code>	Invalid status value was passed to <i>cm_server_status</i> . Correct the CM application code. Check the <i>OpenSwitch Coordination Module Reference Manual</i> for details.
<code>cm_server_status: Unable to allocate command structure</code>	This is an internal CM error. Call to <i>ct_cmd_alloc</i> failed. Check the CM host machine for available memory or any limit on memory usage by the CM process.
<code>cm_server_status: Unable to initialize @server parameter</code>	This is an internal CM error. Call to <i>ct_param</i> failed. Call Sybase Technical Support.
<code>cm_server_status: Unable to initialize @status parameter</code>	This is an internal CM error. Call to <i>ct_param</i> failed. Call Sybase Technical Support.
<code>cm_server_status: Unable to initialize command structure</code>	This is an internal CM error. Check any previously reported errors in the CM log and call Sybase Technical Support
<code>cm_set_data: Invalid argument</code>	A NULL value was passed in for the <i>cm_t</i> parameter. Check the CM application code.
<code>cm_set_prop: CM_P_ASYNC: Valid values are CS_TRUE or CS_FALSE</code>	Invalid value was passed to <i>cm_set_prop</i> . Correct the CM application code. Check the <i>OpenSwitch Coordination Module Reference Manual</i> for details.
<code>cm_set_prop: Invalid cm pointer</code>	Check the CM application code. A NULL pointer was passed as <i>cm_t</i> parameter.
<code>cm_set_prop: Invalid or unsettable property &lt;CM_PROPERTY_CODE&gt;</code>	Invalid property was passed to <i>cm_set_prop</i> . Correct the CM application code. Check the <i>OpenSwitch Coordination Module Reference Manual</i> for details.
<code>cm_set_srv: Invalid parameter</code>	Check the CM application code. A NULL pointer value was passed as one of the parameters: <i>cm_t</i> , <i>spid</i> , or <i>servername</i> .
<code>cm_set_srv: Unable to allocate command structure</code>	This is an internal CM error. Call to <i>ct_cmd_alloc</i> failed. Check the CM host machine for available memory and any limit on memory usage by the CM process.
<code>cm_set_srv: Unable to initialize @server parameter</code>	This is an internal CM error. Call to <i>ct_param</i> failed. Call Sybase Technical Support.
<code>cm_set_srv: Unable to initialize @spid parameter</code>	This is an internal CM error. Call to <i>ct_param</i> failed. Call Sybase Technical Support.
<code>cm_set_srv: Unable to initialize command structure</code>	This is an internal CM error. Check any previously reported errors in the CM log. Call Sybase Technical Support.

Message text	Explanation and action
cm_short_ping: failed to set CS_LOGIN_TIMEOUT in the context for ping connection.	This is an internal CM error. OpenSwitch was unable to set the login timeout value for the CM connection to OpenSwitch. Call Sybase Technical Support.
cm_short_ping: The following parameters cannot be null: cm=<ADDR>, server=<SERVERNAME>, username=<USERNAME>	The cm_short_ping API expects the parameters stated in the error message to contain non-NULL values, but the caller passed a NULL value to one or more of these arguments.
cm_short_ping: Unable to allocate connection structure	This is an internal CM error. Call to ct_con_alloc failed. Check the CM host machine for available memory or any limit on memory usage and open file descriptors by the CM process.
cm_short_ping: Unable to allocate context structure	This is an internal CM error. Call to ct_con_alloc failed. Check the CM host machine for available memory or any limit on memory usage and open file descriptors by the CM process.
cm_short_ping: Unable to initialize CT-Lib.	This is an internal CM error. Call to ct_init failed. Call Sybase Technical Support.
cm_short_ping: Unable to install client message callback.	This is an internal CM error. Call to ct_callback(CS_SET,CS_CLIENTMSG_CB) failed. Call Sybase Technical Support.
cm_short_ping: Unable to install CS-Lib callback.	This is an internal CM error. Call to cs_config(CS_SET,CS_MESSAGE_CB) failed. Call Sybase Technical Support.
cm_short_ping: Unable to install server message callback.	This is an internal CM error. Call to ct_callback(CS_SET,CS_SERVERMSG_CB) failed. Call Sybase Technical Support.
cm_short_ping: Unable to set CS_PASSWORD property	Call to ct_con_props(CS_SET, CS_PASSWORD) failed. Check any previously reported errors in the CM log. Verify that the supplied password is a valid character string not greater than 255 characters.
cm_short_ping: Unable to set CS_USERNAME property	Call to ct_con_props(CS_SET, CS_USERNAME) failed. Check any previously reported errors in the CM log. Verify that the supplied user name is a valid character string not greater than 255 characters.
cm_switch: Invalid argument	Either a NULL pointer was passed as value for the <i>cm_t</i> parameter, or an invalid value was passed for the <i>force</i> parameter. Check the <i>OpenSwitch Coordination Module Reference Manual</i> for details. Correct the CM application code.
cm_switch: Unable to allocate command structure	This is an internal CM error. Call to ct_cmd_alloc failed. Check the available memory on the CM host machine and limits on memory usage by the CM process.
cm_switch: Unable to initialize @dstsrv parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support.

Message text	Explanation and action
cm_switch: Unable to initialize @force parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support.
cm_switch: Unable to initialize @grace_period parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support.
cm_switch: Unable to initialize @pool parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support.
cm_switch: Unable to initialize @spid parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support.
cm_switch: Unable to initialize @srcsrv parameter	This is an internal CM error. Call to ct_param failed. Call Sybase Technical Support.
cm_switch: Unable to initialize command structure	This is an internal CM error. Check any previously reported errors in the CM log, and call Sybase Technical Support.
cm_timer_add: Invalid argument	Check the CM application code. Either a NULL pointer was passed to cm_timer_add as the value for the <i>cm_t</i> or <i>cm_timer_cb</i> parameter, or the value of milliseconds is less than zero (0).
cm_timer_add: Memory allocation failure	This is an internal CM error. Check the CM host machine for available memory or any limit on memory usage by the CM process, and call Sybase Technical Support.
cm_timer_add: Unable to fetch current time of day	This is an internal CM error. Call to gettimeofday() failed. Call Sybase Technical Support.
cm_timer_rem: Invalid argument	A NULL value was passed as <i>cm_t</i> or <i>name</i> parameter in a call to cm_timer_rem. Check the CM application code to resolve this error.
Common Library Message: Message: LAYER=<LAYER_ID> ORIGIN=<ORIGIN_ID> SEVERITY=<SEVERITY_ID> NUMBER=<ERROR_NUMBER>  Optional: OS Error: <OPERATING_SYSTEM_ERROR_MESSAGE>	Error or information message from common library. Check common library documentation for details about the error. Check the operating system system log for information about "OS" errors.
Open Client Message: Message: LAYER=<LAYER_ID> ORIGIN=<ORIGIN_ID> SEVERITY=<SEVERITY_CODE> NUMBER=<ERROR_NUMBER>  Optional: OS Error: <OPERATING_SYSTEM_ERROR_MESSAGE>	Error or information message from Open Client library. Check Open Client library documentation. Check the operating system log for information about "OS" errors.

Message text	Explanation and action
rp_kill: Unable to allocate command structure	This is an internal CM error. Call to ct_cmd_alloc failed. Check the CM host machine for available memory or any limit on memory usage by the CM process. Call Sybase Technical Support.
rp_kill: Unable to initialize @pool_name parameter	This is an internal CM error. Call to ct_param failed. Check the passed-in value of the <i>pool</i> parameter to cm_kill in CM application code.
rp_kill: Unable to initialize @spid parameter	This is an internal CM error. Call to ct_param failed. Check the passed-in value of the <i>spid</i> parameter to cm_kill in the CM application code.
rp_kill: Unable to initialize @srv_name parameter	This is an internal CM error. Call to ct_param failed. Check the passed-in value of the <i>server</i> parameter to cm_kill in the CM application code.
rp_kill: Unable to initialize command structure	This is an internal CM error. Call to ct_command failed. Check previous errors in the log, and call Sybase Technical Support.
Server Message: Message: Number <ID>, Severity=<SEVERITY_CODE>, State <STATE_ID>	Error or informational message from the OpenSwitch or Adaptive Server to which this CM is connected. See the product's error documentation for details.



# Messages Returned to Clients by OpenSwitch

This chapter lists the messages that the OpenSwitch server may return to clients applications during connection.

Topic	Page
Message ID 1205 to 20050	101
Message ID 20051 to 20102	105

Errors are grouped in numeric order.

Have the designated contact person call Sybase Technical Support when:

- The explanation presented for an error does not match your situation.
- The problem persists after applying the recommended action.
- There are multiple errors and you are unsure how to proceed.

Before you call, review the information in “Reporting errors” on page 6 and complete the “Technical support checklist” on page 7.

## Message ID 1205 to 20050

ID	Message text	Explanation and action
1205	Your command (process id <ID>) was deadlocked with another process and has been chosen as deadlock victim. Re-run your command	A user command encountered a deadlock in Adaptive Server, or the primary Adaptive Server failed during a user transaction. In the latter case, the connection will be switched to the secondary Adaptive Server and placed in the database that the user was in prior to the failure. In both cases, the last transaction will be rolled back, and the user should reissue the last command.
2812	Stored procedure <stored_procedure> not found	OpenSwitch received a remote procedure call that does not exist in this server. Check the validity of your RPC.
5701	Changed database context to <db>	This is an informational message indicating the database that is in effect when a cache thread is being reused.

ID	Message text	Explanation and action
5703	Changed language setting to '%.*s'.	This is an informational message indicating a change in language setting.
5704	Changed client character set setting to '%.*s'.	This is an informational message indicating a change in character set setting.
20005	<A string of RPC information>	This is an informational message for debugging purposes only.
20008	Coordinator access granted	When a CM first connects to OpenSwitch, the latter sends this message to the CM indicating that this is a special connection which has been granted the coordinator access role. This is an informational message and is not usually seen by regular users.
20011	<REGISTERED_PROCEDURE_NAME>: Cannot bind <parameter_list> parameter	An error occurred when OpenSwitch was trying to bind to the parameters for the registered procedure. See the <i>OpenSwitch Administration Guide</i> for the correct syntax and parameters to use to execute this registered procedure.
20012	<REGISTERED_PROCEDURE_NAME>: Cannot retrieve parameter list	An error occurred when OpenSwitch was trying to transfer parameters for the registered procedure from the client. Either the client disconnected abruptly, or a network I/O error occurred. Try rerunning your registered procedure command.
20013	<REGISTERED_PROCEDURE_NAME>: Unable to describe <column> column	An error occurred when OpenSwitch was trying to process the columns of rows returned by the registered procedure. Check the validity of your registered procedure call. Contact Sybase Technical Support if needed.
20014	<REGISTERED_PROCEDURE_NAME>: Error returning results	An error occurred when OpenSwitch was trying to transfer results from the registered procedure to the client. Either the client disconnected abruptly, or a network I/O error occurred. Try rerunning your registered procedure command.
20015	Missing procedure name	This is an internal OpenSwitch error. Call Sybase Technical Support.
20016	Unknown procedure name: <REGISTERED_PROCEDURE_NAME>	OpenSwitch does not recognize the name of the called registered procedure. Verify the procedure name; see the <i>OpenSwitch Administration Guide</i> for a list of OpenSwitch registered procedures.
20017	<FUNCTION_NAME>: Unable to initialize procedure: <REGISTERED_PROCEDURE_NAME>	This is an internal OpenSwitch error. Contact Sybase Technical Support



ID	Message text	Explanation and action
20018	<FUNCTION_NAME>: Memory allocation failure	OpenSwitch encountered a memory allocation failure. Reduce the load on this machine, or increase the memory allocated to the OpenSwitch process and restart the OpenSwitch server.
20019	Syntax error	OpenSwitch detected a syntax error in the registered procedure call. See the <i>OpenSwitch Administration Guide</i> for the correct syntax to use for this registered procedure.
20020	Too many parameters for procedure <REGISTERED_PROCEDURE_NAME>	The number of parameters supplied exceeds the maximum number of parameters for this registered procedure. See the <i>OpenSwitch Administration Guide</i> for the correct parameters to pass for this registered procedure.
20021	Expected <TYPE> type for param <PARAMETER_NAME> of <REGISTERED_PROCEDURE_NAME>	An incorrect parameter <i>type</i> was specified for the registered procedure. Check that the parameters in your registered procedure call use the correct types.
20022	Error registering parameter <PARAMETER_NAME> of <REGISTERED_PROCEDURE_NAME>	This is an internal OpenSwitch error. Call Sybase Technical Support.
20023	Invalid internal data type for param <POSITION_STRING>	Registered procedures can only accept parameters in integer type or character (string) type. All other types are invalid.
20024	Error executing procedure <REGISTERED_PROCEDURE_NAME>	This is an internal OpenSwitch error. Call Sybase Technical Support.
20025	Missing closing <DOUBLE SINGLE> quote	OpenSwitch found unmatched double or single quotes in the registered procedure command. Correct your command and try executing again.
20026	<FUNCTION_NAME>: No default configuration file is available	The configuration file for this OpenSwitch server cannot be found. Check that this file exists before your execute the <code>rp_cfg</code> command.
20027	<FUNCTION_NAME>: Error while processing <config_file_name>. See error logs.	There was an error while OpenSwitch was processing the configuration file during the <code>rp_cfg</code> command. See the error log for details.
20028	<FUNCTION_NAME>: Successfully processed configuration file	This is an informational message: The <code>rp_cfg</code> command was successful.
20029	<FUNCTION_NAME>: Unable to bind result column <column_name>	This is an internal OpenSwitch error. Contact Sybase Technical Support for assistance
20030	rp_debug: @state must be on or off	rp_debug received an incorrect <i>state</i> parameter. See the <i>OpenSwitch Administration Guide</i> for the valid parameters for <code>rp_debug</code> .
20031	rp_debug: @flags cannot be NULL if @state is supplied	rp_debug received an incorrect <i>flag</i> parameter. See the <i>OpenSwitch Administration Guide</i> for the valid parameters for <code>rp_debug</code> .

ID	Message text	Explanation and action
20032	rp_dump: @what must be thread, mutex or all	rp_dump received an incorrect <i>what</i> parameter. See the <i>OpenSwitch Administration Guide</i> for the valid parameters for rp_dump.
20033	<REGISTERED_PROCEDURE_NAME>: Invalid pool name <POOL_NAME>	The <i>poolname</i> parameter specified for this registered procedure is incorrect. Run rp_pool_status to check the available pools in this OpenSwitch server, and rerun the command using the correct pool name.
20034	<REGISTERED_PROCEDURE_NAME>: Unable to determine pool for spid <ID>	OpenSwitch is unable to determine the poolname for the specified spid. Use sp_who to verify that the spid is indeed a client spid and has a server name attached to it.
20035	rp_kill: Unable to kill spid <ID>	OpenSwitch was unable to kill the thread specified by spid. Check the OpenSwitch error log for details.
20036	rp_cancel: Unable to cancel spid <ID>	OpenSwitch was unable to cancel the current request of the thread specified by spid. Check the OpenSwitch error log for details.
20037	<FUNCTION_NAME>: Error initializing list iterator	This is an internal OpenSwitch error. Call Sybase Technical Support.
20038	rp_kill: Killed <count> spid <ID>	This is an informational message: The rp_kill command was successful.
20039	rp_cancel: Cancelled <count> spid <ID>	This is an informational message: the rp_cancel command was successful.
20040	<REGISTERED_PROCEDURE_NAME>: You do not seem to be a user thread	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support.
20041	<REGISTERED_PROCEDURE_NAME>: Unable to clear connection cache for server <SERVERNAME>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support.
20042	<REGISTERED_PROCEDURE_NAME>: Error unlocking global thread list	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support.
20043	Error while queueing message. See error logs.	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support.
20044	Successfully queued message to spid <ID>	This is an informational message for debugging purposes and can safely be ignored.
20045	Successfully queued message to <N> spids	This is an informational message. The command was successful and has been channeled to the relevant threads.
20046	<ID> is not a valid spid	The spid specified for the registered procedure was incorrect. Please verify the spid before rerunning the command.

ID	Message text	Explanation and action
20047	<REGISTERED_PROCEDURE_NAME>: Unable to grab list of pools	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support.
20048	<REGISTERED_PROCEDURE_NAME>: Cannot change status of pool <POOL_NAME> to <POOL_STATUS>	The specified pool cannot be set to the status specified by <code>rp_pool_status</code> or <code>rp_pool_cache</code> . Check the status and validity of the pool. Call Sybase Technical Support if needed.
20049	<REGISTERED_PROCEDURE_NAME>: Cannot release global list of pools	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support.
20050	<REGISTERED_PROCEDURE_NAME>: Pool <POOL_NAME> existed already	The user tried to add a pool that already exists in this OpenSwitch server. Run <code>rp_pool_status</code> to see existing pool names.

## Message ID 20051 to 20102

ID	Message text	Explanation and action
20051	<REGISTERED_PROCEDURE_NAME>: There is no such pool as <POOL_NAME>	The pool specified for this registered procedure does not exist in this server. Run <code>rp_pool_status</code> to see available pool names.
20052	<REGISTERED_PROCEDURE_NAME>: NULL @rel_pool with <POSITION_STRING> position	A relative position string must be matched with a relative pool in this registered procedure command. See the <i>OpenSwitch Administration Guide</i> for the correct syntax to specify a relative position for a pool.
20053	<REGISTERED_PROCEDURE_NAME>: Error creating pool <POOL_NAME>, see log file	OpenSwitch was unable to create the pool as specified by the registered procedure. Check the OpenSwitch error log for details.
20054	<REGISTERED_PROCEDURE_NAME>: Pool <POOL_NAME> created	This is an informational message: the registered procedure was successful in creating the specified pool.
20055	<REGISTERED_PROCEDURE_NAME>: A valid pool name must be supplied	The command did not specify the pool name parameter for this registered procedure. See the <i>OpenSwitch Administration Guide</i> and rerun the command with the correct parameter(s).
20056	<REGISTERED_PROCEDURE_NAME>: Error destroying pool <POOL_NAME>, see log file	OpenSwitch was unable to drop the pool as specified by the registered procedure. Check the OpenSwitch error log for details.

ID	Message text	Explanation and action
20057	<REGISTERED_PROCEDURE_NAME>: Pool <POOL_NAME> dropped	This is an informational message: The <code>rp_pool_drop</code> command was successful.
20058	<REGISTERED_PROCEDURE_NAME>: There is no such server as <SERVERNAME> in pool <POOL_NAME>	There is no server by this name in the specified pool. Run <code>rp_pool_help &lt;POOL_NAME&gt;</code> to see the servers in that pool.
20059	<REGISTERED_PROCEDURE_NAME>: NULL @rel_server with <POSITION_STRING> position	A relative position string must be matched with a relative server in this registered procedure command. See the <i>OpenSwitch Administration Guide</i> for the correct syntax to use when specifying a relative position for a server.
20060	<REGISTERED_PROCEDURE_NAME>: Error adding server <SERVERNAME> to pool <POOL_NAME>, see log file	OpenSwitch was unable to add the server to the pool specified by the registered procedure. Check the OpenSwitch error log for details.
20061	<REGISTERED_PROCEDURE_NAME>: Server <SERVERNAME> added to pool <POOL_NAME>	This is an informational message: the <code>rp_pool_addserver</code> command was successful.
20062	<REGISTERED_PROCEDURE_NAME>: Error removing server <SERVERNAME> from pool <POOL_NAME>, see log file	OpenSwitch was unable to remove the server from the pool as specified by the registered procedure. Check the OpenSwitch error log for details.
20063	<REGISTERED_PROCEDURE_NAME>: Server <SERVERNAME> removed from pool <POOL_NAME>	This is an informational message: the <code>rp_pool_remserver</code> command was successful.
20064	<REGISTERED_PROCEDURE_NAME>: Invalid attribute name <ATTRIBUTE>	The valid attributes are: <i>username</i> , <i>appname</i> , <i>hostname</i> , <i>type</i> . OpenSwitch does not recognize any other attribute names.
20065	<REGISTERED_PROCEDURE_NAME>: Error adding attribute <ATTRIBUTE> to pool <POOL_NAME>, see log file	OpenSwitch has was unable to add the attribute to the pool as specified by the registered procedure. Check the OpenSwitch error log for details.
20066	<REGISTERED_PROCEDURE_NAME>: Attribute <ATTRIBUTE> successfully added to pool <POOL_NAME>	This is an informational message: the <code>rp_pool_addattrib</code> command was successful.
20067	<REGISTERED_PROCEDURE_NAME>: Error removing attribute <ATTRIBUTE> from pool <POOL_NAME>, see log file	OpenSwitch was unable to remove the attribute from the pool as specified by the registered procedure. Check the OpenSwitch error log for details.
20068	<REGISTERED_PROCEDURE_NAME>: Attribute <ATTRIBUTE> successfully removed from pool <POOL_NAME>	This is an informational message: the <code>rp_pool_remattrib</code> command was successful.
20069	<REGISTERED_PROCEDURE_NAME>: Invalid value for @position, use HEAD, TAIL, BEFORE, or AFTER	Rerun this registered procedure with a valid value for <i>@position</i> .

ID	Message text	Explanation and action
20070	<REGISTERED_PROCEDURE_NAME>: Invalid value for @status, use UP, DOWN, or LOCKED	Rerun this registered procedure with a valid value for @status.
20071	<REGISTERED_PROCEDURE_NAME>: Invali d value for @mode, use CHAINED, or BALANCED	Rerun this registered procedure with a valid value for the @mode parameter.
20072	<REGISTERED_PROCEDURE_NAME>: The <PARAMETER_NAME> parameter must be supplied	Rerun this registered procedure with the parameter specified.
20073	<REGISTERED_PROCEDURE_NAME>: The @action parameter must be ADD, DELETE, or SHOW surrounded by double quotes	Rerun this registered procedure with a valid value for @action.
20074	<REGISTERED_PROCEDURE_NAME>: The <PARAMETER_NAME> parameter must be supplied with an "add" action	Rerun this registered procedure with the parameter specified.
20075	<REGISTERED_PROCEDURE_NAME>: Internal <FUNCTION_NAME> error, see log file	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20076	<REGISTERED_PROCEDURE_NAME>: The <FEATURE_NAME> has not been implemented	This registered procedure is not implemented in this release of OpenSwitch. See the <i>OpenSwitch Administration Guide</i> for a list of implemented registered procedures.
20077	<REGISTERED_PROCEDURE_NAME>: Unable to get server list	This internal OpenSwitch error occurred during rp_server_status. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20078	<REGISTERED_PROCEDURE_NAME>: Error releasing global list of servers	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20079	<REGISTERED_PROCEDURE_NAME>: Unable to change server status of <STATUS> to <new_status>	OpenSwitch was unable to change the status of the server to the new status as specified by the registered procedure. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20080	<REGISTERED_PROCEDURE_NAME>: Invalid server name <SERVERNAME>	The server name specified for the registered procedure is invalid. Rerun your command with another server name.
20081	<REGISTERED_PROCEDURE_NAME>: <PARAMETER_NAME> must be supplied	Rerun this registered procedure with the parameter specified.

ID	Message text	Explanation and action
20082	<REGISTERED_PROCEDURE_NAME>: Illegal parameter name or value, see log file	See the <i>OpenSwitch Administration Guide</i> for the correct syntax for this registered procedure. Rerun your command with the correct set of parameters and values.
20083	<REGISTERED_PROCEDURE_NAME>: Unable to get value of option <OPTION_NAME>	OpenSwitch is unable to retrieve the setting of the option as specified by the registered procedure. Check that the option for which you are executing <code>rp_set</code> is valid and rerun the command.
20084	<REGISTERED_PROCEDURE_NAME>: Unable to set server name for spid <ID>	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20085	<REGISTERED_PROCEDURE_NAME>: Unable to queue stop for spid <ID>	OpenSwitch has encountered an error while trying to stop the client specified by <i>spid</i> . Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20086	<REGISTERED_PROCEDURE_NAME>: Unable to wake up stop for spid <ID>	OpenSwitch is unable to restart a previously stopped thread specified by this <i>spid</i> . Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20087	<REGISTERED_PROCEDURE_NAME>: Error queuing switch request to spid <ID>	OpenSwitch was unable to switch the thread identified by this <i>spid</i> to the secondary server. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20088	Unable to route connection to an available server	During a failover or a switch, OpenSwitch is unable to route the connection to the secondary server. Check that your secondary server is running and accepting connections, and that it is added to the [POOL] section of your OpenSwitch configuration file.
20089	<REGISTERED_PROCEDURE_NAME>: Queued <event_name> event for <N> spid	This is an informational message: this registered procedure affected <N> number of threads.
20090	rp_switch: @force must be 0 or 1	Rerun the <code>rp_switch</code> command using a value of 0 or 1 for <code>@force</code> .
20091	rp_switch: @grace must be 0 when @force is 1	Rerun the <code>rp_switch</code> command using <code>@grace=0</code> and <code>@force=1</code> .
20092	<FUNCTION_NAME>: Unable to determine user name of your connection	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20093	<FUNCTION_NAME>: Unable to determine user type of your connection	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.

ID	Message text	Explanation and action
20094	<FUNCTION_NAME>: Unable to determine password of your connection	This is an internal OpenSwitch error. Check the OpenSwitch error log for details, and call Sybase Technical Support for assistance.
20095	Administrator access granted	This user connection has been granted OpenSwitch administrator access. This message is seen when the user logs in as an administrator using <i>ADMIN_USER</i> and <i>ADMIN_PASSWORD</i> . This administrator role allows the user to run all the registered procedures, as well as <i>sp_who</i> . It is not the same as the administrator role of Adaptive Server.
20096	BCP IN operation is not allowed in OpenSwitch.	bcp in is prohibited from this OpenSwitch server. See the <i>OpenSwitch Administration Guide</i> to check your options for running bcp in on OpenSwitch.
20097	WARNING: a failover has occurred to an ASE and the TDS level that is being used is not the same as the TDS level that was used for the initial connection. This may cause problems with your client applications. If it does then drop and reestablish the client connection.	This is a warning to the client that the secondary Adaptive Server is not at the same TDS level as the primary server. Therefore, a client application may not behave normally after the failover. To eliminate this risk, ensure that the primary and secondary servers are at the same TDS level.
20098	WARNING: a failover has occurred to an ASE that doesn't support all the capabilities that the original ASE supported. This may cause problems with your client applications. If it does then drop and reestablish the client connection.	This is a warning to the client that the secondary Adaptive Server may not support all the capabilities that are supported by the primary server. If a client application relies on some of these capabilities, it may not behave normally after the failover. To eliminate this risk, ensure that the primary and secondary servers support the same capabilities.
20099	WARNING: CS_NOWIDETABLES was set in the response capabilities of the ASE that the original connection was made to. In the server that is being failed over to CS_NOWIDETABLES is not set in the response capabilities. This may cause problems with your application. If it does then disconnect and reconnect to OpenSwitch.	This is a warning to the client that the secondary Adaptive Server does not support the CS_NOWIDETABLES capability as does the primary server. To eliminate this error, ensure that both servers are running at the same TDS level and support the same capabilities.

ID	Message text	Explanation and action
20100	Register Procedure '%1' requires at least %2 argument(s) and only %3 argument(s) was supplied. Please check the OpenSwitch documentation for the proper usage.	The registered procedure executed has received an incorrect number of arguments.
20101	%1: Cannot modify Static or Non-Existing parameter '%2' at runtime. Please See OpenSwitch Documentation for additional information	An attempt was made to reset a configuration parameter which cannot be dynamically reconfigured, or does not exist. Please See the <i>OpenSwitch Administration Guide</i> for the valid configuration parameters to set for OpenSwitch.
20102	Your connection is blocked until a CM becomes available. Contact your Systems Administrator about this error.	A coordination module is necessary to process any incoming requests ( <i>COORD_MODE=ENFORCED</i> ) to this OpenSwitch server, but no coordination module is currently connected. Therefore, the OpenSwitch server has rejected this connection until a coordination module is available.
20103	The pool or server which your application is trying to connect to is currently locked. Please try again at a later time.	This informational message is reported to the client if the NOWAIT_ON_LOCKED option is set to 1, and the pool or server that the connection is supposed to use is in a <i>LOCKED</i> state.
20104	<REGISTERED PROC> Cannot switch spid <spid #> because the target pool/server has a LOCKED status.	This informational message is reported to the administrator if the NOWAIT_ON_LOCKED option is set to 1, and rp_switch failed due to the next server/pool being locked.



# Index

## A

analyzing error messages 2

## C

client applicaitons, messages sent to 2

client messages 101

1205 101

20005 102

20008 102

20011 102

20012 102

20013 102

20014 102

20015 102

20016 102

20017 102

20018 103

20019 103

20020 103

20021 103

20022 103

20023 103

20024 103

20025 103

20026 103

20027 103

20028 103

20029 103

20030 103

20031 103

20032 104

20033 104

20034 104

20035 104

20036 104

20037 104

20038 104

20039 104

20040 104

20041 104

20042 104

20043 104

20044 104

20045 104

20046 104

20047 105

20048 105

20049 105

20050 105

20051 105

20052 105

20053 105

20054 105

20055 105

20056 105

20057 106

20058 106

20059 106

20060 106

20061 106

20062 106

20063 106

20064 106

20065 106

20066 106

20067 106

20068 106

20069 106

20070 107

20071 107

20072 107

20073 107

20074 107

20075 107

20076 107

20077 107

20078 107

## Index

20079 107  
20080 107  
20081 107  
20082 108  
20083 108  
20084 108  
20085 108  
20086 108  
20087 108  
20088 108  
20089 108  
20090 108  
20091 108  
20092 108  
20093 108  
20094 109  
20095 109  
20096 109  
20097 109  
20098 109  
20099 109  
20100 110  
20101 110  
20102 110  
20103 110  
20104 110  
2812 101  
5701 101  
5703 102  
5704 102  
conventions, documentation viii  
coordination module log messages 87  
  cm\_call\_cb 87  
  cm\_callback 90  
  cm\_connect 90  
  cm\_create 92  
  cm\_ctlib\_cb 87  
  cm\_exit 93  
  cm\_get\_data 93  
  cm\_get\_prop 93  
  cm\_getopt 93  
  cm\_ignore 93  
  cm\_ignore\_clear 94  
  cm\_init 94  
  cm\_match\_list 88  
  cm\_msg\_add 88

  cm\_msg\_rem 88  
  cm\_msg\_req\_srv 88  
  cm\_notif\_cb 88  
  cm\_ping 94  
  cm\_ping\_database 89  
  cm\_pool\_status 95  
  cm\_repeat\_ping 95  
  cm\_repeat\_short\_ping 95  
  cm\_results 89  
  cm\_run 96  
  cm\_server\_status 96  
  cm\_set\_data 96  
  cm\_set\_prop 96  
  cm\_set\_srv 96  
  cm\_short\_ping 97  
  cm\_stopstart 90  
  cm\_switch 97  
  cm\_take\_mutex\_nt 90  
  cm\_timer\_add 98  
  cm\_timer\_rem 98  
  Common Library Message 98  
  Open Client Message 98  
  rp\_kill 99  
  Server Message 99

## D

documentation  
  conventions viii  
  OpenSwitch online v

## E

errors  
  analyzing 2  
  network 4  
  reporting to Sybase 6  
  sent to client applications 2  
  sent to OpenSwitch and CM error log 2  
  types 1  
  user 5

**L**

logged error messages 2

**M**

messages sent to client 2

**N**

network errors 4

**O**

OpenSwitch

online documentation v

OpenSwitch Log Messages

arg\_alloc 10

attrib\_add 10

attrib\_create 11

attrib\_read 11

attrib\_rem 11

attrib\_rem\_name 11

attrib\_write 12

cfg\_context 12

cfg\_ct 12

cfg\_debug 13

cfg\_dump 14

cfg\_exit 14

cfg\_hdr 12

cfg\_read 14

cfg\_server 14

cmon\_cfg\_context 16

cmon\_connect\_thread 17

cmon\_disconnect 18

cmon\_markasdown 18

cmon\_sendmsg 18

cmon\_start 18

cmon\_stop 19

cmon\_thread 18

coord\_add 20

coord\_cancel 20

coord\_event 19

coord\_exit 20

coord\_init 20

coord\_mtime\_cb 19

coord\_ncoords 21

coord\_notif\_srv 19

coord\_poll 20

coord\_queue\_event 20

coord\_rem 21

coord\_req\_srv 21

coord\_req\_srv\_n 22

coord\_req\_switch 22

coord\_req\_switch\_n 22

coord\_set\_srv 22

coord\_sleep 20

coord\_stime\_cb 20

coord\_switch 22

coord\_wakeup 23

CS-Library OS Error 23

dyns\_get\_stmtid 23

event\_bulk 23

event\_connect 23

event\_cursor 24

event\_debug 24

event\_disconnect 24

event\_dynamic 24

event\_fp 24

event\_init 25

event\_lang 26

event\_option 26

event\_rpc 26

event\_start 26

event\_stop 27

event\_stop\_services 27

ht\_add 27

ht\_get 27

i18n\_free\_locale 28

i18n\_set\_locale 28

i18n\_xlate 29

i18n\_CID\_byname 28

i18n\_CIDmap\_init 27

i18n\_init 28

list\_alloc 30

list\_delete 29

list\_free 30

list\_insert 29, 30

list\_iter\_delete 30

list\_iter\_done 30

## Index

list\_iter\_init 29  
list\_iter\_insert 31  
list\_iter\_restore 30  
list\_iter\_save 30  
list\_try\_delete 31  
log\_prop 31  
log\_send 31  
log\_send\_failed 31  
main 31  
mem\_dbg\_alloc 32  
mem\_dbg\_init 32  
mempool\_alloc 32  
mempool\_free 32  
mempool\_getblock 32  
mempool\_init 32  
msgq\_clear 33  
msgq\_create 33  
msgq\_destroy 33  
msgq\_get 33  
msgq\_put 33  
msgq\_spid\_alloc 33  
mtx\_create 33  
mtx\_destroy 34  
mtx\_dump\_all 34  
mtx\_exit 34  
mtx\_init 34  
mtx\_lock 33, 34  
mtx\_sleep 35  
mtx\_unlock 33, 35  
opt\_alloc 35  
opt\_exit 35  
opt\_get 35  
opt\_get\_bool 36  
opt\_init 36  
opt\_parse 36  
opt\_set 36  
os\_doneerror 36  
os\_get\_bool 36  
os\_get\_params 37  
os\_raise\_error 37  
os\_regexec 37  
os\_regproc 37  
os\_sendmsg 37  
os\_set\_bind 37  
pat\_alloc 38  
pat\_compile 38  
pat\_find 38  
pat\_match 38  
pool\_add\_attrib 38  
pool\_add\_server 39  
pool\_alloc 38  
pool\_create 39  
pool\_destroy 39  
pool\_exit 39  
pool\_get 38  
pool\_get\_pool 40  
pool\_get\_prop 40  
pool\_init 40  
pool\_rem 40  
pool\_rem\_attrib 40  
pool\_rem\_server 40  
pool\_set\_prop 41  
pool\_set\_prop\_locked 41  
rmon\_add 42  
rmon\_start 42  
rmon\_stop 42  
rmon\_thread 42  
rp\_cancel 42  
rp\_conn 42  
rp\_init 43  
rp\_lang 43  
rp\_msg 43  
rp\_rmon 44  
rp\_shutdown 44  
rp\_switch 44  
sec\_enter\_pool 44  
sec\_enter\_rmon 45  
sec\_enter\_server 45  
sec\_read\_cfg 45  
sec\_read\_pool 46  
sec\_read\_server 46  
server\_alloc 47  
server\_get\_prop 47  
server\_init 47  
server\_set\_prop 47  
service\_init 48  
service\_install 48  
service\_main 48  
service\_remove 49  
service\_status 49  
slock\_create 49  
slock\_destroy 49

slock\_exit 50  
 slock\_init 50  
 slock\_lock 50  
 slock\_unlock 50  
 SRVLIB 50  
 SRVLIB Fatal Process Error 50  
 tdata\_alloc 50  
 tdata\_free 50  
 tdata\_set 50  
 thrd\_alloc 51  
 thrd\_alloc\_special 52  
 thrd\_bulk\_passthru 79  
 thrd\_bulkload 52  
 thrd\_cache\_add 52  
 thrd\_cache\_clear 53  
 thrd\_cache\_get 53  
 thrd\_cache\_timer 53  
 thrd\_cache\_timer\_remove 53  
 thrd\_chgsrv 54  
 thrd\_chgsrv\_ha 54  
 thrd\_close 55  
 thrd\_connect 55, 80  
 thrd\_controlrow 58  
 thrd\_copy\_loginfo 28  
 thrd\_ct\_cancel 58  
 thrd\_ct\_close 58  
 thrd\_ct\_cmd\_drop 58  
 thrd\_ct\_con\_drop 59  
 thrd\_ct\_connect 59  
 thrd\_ct\_fetch 60  
 thrd\_ct\_get\_data 60  
 thrd\_ct\_options 60  
 thrd\_ct\_results 60  
 thrd\_ct\_send\_data 60  
 thrd\_ctparams 60  
 thrd\_cur\_alloc 61  
 thrd\_cur\_close 61  
 thrd\_cur\_declare 61  
 thrd\_cur\_drop 62  
 thrd\_cur\_fetch 62  
 thrd\_cur\_info 62  
 thrd\_cur\_open 62  
 thrd\_cur\_redeclare 63  
 thrd\_cur\_upclause 63  
 thrd\_cur\_update 64  
 thrd\_cursor\_passthru 81  
 thrd\_dobrowse 64  
 thrd\_doneerror 65  
 thrd\_dynamic\_passthru 82  
 thrd\_dyns\_alloc 65  
 thrd\_dyns\_dealloc 65  
 thrd\_dyns\_execimmed 66  
 thrd\_dyns\_execute 66  
 thrd\_dyns\_free 67  
 thrd\_dyns\_passthru 67  
 thrd\_dyns\_prepare 67  
 thrd\_dyns\_reprepare 68  
 thrd\_err\_cb 69  
 thrd\_execute\_select 69  
 thrd\_exit 82  
 thrd\_free 69  
 thrd\_free\_special 70  
 thrd\_get 82  
 thrd\_init 82  
 thrd\_iodead 70  
 thrd\_lang\_passthru 82  
 thrd\_lock 83  
 thrd\_msg 83  
 thrd\_msg\_cb 70  
 thrd\_orderby 70  
 thrd\_poll 71  
 thrd\_procbcp 71  
 thrd\_proccrowfmt 71  
 thrd\_proccrows 72  
 thrd\_proccursrows 72  
 thrd\_procdynfmt 73  
 thrd\_proccrowfmt 73  
 thrd\_proccrows 73  
 thrd\_procstat 73  
 thrd\_proctextcol 74  
 thrd\_proctextimage 74  
 thrd\_pwdcrypt 74  
 thrd\_release 83  
 thrd\_response\_cb 75  
 thrd\_results 75  
 thrd\_rmtpwds 76  
 thrd\_rpc\_passthru 83  
 thrd\_secession\_cb 76  
 thrd\_sendinfo 77  
 thrd\_sendmsg 77, 83  
 thrd\_sendseclabels 77  
 thrd\_spid 78

## Index

thrd\_sql\_add 84  
thrd\_sql\_execute 84  
thrd\_srvparams 78  
thrd\_transtate 79  
thrd\_unlock 84  
thrd\_use 79  
timer\_add 84  
timer\_cleanup 84  
timer\_dequeue 84  
timer\_enqueue 84  
timer\_exit 84  
timer\_init 84  
timer\_rem 85  
timer\_rem\_t 85  
tsleep\_alarm 85  
tsleep\_dequeue 85  
tsleep\_enqueue 85  
tsleep\_event 85  
tsleep\_exit 85  
tsleep\_init 85  
tsleep\_wait 85  
OpenSwitch log messages 9

## R

reporting errors 6  
resource errors 3  
root cause of errors 2

## T

types of errors 1

## U

user errors 5