



DataDirect®
SequeLink®

Troubleshooting Guide and Reference

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Preface

This book provides information about error codes and messages that may be generated when you use MERANT® DataDirect® SequeLink®. Read on to find out more about SequeLink and how to use this book.

What Is DataDirect SequeLink?

DataDirect SequeLink is a middleware product that provides point-to-point connections from client to server for the latest data access standards, including Open Database Connectivity (ODBC), Java Database Connectivity (JDBC) applications, and ActiveX Data Objects (ADO) applications.

Using This Book

This book assumes that you are familiar with your operating system and its commands; the definition of directories; the management of user accounts and security access; and your network protocol and its configuration.

This book contains the following information:

Part 1: Troubleshooting

- [Chapter 1 “Troubleshooting Tools” on page 19](#) provides information about troubleshooting tools for the SequeLink ODBC Driver, SequeLink ADO Provider, and SequeLink JDBC Driver.

- [Chapter 2 “Troubleshooting TCP/IP Connection Problems” on page 27](#) describes problems that can occur during TCP/IP connections.
- [Chapter 3 “Using Debug Log Files” on page 31](#) describes how to use log files to troubleshoot problems.
- [Chapter 4 “Releasing Locks Held by DB2 Threads on OS/390” on page 49](#) describes the relationship between DB2 threads and their associated XA transaction branches, and explains how locks can be released using SequeLink operator commands or RRS panels.

Part 2: Error Codes and Messages

- [Chapter 5 “Overview of Error Codes and Messages” on page 61](#) provides general information about SequeLink’s error handling strategy and describes the types of errors that can occur when using SequeLink.
- [Chapter 6 “Error Messages” on page 69](#) lists error codes and messages that may be generated by SequeLink.

Part 2: OS/390 Messages and Reference

- [Chapter 7 “Overview of OS/390 Log Messages” on page 179](#) describes how OS/390 log messages are organized and formatted.
- [Chapter 8 “OS/390 Messages and Descriptions” on page 183](#) lists OS/390 log messages that may be generated and provides a description of each message.
- [Chapter 9 “SAS/C Runtime Library Messages” on page 261](#) describes how SequeLink Server and SequeLink Manager report messages generated by the SAS/C run-time library.

NOTE: This book refers the reader to Web URLs for more information about specific topics, including Web URLs not maintained by MERANT. Because it is the nature of Web content to change frequently, MERANT can guarantee only that the URLs referenced in this book were correct at the time of publishing.

SequeLink Documentation

The following documentation is provided on your SequeLink CD in PDF format. You can view the online documentation on the CD using the Acrobat Reader.

The following table provides a guide for finding information in your SequeLink documentation.

For information about...	Go to...
SequeLink concepts and planning your SequeLink environment	<i>Getting Started with SequeLink</i>
Installing the SequeLink middleware components	<i>SequeLink Installation Guide</i>
Administering your SequeLink environment	<i>SequeLink Administrator's Guide</i>
Developing ODBC, ADO, and JDBC applications for the SequeLink environment	<i>SequeLink Developer's Reference</i>
Troubleshooting and referencing error messages	<i>SequeLink Troubleshooting Guide and Reference</i>

DataDirect product documentation is also available in PDF and HTML formats on the MERANT DataDirect Web site:

<http://www.merant.com/products/datadirect/download/docs/dochome.asp>

Conventions Used in This Book

The following sections describe the typography, terminology, and other conventions used in this book.

Typographical Conventions

This book uses the following typographical conventions:

Convention	Explanation
<i>italics</i>	Introduces new terms with which you may not be familiar, and is used occasionally for emphasis.
bold	Emphasizes important information. Also indicates button, menu, and icon names on which you can act. For example, click Next .
UPPERCASE	Indicates the name of a file. For operating environments that use case-sensitive filenames, the correct capitalization is used in information specific to those environments. Also indicates keys or key combinations that you can use. For example, press the ENTER key.
monospace	Indicates syntax examples, values that you specify, or results that you receive.
<i>monospaced italics</i>	Indicates names that are placeholders for values that you specify. For example, <i>filename</i> .
forward slash /	Separates menus and their associated commands. For example, Select File / Copy means that you should select Copy from the File menu. The slash also separates directory levels when specifying locations under UNIX.
vertical rule	Indicates an “OR” separator used to delineate items.

Convention	Explanation
brackets []	Indicates optional items. For example, in the following statement: <code>SELECT [DISTINCT], DISTINCT</code> is an optional keyword. Also indicates sections of the Windows Registry.
braces { }	Indicates that you must select one item. For example, <code>{yes no}</code> means that you must specify either yes or no.
ellipsis . . .	Indicates that the immediately preceding item can be repeated any number of times in succession. An ellipsis following a closing bracket indicates that all information in that unit can be repeated.

Mouse Conventions





This action...	Means to...
Click	Point to an object with the mouse pointer and momentarily press the left mouse button.
Double-click	Press the left mouse button twice.
Right-click	Momentarily press the right mouse button.
Drag	Press and hold the left mouse button while dragging item(s) to another part of the screen.
SHIFT+Click	Click an object to select it; then, press and hold the SHIFT key. Click another object to select the intervening series of objects.
CTRL+Click	Press and hold the CTRL key; then, click a selection. This lets you select or deselect any combination of objects.

Keyboard Conventions

Select menu items by using the mouse or pressing ALT+ the key letter of the menu name or item.

Environment-Specific Information

This reference supports users of various operating environments. Where it provides information that does not apply to all supported environments, the following symbols are used to identify that information.

Symbol	Environment
	<i>Windows</i> . Information specific to the Microsoft Windows 95, Windows 98, Windows NT, and Windows 2000 environment is identified by Windows symbol.
	<i>Windows NT</i> . Information specific to the Microsoft Windows NT environment is identified by the Windows symbol and the letters "NT."
	<i>Windows 2000</i> . Information specific to the Microsoft Windows 2000 environment is identified by the Windows symbol and the number "2000."
	<i>UNIX</i> . Information specific to UNIX environments is identified by this symbol, which applies to all UNIX environments supported. UNIX is a registered trademark in the United States and other countries, licensed exclusively through X/Open Company Ltd.
OS/390	<i>OS/390</i> . Information specific to OS/390 environments is identified by the letters, OS/390.

Ordering Printed Books

As part of your SequeLink license agreement, you may print and distribute as many copies of the SequeLink books as needed.

If you do not want to print each of these online books, you can order hard-copy versions from MERANT. To order, please complete the following order form and fax your request to MERANT at (919) 461-4526.

Order Form

Fax your request to MERANT at (919) 461-4526. The cost of shipping will be added to your order.

SequeLink Key: _____

Ordered By: _____ Phone: (____) ____ - _____

Company Name: _____

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City: _____ State: _____ Zip: _____

Credit Card: ☐ Master Card® ☐ VISA® ☐ Discover® ☐ American Express®

Credit Card Number:

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Expiration:

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 Signature: _____
Mo Yr

SequeLink Book Title	Price	Quantity	Total
Documentation Set	\$100.00		
<i>Getting Started with SequeLink</i>	\$35.00		
<i>SequeLink Installation Guide</i>	\$35.00		
<i>SequeLink Administrator's Guide</i>	\$35.00		
<i>SequeLink Developer's Reference</i>	\$35.00		
<i>SequeLink Troubleshooting Guide and Reference</i>	\$35.00		

Shipping: Orders are shipped via Standard Airborne delivery from our Rockville Distribution Center. Items should arrive within 5 business days of receipt of order.

Contacting Technical Support

MERANT provides technical support for all registered users of SequeLink, including limited installation support, for the first 30 days. For support after that time, contact us using one of the following methods or purchase further support by enrolling in the SupportNet program. For more information about SupportNet, contact your sales representative.

The MERANT Web site provides the latest support information through SupportNet Online, our global service network that provides access to valuable tools and information. Our SupportNet users access information using the Web, automatic email notification, newsgroups, and regional user groups. SupportNet Online includes a knowledge base that allows you to search on keywords for technical bulletins and other information. You also can download product fixes for your DataDirect products.

World Wide Web

<http://support.merant.com>

E-Mail

USA, Canada, and Mexico	datadirect.answerline@merant.com
Australia and New Zealand	australia.answerline@merant.com
Japan	jpn.answerline@merant.co.jp
All other countries	int.datadirect.answerline@merant.com

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<http://support.merant.com/websupport/contact/supportnetanswerline.asp>

Live Answerline telephone support is available 24 hours a day, seven days a week.

Fax and Mail Information

Fax US	1 919 461 4527
Fax International	+32 (0) 15 32 09 19
Mail	1500 Perimeter Park Drive, Suite 100, Morrisville, NC 27560 USA

When you contact us, please provide the following information:

- The **product serial number** located on the Product Registration Information card or on a product serial number card in your package. The number will be checked to verify your support eligibility. If you do not have a SupportNet contract, we will ask you to speak with a sales representative.
- Your **name and organization**. For a first-time call, you may be asked for full customer information, including location and contact details.
- The **version number** of your DataDirect product.
- The type and version of your **operating system**.
- Any **third-party software or other environment information** required to understand the problem.
- A **brief description of the problem**, including any error messages that you have received, **and the steps preceding the occurrence of the problem**. Depending on the complexity of the problem, you may be asked to submit an example so that we can recreate the problem.
- An assessment of the **severity level** of the problem.

Part I: Troubleshooting

This part contains the following chapters:

- [Chapter 1 “Troubleshooting Tools” on page 19](#) describes tools that you can use to identify problems for the SequeLink ODBC Driver, SequeLink ADO Provider, and SequeLink JDBC Driver.
- [Chapter 2 “Troubleshooting TCP/IP Connection Problems” on page 27](#) provides information on the types of problems that can occur with TCP/IP connections.
- [Chapter 3 “Using Debug Log Files” on page 31](#) describes how to use log files to troubleshoot problems.

1 Troubleshooting Tools

This chapter provides information about troubleshooting tools for the SequeLink ODBC Driver, SequeLink ADO Provider, and SequeLink JDBC Driver.

Troubleshooting the SequeLink ODBC Driver



ODBCTest is a tool provided by Microsoft that allows you to connect to ODBC data sources and execute or manipulate SQL statements using the ODBC API functions. ODBCTest also displays any error messages reported by the SequeLink ODBC Driver.

ODBCTest is included in the MSDASDK, version 2.5, available for download at <http://www.microsoft.com/msdownload/platformsdk/setuplauncher.htm>.



"Example" is an ODBC, C application provided with the SequeLink ODBC Client on UNIX platforms. The program is located in the *installdir/5_00_00/example* directory, where *installdir* is the installation directory of the SequeLink ODBC Client. When you run the executable, you are prompted for the ODBC data source name, user ID, and password. Once connected, a prompt will appear. You can then execute any non-parameterized SQL statements.

Troubleshooting the SequeLink ADO Provider

Rowset Viewer is a tool provided by Microsoft that allows you to view and manipulate ADO/OLE DB rowsets. In addition, you can use Rowset Viewer to test ADO and OLE DB methods from the objects supported by the SequeLink ADO Provider. The Rowset Viewer also displays any error information from the provider.

For information on using the Rowset Viewer, see "Rowset Viewer Sample" at <http://msdn.microsoft.com/library/psdk/dasdk/oled4lf7.htm>.

Rowset Viewer is included in the MSDASDK, version 2.5, available for download at <http://www.microsoft.com/msdownload/platformsdk/setuplauncher.htm>.

Troubleshooting the SequeLink JDBC Driver

JDBCTest contains menu selections that correspond to specific JDBC functions—for example, connecting to a database or passing a SQL statement. It allows you to:

- Execute a single JDBC method or execute multiple JDBC methods simultaneously, so that you can easily perform some common tasks, such as returning result sets
- Display the results of all JDBC function calls in one window, while displaying fully commented, Java JDBC code in an alternate window

This section introduces JDBCTest and describes how to use it to test JDBC connections. Refer to the *SequeLink Developer's Reference* for information on additional features of JDBCTest and a tutorial that takes you through a working example of its use.

Starting JDBCTest

How you start JDBCTest depends on whether you want to start it as an application or applet, and your Java Virtual Machine:



- **As a Java application on Windows:** Run the `jdbctest.bat` file located in the `jdbctest` directory.



- **As a Java application on UNIX:** Run the `jdbctest.sh` shell script located in the `jdbctest` directory.

- **As an applet:** Start your applet viewer or Web browser and open the HTML file `jdbctest.html` located in the `jdbctest` directory.
- **Using a Java Virtual Machine Other Than the JDK:** JDBCTest is a Java application. For instructions on starting a Java application with your Java Virtual Machine, refer to your Java Virtual Machine documentation. Regardless of the Java Virtual Machine, you must make sure that your `CLASSPATH` includes:

- The directory containing the JDBCTest classes:
install_dir/jdbctest/classes
- The JAR file containing the SequeLink JDBC Driver classes:
install_dir/driver/lib/sljc.jar

where *install_dir* is your SequeLink Java Client installation directory. The class file containing the JDBCTest application is `JDBCTest.class`.

JDBCTest accepts a parameter that identifies a configuration file containing default options. By default, this file is `config.txt`. For more information about this configuration file, see ["Configuring JDBCTest" on page 22](#).

Table 1-1 shows some examples of starting JDBCTest with some popular Java Virtual Machines, where *install_dir* is your SequeLink Java Client installation directory:

Table 1-1. Starting JDBCTest with Java Virtual Machines Other Than the JDK	
Java Virtual Machine	Start Syntax
Java Runtime Environment 1.1.x (JRE)	<code>jre -cp install_dir/jdbctest/classes;install_dir/driver/ lib/sljc.jar JDBCTest Config.txt</code>
Java Runtime Environment 1.2 (JRE)	<code>java -classpath install_dir/jdbctest/classes;install_dir/driver/ lib/sljc.jar JDBCTest Config.txt</code>
Java 2 Platform (formerly Java Development Kit 1.2)	<code>java -classpath install_dir/jdbctest/classes;install_dir/driver/ lib/sljc.jar JDBCTest Config.txt</code>
JView from Microsoft	<code>Jview /cp:p install_dir/jdbctest/classes;install_dir/driver/ lib/sljc.jar JDBCTest Config.txt</code>

Configuring JDBCTest

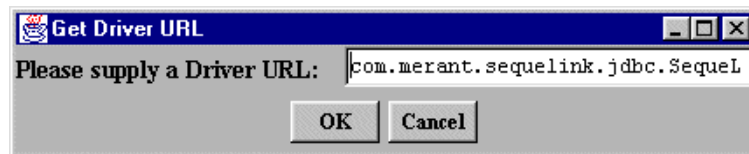
The default JDBCTest configuration file is *installdir/jdbctest/classes/Config.txt*, where *installdir* is the installation directory of the SequeLink Java Client. You can customize this file for your environment using any text editor.

All parameters in the JDBCTest configuration file can be customized, but the most commonly configured parameters are:

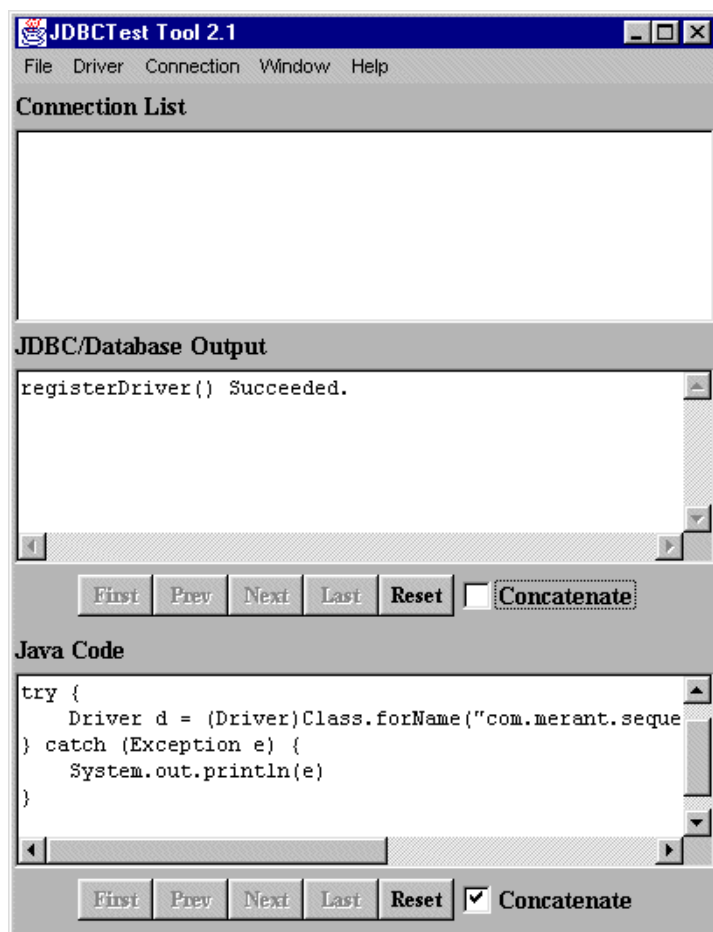
Databases	A list of comma-separated JDBC URLs. You can use one of these URLs as a template when you make a JDBC connection. The default config.txt file contains example URLs for most databases.
DefaultDatabase	The default JDBC URL to be used when you make a connection.

Making a JDBCTest Connection

- 1 Select **Driver / Register Driver**. JDBCTest prompts you for the JDBC driver to load.
- 2 In the Please supply a Driver URL: field, type `com.merant.sequelink.jdbc.SequelDriver`.



Click **OK**. The main JDBCTest window indicates that the driver registration succeeded.

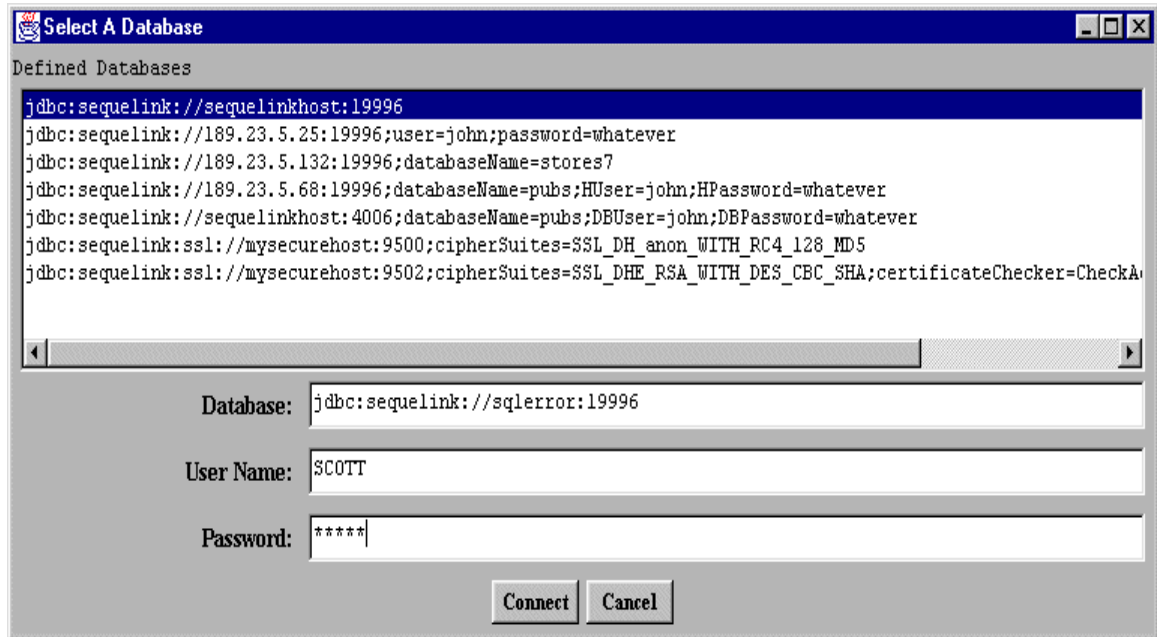


The main JDBCTest window shows the following information:

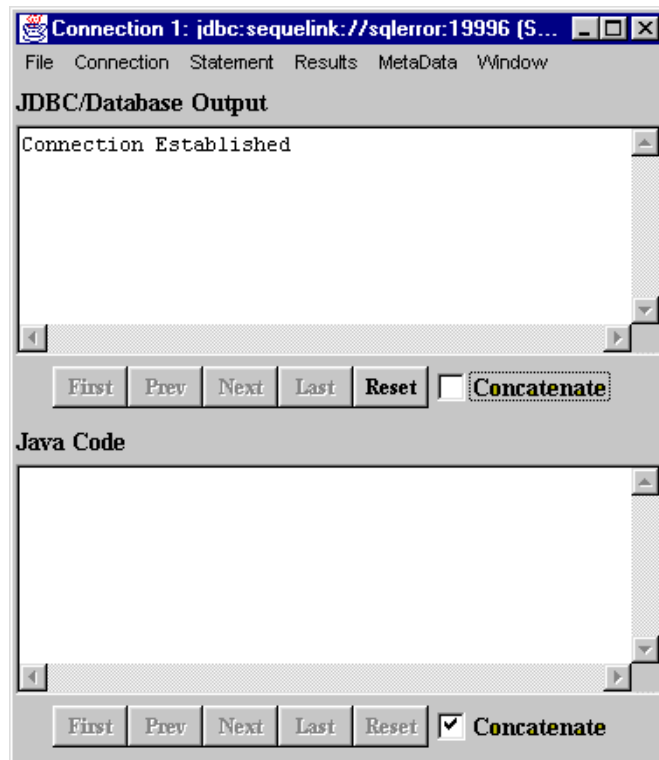
- In the Connection List box, a list of available connections
- In the JDBC/Database scroll box, a report indicating whether the last action succeeded or failed
- In the Java Code scroll box, the actual Java code used to implement the last action

Tip: Select the **Concatenate** check box to see the Java code of all previous actions; otherwise, the Java code of only the last action will be shown.

- 3 Select **Connection / Connect to DB**. JDBC prompts with a list of default connection URLs. Select one from the list and change it as appropriate for your environment.



Click **Connect**. If the connection attempt was successful, a connection window appears.



The connection window shows the following information:

- In the JDBC/Database Output scroll box, a report indicating whether the last action succeeded or failed
- In the Java Code scroll box, the actual Java code used to implement the last action

Tip: Select the **Concatenate** check box to see the Java code of all previous actions; otherwise, the Java code of only the last action will be shown.

2 Troubleshooting TCP/IP Connection Problems

Establishing a TCP/IP connection between a SequeLink Client and a SequeLink service consists of the following steps.

- 1 A low-level TCP/IP connection is made from a SequeLink Client to a SequeLink Server that is listening on the specified TCP/IP port. See the following section, [“Problems That Can Occur When Making the TCP/IP Connection”](#).
- 2 When this low-level TCP/IP connection has been established, the SequeLink Client exchanges operational parameters, or a handshake, with the SequeLink service. See [“Problems That Can Occur When Handshaking”](#) on page 29.

This chapter describes situations that may cause TCP/IP connections between a SequeLink Client and a SequeLink service to fail. For information about the error codes referenced, see [Chapter 6 “Error Messages”](#) on page 69.

Problems That Can Occur When Making the TCP/IP Connection

If you are experiencing problems when a TCP/IP connection is made to a SequeLink Server, follow these recommendations:

- If the server host is specified by a symbolic host name instead of an IP formatted address, make sure that the host name can be mapped to an IP address. Error 2469 indicates that the specified server could not map the server host name to an IP address.

Other TCP/IP applications, such as ping, telnet, ftp, or traceroute, should return similar errors.

- Confirm that it is possible to make a TCP/IP connection with the server host. Verify whether other TCP/IP applications, such as ping, telnet, ftp, or traceroute, can make a connection to the specified server host, if the requested service is available on that host. If other TCP/IP applications can connect to the server host, one of the following situations could be causing the problem:
 - An invalid IP address has been specified.
 - An invalid host name has been specified, even if the host name is mapped to a valid IP address.
 - The server host may not be operational.
 - The server host could not be reached from the client machine because of a routing problem.
- If a time limit is set on the connection, check whether a timeout occurred. Error 2320 is returned when TCP/IP cannot connect to the server host within the specified time. Increase the time interval and try again to connect.
- If the port is specified by a name instead of a number, check whether the name can be mapped to a port number. Error 2470 is returned if the specified name cannot be mapped to a port number. Check the TCP/IP services configuration file.
- Verify that a SequeLink service is listening on the server host at the specified port. Use the netstat -a command on the host to obtain a list of TCP ports that are in the listening state.
- Check for congestion problems on the server. Error 2306 or Error 2308 is returned if TCP/IP can reach the server and a service is listening on the server host at the specified port, but too many TCP/IP connection attempts are being made simultaneously for the server to handle.

Problems That Can Occur When Handshaking

If you are experiencing problems during handshaking after the low-level TCP/IP connection has been made to a SequeLink Server, follow these recommendations:

- OS/390 ■ On OS/390, the SequeLink listener will launch a service process and pass the connected TCP/IP socket to this process. If the service process launch fails, the TCP/IP connection is closed and the SequeLink Client error code 2406 is generated. For more details about the cause of the failure, check the service debug log file or the system log facility.
- You may have specified a TCP/IP port that is not used by a SequeLink service.
 - If the specified port is serviced by a SequeLink Server of an earlier, incompatible version (SequeLink 4.x), the following errors can occur:
 - Error 2200. The client did not receive a reply from the server within the specified time frame. This error occurs only if a connection timeout is specified.
 - Error 2300. The server closed the transport connection.
 - If the specified port is serviced by a server that is not a SequeLink server, the following errors can occur:
 - Error 2200. The client did not receive a reply from the server within the specified time frame. This error occurs only if a connection timeout is specified.
 - Error 2300. The server closed the transport connection.
 - Error 2310. The server went down while trying to process the handshake request. The connection was closed.
 - Error 2315. The server received the handshake request and returned a non-IIOP reply that the client could not understand.

- Connecting with a previous, incompatible version of the SequeLink Client (SequeLink 4.x) to a SequeLink 5.0 Server:
 - The client receives an error message that informs you that the server has closed the connection during the initial handshake.
 - If the specified port is serviced by a SequeLink 5.0 Server, the following errors can occur:
 - Error 2200. The client did not receive a reply from the server within the specified time frame. This error occurs only if a connection timeout is specified.
 - Error 2312. A connection was established with the server, but no data was received on the server within the keep alive period. Increase the keep alive setting on the server.

3 Using Debug Log Files

This chapter describes the SequeLink debug log files, how to obtain the files, and how to set the debug log file options.

SequeLink Debug Log Files

MERANT technical support may ask you to provide a debug log file. SequeLink Server uses the following types of debug log files:

- **Session debug log file** contains information related to all server processing in the context of a client session. See the following section, [“SequeLink Server Session Debug Log File”](#).
- **Service debug log file** contains information related to service-related processing—any kind of processing that occurs *outside* the context of a client session. See [“SequeLink Service Debug Log File”](#) on page 34.

SequeLink Server Session Debug Log File

The SequeLink Server Session debug log file contains information related to all processing that occurs in the context of a client session. Each debug log file includes a fixed header that contains installation-specific information.

When you consult MERANT technical support, you may be asked for the contents of this log file. The name and location of the

SequeLink Server Session debug log file depend on your SequeLink Server platform.

The information that is logged depends on the value set for the `ServiceDebugLogLevel` service attribute. By default, logging is enabled for Fatal Error messages. Enabling additional logging levels uses considerable disk space and slows processing. We recommend that you enable these additional levels only while you are troubleshooting. How you turn on and off the logging option depends on your SequeLink Server platform. For information about setting debug levels, see [“Configuring Logging” on page 37](#).



Session Debug Log File on Windows NT and Windows 2000

Log File Name:

The log file name is *servicename_sessionid_processid.log* where:

servicename is the name of the SequeLink service.

sessionid is a unique numeric identifier of the session.

processid is the numeric process identifier assigned by the operating system for the SequeLink service process.

Log File Location:

The `ServiceDebugLogPath` service attribute specifies the location of the file. For more information about specifying SequeLink service attributes, refer to the *SequeLink Administrator's Guide*.



Session Debug Log File on UNIX

Log File Name:

The log file name is *servicename_sessionid_processid.log* where:

servicename is the name of the SequeLink service.

sessionid is a unique numeric identifier of the session.

processid is the numeric process identifier assigned by the operating system for the SequeLink service process.

Log File Location:

The ServiceDebugLogPath service attribute specifies the location of the file. For more information about specifying SequeLink service attributes, refer to the *SequeLink Administrator's Guide*.

OS/390 *Session Debug Log File on OS/390*

Log File Name:

The log file name is *hlq.Tnnnnnnnn* where:

hlq is the high-level qualifier specified in the ServiceDebugLogPath service attribute. For more information about specifying SequeLink service attributes, refer to the *SequeLink Administrator's Guide*.

Tnnnnnnnn is the thread ID.

Log File Location:

The ServiceDebugLogPath service attribute specifies the location of the file. The attribute name is suffixed with the thread ID: ServiceDebugLogPath.*Tnnnnnnnn*. For more information about specifying SequeLink service attributes, refer to the *SequeLink Administrator's Guide*.

SequeLink Service Debug Log File

The service debug log file contains information about processing that occurs outside the context of a client session. Each debug log file includes a fixed header that contains installation-specific information.

When you consult MERANT technical support, you may be asked for the contents of this log file. The name and location of the SequeLink Service debug log file depend on your SequeLink Server platform.

The information that is logged depends on the value set for the `ServiceDebugLogLevel` service attribute. By default, logging is enabled for Fatal Error messages. Enabling additional logging levels uses considerable disk space and slows processing. We recommend that you enable these additional levels only while you are troubleshooting. How you turn on and off the logging option depends on your SequeLink Server platform. For information about setting debug levels, see [“Configuring Logging” on page 37](#).



Service Debug Log File on Windows NT and Windows 2000

On Windows NT and Windows 2000, the operator logging facility is the event log. You can access the event log by clicking the **Event Viewer** icon in the Administrative Tools program group. SequeLink Server logging belongs to the application class, with the service name as the source name.

The service debug log file is an operating system file called `servicename_processid.log` where:

servicename is the name of the SequeLink service.

processid is the numeric process identifier assigned by the operating system for the SequeLink service process.

You can choose the messages that you want to view in the event log by using the Filter menu option.

NOTE: You may need to refresh the Event window to receive the latest logging information.



Service Debug Log File on UNIX

The ServiceDebugLogPath service attribute specifies the location of the service debug log file. The service debug log file is an operating system file called *servicename_processid.log* where:

servicename is the name of the SequeLink service.

processid is the numeric process identifier assigned by the operating system for the SequeLink service process.

Messages are sent to the syslogd infrastructure. By default, the messages are sent as USER type messages; however, you can change the message type by setting the ServiceUnixSyslogFacility service attribute. For more information about specifying SequeLink service attributes, refer to the *SequeLink Administrator's Guide*.

OS/390 Service Debug Log File on OS/390

The service debug log file on OS/390 displays as a log message. You can view the service log message with the OS/390 System Display and Search Facility (SDSF).

- 1 Use the SDSF option **DA** to display a list of the active jobs. Select the SequeLink job using a question mark command and press **ENTER**. For example:

NP	JOBNAME	STEPNAME	PROCSTEP	JOBID	OWNER
	GN00002H	DUMP		JOB08358	GN00002
?	GN00002O	SQLNK		JOB08359	GN00002
	GN00002	LOGISPF4	FBBS080I	TSU08354	GN00002

- 2 Select the VAILOGP (primary) or VAILOGS (secondary) log file and press ENTER. The following example shows choosing the VAILOGP log file:

NP	DDNAME	STEPNAME	PROCSTEP	DSID	OWNER
	JESMSGLG	JES2		2	GN00002
	JESJCL	JES2		3	GN00002
	JESYSMSG	JES2		4	GN00002
s	VAILOGP	SQLNK		104	GN00002
	SYS00001	SQLNK		106	GN00002

You will now see all SequeLink messages.

- 3 In some special cases, additional information is written to SYSTERM. Select the SYSTERM log file and press ENTER. For example:

NP	DDNAME	STEPNAME	PROCSTEP	DSID	OWNER
	JESMSGLG	JES2		2	GN00002
	JESJCL	JES2		3	GN00002
	JESYSMSG	JES2		4	GN00002
	VAILOGP	SQLNK		104	GN00002
S	SYSTERM	SQLNK		106	GN00002

Use the SDSF option LOG to view the system log when you want to view messages—for example, DB2 messages related to SequeLink.

Configuring Logging

You configure logging by using the SequeLink Manager to change the ServiceDebugLogLevel service attribute. Depending on the level of logging you set, the log file can contain any of the following types of messages:

- Fatal Errors
- Errors
- Warnings
- Information
- Debug
- SSP Packet log (SequeLink Server Protocol packets in binary format)
- SSP requests (decoded SSP packets)

By default, the logging is enabled for Fatal Error messages.

All Error and Fatal Error messages (for example, an invalid license key encountered message) are logged in a system-wide, platform-specific log facility:



- **On Windows NT and Windows 2000**, use the Event Viewer and look for messages in the Application Log where the Source is either SequeLink or the name of the service.



- **On UNIX**, messages are sent to the UNIX syslog service. The messages will be sent by default as USER type messages (the ServiceUnixSyslogFacility service attribute can be used to change the default message type). The SequeLink administrator can edit the syslog.conf file to configure the actual destination of these messages. Refer to your UNIX documentation for more information.

- OS/390 ■ On **OS/390**, the SequeLink Server log files, VAILOGP and VAILOGS, are used to log all messages. In addition to the service messages, the SequeLink Server log contains all messages from other components, such as the TCP/IP listener and the DB2 interface. Messages are sent first to VAILOGP, the primary log. When the primary log is almost full, SequeLink Server sends a message to the operator's console to alert you to switch to the secondary log file, VAILOGS.



Configuring Logging Using the SequeLink Manager Snap-in

- 1 Select the service for which you want to obtain a log file.
- 2 Select the **Configuration** node.
- 3 Select the **Service Default Settings** node.
- 4 Select the **Logging** node.
- 5 Change the properties for the ServiceDebugLogLevel service attribute. Enabling all check boxes on the ServiceDebugLogLevel Properties window will log all possible debug information.
- 6 Save the configuration file.

The change will take effect for all subsequent connections. For information about using the SequeLink Manager Snap-in, refer to the *SequeLink Administrator's Guide*.



Configuring Logging Using the SequeLink Manager Command-Line Tool

Use the SequeLink Manager Command-Line Tool command `ServiceDebugLogLevel`, which has the format:

```
{ServiceDebugLogLevel | sdll} service_name
[ [{dis | disable}]
[{enall | enableall}]
[{en | enable}]
[{ferr | fatalerror}={off | on}] |
[{err | errors}={off | on}] |
[{war | warnings}={off | on}] |
[{info | informationals}={off | on}] |
[{debug | debugging}={off | on}] |
[{sspp | ssppackets}={off | on}] |
[{sspr | ssprequests}={off | on}] | ... ]
```

where *service_name* is the service to which the session belongs. Service names can be obtained using the `ServiceList | sl` command.

The following example turns on debug messages and turns off error messages in the debug log file for the SLOracle8 data access service.

```
sdll SLOracle8 debug=on err=off
```

The change will take effect for all subsequent connections. For information about using the SequeLink Manager Command-Line Tool, refer to the *SequeLink Administrator's Guide*.

OS/390 **Configuring Logging Using the SequeLink Manager for OS/390**

- 1 From the server management tree, type / beside the Service Settings node of the SequeLink service for which you want to obtain a log file. The server management tree shows the attribute categories for the service.
- 2 Type s beside the Logging attribute category to select it; then, press ENTER. The AttributeList panel appears.

```

DataDirect SequeLink Manager for OS/390
.----- DataDirect SequeLink Manager for OS/390 - AttributeList -----.
|                                                                 Row 1 to 3 of 3 |
| Dialog canceled.                                                                 MORE >>> |
|                                                                 |
| Service MVSDB2 |
| Enter the 'ADD'-command to add an attribute or |
| perform one of the actions below on a specific attribute |
| o (S)elect    o (C)hange    o (D)elete    o (?)Help |
|                                                                 |
| Name                                         Value |
|-----|-----|
| ServiceDebugLogLevel                        1 |
| ServiceDebugLogPath                        SQLNK.SLX.ACCT1.LOG |
| ServiceEventTraceSize                      1000000 |
| ***** Bottom of data ***** |
|                                                                 |
| COMMAND ==> |
| F1=Help      F3=End      F5=View Err    F7=Up      F8=Down |
| F10=Left     F11=Right   F12=Cancel |
|-----|-----|
```

NOTES:

- Your screen may not be able to display all attributes at once. Press F7 and F8 to scroll up and down the attribute list.
 - To display help about an attribute, type ? beside the attribute; then, press ENTER.
- 3** Type c beside the ServiceDebugLogLevel attribute; then, press ENTER. The Attribute Display window appears.

```

DataDirect SequeLink Manager for OS/390
.-- DataDirect SequeLink Manager for OS/390 ---.
|                                     Row 1 to 7 of 7 |
| ServiceDebugLogLevel               |
| Bitmask currently in effect:       |
|                                     |
| Use (S) or (/) to select bits to set. |
|                                     |
| Bit description                     |
| -----|
| / Fatal                            |
| Errors                             |
| Warnings                           |
| Informational                       |
| Debug                              |
| SSP Packet Log                      |
| SSP Requests                        |
| COMMAND ==>                        SCROLL > PAGE |
| F1=Help          F3=End          F5=View Err |
| F7=Up            F8=Down        F10=Left  |
| -----|

```

- 4** Type / beside one or multiple log options; then, press ENTER. You are returned to the AttributeList panel, and the attribute value, if valid, is changed.
- 5** Press F3 to return to the server management tree.

The change will take effect for all subsequent connections. For information about using the SequeLink Manager for OS/390, refer to the *SequeLink Administrator's Guide*.

Changing the Debug Log Level for Active Services and Sessions



On Windows and UNIX, you can change the debug log level for active services and sessions when a monitoring profile is enabled:

- **If you change the debug log level for an active service**, the change becomes effective immediately, but reverts to its original setting when the service is next restarted.
- **If you change the debug log level for an active session**, the change becomes effective immediately, but expires when the session ends.

Changing the Debug Log Level for an Active Service

When a monitoring profile is enabled, you can change the debug log level for an active service. The change is effective immediately, but reverts to its original setting when the service is next restarted.



Changing the Debug Log Level for an Active Service Using the SequeLink Manager Snap-in

- 1 Using the SequeLink Manager Snap-in, right-click the service for which you want to change the debug log level, and select **Properties**.

- 2 Click the **Debug Log Level** tab, and change the debug log level by selecting one or multiple check boxes.

For more information about using the SequeLink Manager Snap-in, refer to the *SequeLink Administrator's Guide*.

Changing the Debug Log Level for An Active Service Using the SequeLink Manager Command-Line Tool

Use the SequeLink Manager command `ServiceActiveDebugLogLevel`, which has the format:

```
{ServiceActiveDebugLogLevel | sadll} service_name
[ [{dis | disable}]
[{enall | enableall}]
[{en | enable}]
[{{ferr | fatalerror}={off | on}} |
[{err | errors=off | on}} |
[{war | warnings}={off | on}} |
[{{info | informationals}={off | on}} |
[{{debug | debugging}={off | on}} |
[{{sspp | ssppackets}={off | on}} |
[{{sspr | ssprequests}={off | on}} | ... ]
```

where *service_name* is the active service for which you want to display or change debug log levels. Service names can be obtained using the `ServiceList | sl` command.

The following example turns on debug messages and turns off error messages in the debug log for the `SLOracle8` data access service.

```
sadll SLOracle8 debug=on err=off
```

For more information about using the SequeLink Manager Command-Line Tool, refer to the *SequeLink Administrator's Guide*.



Changing the Debug Log Level for an Active Session

When a monitoring profile is enabled, you can change the debug log level for an active session. The change is effective immediately, but expires when the session ends.



Changing the Debug Log Level for an Active Session Using the SequeLink Manager Snap-in

- 1 Using the SequeLink Manager Snap-in, select the service that owns the session for which you want to change the debug log level.
- 2 Select the **Monitor** node.
- 3 Select the **Active Sessions** node.
- 4 Right-click the session for which you want to change the debug log level, and select **Properties**.
- 5 Click the **Debug Log Level** tab, and change the debug trace level by selecting one or multiple check boxes.

For more information about using the SequeLink Manager Snap-in, refer to the *SequeLink Administrator's Guide*.



Changing the Debug Log Level for an Active Session Using the SequeLink Manager Command-Line Tool

Use the SequeLink Manager command `ServiceDebugLogLevel`, which has the format:

```
{SessionDebugLogLevel | sesdll} service_name
[ [{dis | disable}]
[{enall | enableall}]
[{en | enable}]
[{ferr | fatalerror}={off | on}] |
[{err | errors}={off | on}] |
[{war | warnings}={off | on}] |
[{info | informationals}={off | on}] |
[{debug | debugging}={off | on}] |
[{sspp | ssppackets}={off | on}] |
[{sspr | ssprequests}={off | on}] | ... ]
```

where *service_name* is the service to which the session belongs. Service names can be obtained using the `ServiceList | sl` command.

Example A: The following example displays the current settings of the debug log for session 5 of the SLOracle8 data access service.

```
sesdll SLOracle8 5
```

Example B: The following example turns on debug messages and turns off error messages in the debug log for session 5 of the SLOracle8 data access service.

```
sesdll SLOracle8 5 debug=on err=off
```

NOTE: The `SessionDebugLogLevel` command is not applicable to SequeLink services on UNIX or OS/390.

For more information about using the SequeLink Manager Command-Line Tool, refer to the *SequeLink Administrator's Guide*.

Multi-Platform Log Messages

Some log messages are not platform-specific. This type of message is generated by a Service Task, and begins with a service name and, in some cases, a thread ID. The message continues with a specific error code and message. See [Chapter 6 “Error Messages” on page 69](#) for the details about the error code.

The following examples show the general format of this type of log message.

Tnnnnnnnn—ServiceName@Hostname>, ErrorCode=<xxxx>, ErrorMessage=<ttttttttt>.

- Severity: The severity depends on the situation.
- Explanation: The explanation of the failure depends on the exact nature of the failure.
- System action: The system action depends on the exact nature of the failure.
- User response: The user response depends on the exact nature of the failure.

<service name>@<hostname>, ErrorCode=<xxxx>, ErrorMessage=<text>.

- Severity: The severity depends on the situation.
- Explanation: This is a general error message.
- System action: The operation fails.
- User response: The user response depends on the exact nature of the failure.

Releasing Locks Held by Disassociated DB2 Threads

An XA transaction branch starts with `xa_start()` to register a new transaction branch with the resource manager, and ends with `xa_end` when the application completes a portion of its work, either partially or in its entirety. When `xa_end()` is successfully returned, the calling thread of control is no longer actively associated with the branch, but the branch still exists. The transaction manager then calls `xa_prepare()` to request a resource manager to prepare the work performed in that transaction branch for commitment.

During the time between the `xa_end()` and the `xa_prepare()`, the transaction branch, represented by an RRS context, is no longer associated with the thread of control. This disassociated RRS context can hold resources in the resource manager on behalf of the transaction branch. The unit of recovery state for this transaction branch is called "InFlight".

After `xa_prepare` is successfully returned, the transaction branch, represented by an RRS context, is disassociated from the thread of control. This disassociated RRS context can hold resources in the resource manager on behalf of the transaction branch. The unit of recovery state for this transaction branch is called "InDoubt".

The application calls:

- `xa_commit()` to direct the resource manager to commit the transaction branch. The resource manager applies any changes (commits) it has made to shared resources and releases any resources held on behalf of the branch.
- `xa_rollback()` to direct the resource manager to roll back a branch. The resource manager cancels any changes (rolls back) that it applied to shared resources, and releases any resources it held.

Disassociated RRS contexts can be rolled back or committed using SequeLink operator commands. For information on using SequeLink Operator Commands, refer to the *SequeLink Administrator's Guide*.

Disassociated RRS contexts can also be rolled back or committed by using RRS panels.

4 Releasing Locks Held by DB2 Threads on OS/390

This chapter describes the relationship between DB2 threads and their associated XA transaction branches, and explains how locks can be released using SequeLink operator commands or RRS panels.

Overview

An XA transaction branch starts with `xa_start()`, which registers a new transaction branch with the resource manager. The transaction branch ends with `xa_end`, when the application completes a portion of its work, either partially or in its entirety. The transaction manager then calls `xa_prepare()` to request a resource manager to prepare the work performed in that transaction branch for commitment.

Following a failure during a transaction, one of two unit of recovery states for the transaction branch will occur:

InFlight unit of recovery state: After `xa_end()` is successfully returned and before the `xa_prepare()` is called, the calling thread of control is no longer actively associated with the transaction branch. The transaction branch still exists, and is represented by an RRS context. This disassociated RRS context can hold resources in the resource manager on behalf of the transaction branch.

InDoubt unit of recovery state: After `xa_prepare` is successfully returned, the RRS context that represents the transaction branch is disassociated from the thread of control. This disassociated

RRS context can hold resources in the resource manager on behalf of the transaction branch.

The application calls:

- `xa_commit()` to direct the resource manager to commit the transaction branch. The resource manager applies any changes (commits) it has made to shared resources and releases any resources held on behalf of the branch.
- `xa_rollback()` to direct the resource manager to roll back a branch. The resource manager cancels any changes (rolls back) that it applied to shared resources, and releases any resources it held.

Releasing Locks with SequeLink Operator Commands

Disassociated RRS contexts that are related to recovery and in an InFlight state can be released using the SequeLink `RELEASE THRDID=Txxxxxxx,TYPE=ROLLBACK/COMMIT,ID=ifid` operator command. The transactions can be rolled back or committed to release the locks in the data store held by the contexts. For information on using SequeLink operator commands, refer to the *SequeLink Administrator's Guide*.

Releasing Locks Using RRS Panels

Disassociated RRS contexts can be rolled back or committed by using RRS panels, as shown in the following scenario.

The client application terminates unexpectedly, resulting in network error messages in the SequeLink Server Log, as shown in [Figure 4-1](#).

Figure 4-1. VAILOGP Messages

```

VAIL021E T0000006 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000007 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000005 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000004 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000014 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000012 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000016 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000015 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000009 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b
VAIL021E T0000013 - MVSDB25@127.0.0.1,ErrorCode=2300,
ErrorMessage=Network problem, connection unexpectedly closed b

```

The client connections are not recognized by the server because their corresponding SequeLink Server tasks have been stopped. This can be determined using the operator command XTCP STATUS, as shown in [Figure 4-2](#), and by using CNTL STATUS, as shown in [Figure 4-3](#).

Figure 4-2. XTCP STATUS

```
VAIX033I STATE(IN SERVICE): STARTING(0) ACTIVE(0) AVAIL(128)
MAX(128)
VAIX077I TASKNAME PEER IP-ADDRESS          SERVICE  STATE
RECEIVED/SENT
VAII999X END
```

Figure 4-3. CNTL STATUS

```
VAIS085I -TASKNAME- -TACBADDR- -FLGS- -CPU- -SERVICE- -USERID-
VAIS089I VAISMAIN 16604D30 S 0.25 **CORE** **N/A**
VAIS089I VAICMNDM 1660CD30 W 1.00 **CORE** **N/A**
VAIS089I VAIBEAT 16614D30 W 0.01 **CORE** **N/A**
VAIS089I VAICLMSG 1661CD30 W 0.06 **CORE** **N/A**
VAIS089I VAICOPRI 16624D30 D 0.01 **CORE** **N/A**
VAIS089I VAICDB2O 1662CD30 W 0.00 **CORE** **N/A**
VAIS089I VAICDB2R 1670BD30 WP 0.05 **CORE** **N/A**
VAIS089I VAIXTCP 16733D30 W 0.09 **CORE** **N/A**
VAII999X END
```

When the SequeLink Server tasks stop, the DB2 thread is disassociated from the task (executing unit). These disassociated threads can be displayed with the DB2 command -DISPLAY THREAD(*), as shown in [Figure 4-4](#). A status of "DI" means that the thread is disconnected from an execution unit; no TCB is associated with that DB2 thread. However, the resource manager preserves the transaction branch until a commit/rollback occurs and the transaction branch terminates.

Figure 4-4. Displaying Disassociated Threads with the -DISPLAY THREAD(*) Command

```
#DSNI DISPLAY THREAD(*)
DSNV401I #DSNI DISPLAY THREAD REPORT FOLLOWS -
DSNV402I #DSNI ACTIVE THREADS - 372
```

NAME	ST A	REQ ID	AUTHID	PLAN	ASID	TOKEN
RRSAF	N	1	ISLD004		002E	0
RRSAF	N	1	ISLD006		0030	0
RRSAF	N	1	ISLD004		0050	0
RRSAF	DI	7 T0000005	JVS001	ISLD4PL	0050	15833
RRSAF	DI	7 T0000006	JVS001	ISLD4PL	0050	15834
RRSAF	DI	7 T0000007	JVS001	ISLD4PL	0050	15835
RRSAF	DI	7 T0000004	JVS001	ISLD4PL	0050	15836
RRSAF	DI	6 T0000013	JVS001	ISLD4PL	0050	15863
RRSAF	DI	6 T0000012	JVS001	ISLD4PL	0050	15864
RRSAF	DI	7 T0000016	JVS001	ISLD4PL	0050	15865
RRSAF	DI	7 T0000015	JVS001	ISLD4PL	0050	15866
RRSAF	DI	3 T0000014	JVS001	ISLD4PL	0050	15867

```
DISPLAY ACTIVE REPORT COMPLETE
```

You cannot free the locks held by a disassociated context using the DB2 commands.

The SequeLink Server acts as a server distributed syncpoint resource manager (a communication manager for the resource manager, DB2). Therefore, it must keep track of these disassociated threads. The list of disassociated thread contexts known in the SequeLink Server can be viewed using the RRS LIST command, as shown in [Figure 4-5](#).

Figure 4-5. Viewing Disassociated Thread Contexts with the RRS LIST command

VAID101I	ThreadId	UR identifier	UR state
VAID104I	T0000005	X'B3DA1BF67EC5A5300000003201010000'	InCommit
VAID104I		Xid(gtrid): X'6ACD6F4632B135D5'	
VAID104I		Xid(bqual): X'BE95DC27C5B4ECB1'	
VAID104I	T0000006	X'B3DA1BF77EC5AA6000000003301010000'	InCommit
VAID104I		Xid(gtrid): X'B6C3B18531844F13'	
VAID104I		Xid(bqual): X'333381D857D47525'	
VAID104I	T0000007	X'B3DA1BF77EC5B4C000000003401010000'	InCommit
VAID104I		Xid(gtrid): X'3C7AA0A782494F9E'	
VAID104I		Xid(bqual): X'C67E1529937EB854'	
VAID104I	T0000004	X'B3DA1BF77EC5B75800000003501010000'	InCommit
VAID104I		Xid(gtrid): X'BFC8E1622AF14FCE'	
VAID104I		Xid(bqual): X'ECC0B7815A1E5936'	
VAID104I	T0000013	X'B3DA1CC17EC5B22800000005001010000'	InDoubt
VAID104I		Xid(gtrid): X'837A67A25BB2D9BA'	
VAID104I		Xid(bqual): X'361DEC9E6B1A90D6'	
VAID104I	T0000012	X'B3DA1CC17EC5B75800000005101010000'	InFlight
VAID104I		Xid(gtrid): X'A2EFB0AAF6F5B099'	
VAID104I		Xid(bqual): X'D1CC1F895E62A9B2'	
VAID104I	T0000016	X'B3DA1CC27EC5A53000000005201010000'	InCommit
VAID104I		Xid(gtrid): X'C33513F16D889A00'	
VAID104I		Xid(bqual): X'8EFF5EFD22DC19F2'	
VAID104I	T0000015	X'B3DA1CC27EC5B4C000000005301010000'	InCommit
VAID104I		Xid(gtrid): X'08CAC3EC659EF2A8'	
VAID104I		Xid(bqual): X'4BEA154D32F10698'	
VAID104I	T0000014	X'B3DA1CC27EC5B9F000000005401010000'	InFlight
VAID104I		Xid(gtrid): X'BA62A0C78DEF20D6'	
VAID104I		Xid(bqual): X'E984D4261E1233EA'	
VAII999X	END		

NOTE: This RRS LIST command also displays associated contexts.

Disassociated contexts can still hold resources in the resource manager. When these resources need to be released, a heuristic branch completion can occur. That is, the resource manager that has prepared a transaction branch for commitment (here DB2, with SequeLink acting as a communication manager for DB2) may decide to commit or roll back its work independently of the transaction manager (for example, MTS transaction server).

In the DB2 PM output shown in [Figure 4-6](#), the disassociated context of thread T0000013 holds shared resources.

Figure 4-6. DB2 PM Locked Resources

For T0000004-T0000006 and T0000014-T0000016:

Database	Type	Status	Duration	Attribute
Object	Count	Suspended	Function	
N/A	SKCT	S	PLAN	L-LOCK
ISLD4PL	1	NO	N/A	

For T0000012 and T0000013

Database	Type	Status	Duration	Attribute
Object	Count	Suspended	Function	
261	PAGESET	IX	COMMIT	L-LOCK
239	1	NO	N/A	
261	DATAPAGE	X	COMMIT	L-LOCK
239	1	NO	N/A	
261	DATABASE	S	COMMIT	L-LOCK
N/A	1	NO	N/A	
6	PAGESET	IS	COMMIT	L-LOCK
9	1	NO	N/A	
SWDB2SQL	SKPT	S	COMMIT	L-LOCK
ISLD4_U	1	NO	N/A	
N/A	SKCT	S	PLAN	L-LOCK
ISLD4PL	1	NO	N/A	

The unit of recovery (UR) of this context is in an "InDoubt" state, as shown in [Figure 4-7](#).

Figure 4-7. RRS Unit of Recovery List Panel Showing InDoubt URs

RRS Unit of Recovery List		Row 1 to 3 of 3		
Command ==>		Scroll ==> PAGE		
Commands: v-View Details c-Commit b-Backout r-Remove Interest				
S	UR Identifier	State	Type	Comments
	B3DA1CC17EC5B2280000005001010000	InDoubt	Prot	
	B3DA1CC27EC5B9F00000005401010000	InFlight	Prot	
	B3DA1CC17EC5B7580000005101010000	InFlight	Prot	

As shown in [Figure 4-8](#), this UR can be completed heuristically with the RRS panels, setting the UR in an "InForget" state.

Figure 4-8. RRS Unit of Recovery List Panel After Heuristic Completion

RRS Unit of Recovery List		Row 1 to 3 of 3		
Command ==>		Scroll ==> PAGE		
Commands: v-View Details c-Commit b-Backout r-Remove Interest				
S	UR Identifier	State	Type	Comments
	B3DA1CC17EC5B2280000005001010000	InForget	Prot	
	B3DA1CC27EC5B9F00000005401010000	InFlight	Prot	
	B3DA1CC17EC5B7580000005101010000	InFlight	Prot	

The RRS panels are unable to roll back or commit the URs that are in an "InFlight" state. If these threads have shared resources locked, the locks can be released by stopping the SequeLink Server or by using the RRS `RELEASE THRDID=Txxxxxxx,TYPE=ROLLBACK/COMMIT,ID=ifid` command, shown in [Figure 4-9](#). This command will roll back or commit these InFlight URs of disassociated threads.

Figure 4-9. RRS RELEASE THRDID=T0000012,TYPE=ROLLBACK,ID=DSN5

RRS LIST (only for T0000012)

VAID104I T0000012 X'B3DA1CC17EC5B7580000005101010000'

InBackout

VAID104I Xid(gtrid): X'A2EFB0AAF6F5B099'

VAID104I Xid(bqual): X'D1CC1F895E62A9B2'

DB2 PM Locked Resources (for T0000012)

Database	Type	Status	Duration	
Attribute				
Object	Count	Suspended	Function	
— N/A	SKCT	S	PLAN	L-LOCK
ISLD4PL	1	NO	N/A	

Part 2: Error Codes and Messages

This part contains the following chapters:

- [Chapter 5 “Overview of Error Codes and Messages” on page 61](#) provides general information about SequeLink’s error handling strategy and describes the types of errors that can occur when using SequeLink.
- [Chapter 6 “Error Messages” on page 69](#) lists error codes that may be generated.

5 Overview of Error Codes and Messages

This chapter provides general information about SequeLink's error handling strategy and describes the types of errors that can occur when using SequeLink.

Each generated error message includes a description of the most probable cause of the error, prefixed by the name of the component that returned the error.

For information about the error formats and the types of errors that can occur when using SequeLink:

- See ["SequeLink ODBC Driver" on page 62](#)
- See ["SequeLink ADO Provider" on page 64](#)
- See ["SequeLink JDBC Driver" on page 67](#)

SequeLink ODBC Driver

The following types of errors can occur when you are using the SequeLink ODBC Client:

- SequeLink ODBC Driver errors
- SequeLink Client errors
- SequeLink Server errors
- Database errors

SequeLink ODBC Driver Errors

An error generated by the SequeLink ODBC Driver has the following format:

```
[MERANT] [ODBC SequeLink driver] message
```

For example:

```
[MERANT] [ODBC SequeLink driver] Invalid precision  
specified.
```

The native error code is always zero (0).

If you receive this type of error, check the last ODBC call your application made. Contact your ODBC application vendor, or refer to the ODBC documentation available from Microsoft. The *ODBC 2.0 Programmer's Reference and Data Access SDK* and the *ODBC 3.0 Software Development Kit and Programmer's Reference* are both available from Microsoft Press. For information on later versions of ODBC, refer to the documentation included in the ODBC SDK.

SequeLink Client Errors

An error generated by the SequeLink ODBC Client has the following format:

```
[MERANT] [ODBC SequeLink driver] [SequeLink Client] message
```

For example:

```
[MERANT] [ODBC SequeLink driver] [SequeLink Client] The specified transliteration module is not found.
```

Use the native error code to look up details about the possible cause of the error. For a list of all error codes and messages, see [Chapter 6 “Error Messages” on page 69](#).

SequeLink Server Errors

An error generated by SequeLink Server has the following format:

```
[MERANT] [ODBC SequeLink driver] [SequeLink Server] message
```

For example:

```
[MERANT] [ODBC SequeLink driver] [SequeLink Server] Only Select statements are allowed in this read-only connection.
```

Use the native error code to look up details about the possible cause of the error. For a list of all error codes and messages, see [Chapter 6 “Error Messages” on page 69](#).

Database Errors

An error generated by the database has the following format:

```
[MERANT] [ODBC SequeLink driver] [...] message
```

For example:

```
[MERANT] [ODBC SequeLink driver] [Oracle]  
ORA-00942:table or view does not exist.
```

Use the native error code to look up details about the possible cause of the error. For these details, refer to your database documentation.

SequeLink ADO Provider

The following types of errors can occur when you are using the SequeLink ADO Client:

- SequeLink ADO Provider errors
- SequeLink Client errors
- SequeLink Server errors
- Database errors

SequeLink ADO Provider Errors

An error generated by the SequeLink ADO Provider has the following format:

```
[MERANT] [SequeLink ADO provider] message
```

For example:

```
[MERANT] [SequeLink ADO provider] Invalid  
precision specified.
```

The native error code is always zero (0).

If you receive this type of error, check the last ADO call your application made. Contact your ADO or OLE DB application vendor, or refer to the ADO and OLE DB documentation available from Microsoft.

SequeLink Client Errors

An error generated by the SequeLink ADO Client has the following format:

```
[MERANT] [SequeLink ADO provider] [SequeLink Client] message
```

For example:

```
[MERANT] [SequeLink ADO provider] [SequeLink Client] Memory allocation error occurred.
```

Use the native error code to look up details about the possible cause of the error. For a list of all error codes and messages, see [Chapter 6 “Error Messages” on page 69](#).

SequeLink Server Errors

An error generated by SequeLink Server has the following format:

```
[MERANT] [SequeLink ADO provider] [SequeLink Server] message
```

For example:

```
[MERANT] [SequeLink ADO provider] [SequeLink Server] Only Select statements are allowed in this read-only connection.
```

Use the native error code to look up details about the possible cause of the error. For a list of all error codes and messages, see [Chapter 6 “Error Messages” on page 69](#).

Database Errors

An error generated by the database has the following format:

```
[MERANT] [SequeLink ADO provider] [...] message
```

For example:

```
[MERANT] [SequeLink ADO provider] [Oracle]  
ORA-00942:table or view does not exist.
```

Use the native error code to look up details about the possible cause of the error. For these details, refer to your database documentation.

SequeLink JDBC Driver

The SequeLink JDBC Driver reports errors to the calling application by returning `SQLExceptions`. Errors can be generated by the following components:

- SequeLink JDBC Driver
- SequeLink Server
- Database

SequeLink JDBC Driver Errors

An error generated by the SequeLink JDBC Driver has the following format:

```
[MERANT] [SequeLink JDBC Driver] message
```

For example:

```
[MERANT] [SequeLink JDBC Driver] Timeout expired.
```

Use the native error code to look up details about the possible cause of the error. For a list of all error codes and messages, see [Chapter 6 “Error Messages” on page 69](#). Sometimes, you may need to check the last JDBC call your application made and refer to the JDBC specification for recommended action.

SequeLink Server Errors

An error generated by SequeLink Server has the following format:

```
[MERANT] [SequeLink JDBC Driver] [SequeLink  
Server] message
```

For example:

```
[MERANT] [SequeLink JDBC Driver] [SequeLink  
Server] Only Select statements are allowed in this  
read-only connection.
```

Use the native error code to look up details about the possible cause of the error. For a list of all error codes and messages, see [Chapter 6 “Error Messages” on page 69](#).

Database Errors

An error generated by the database has the following format:

```
[MERANT] [SequeLink JDBC Driver] [...] message
```

For example:

```
[MERANT] [SequeLink JDBC Driver] [Oracle]  
ORA-00942:table or view does not exist.
```

Use the native error code to look up details about the possible cause of the error. For these details, refer to your database documentation.

6 Error Messages

This chapter lists error messages you may receive while using SequeLink in numerical order. Each error message is followed by a description of the error and recommended actions, if applicable.

351	Error detected while processing an administration request. <i>Cause</i> An administration request could not be processed by the server. <i>Action</i> Preceding or subsequent messages contain more detailed information.
352	Error detected while processing an administration request. <i>Cause</i> An administration request could not be processed by the server. <i>Action</i> Preceding or subsequent messages contain more detailed information.
353	Memory allocation failed while processing an administration request. <i>Cause</i> A request to the operating system to allocate memory for the SequeLink Server failed. <i>Action</i> Free memory resources. If the problem persists, contact MERANT technical support.
354	An invalid argument is passed to an administration function. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
360	The requested node cannot be found in the monitor tree. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

361	Duplicate object identifier in the monitor tree. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
362	Could not delete the given node because it owns items that have not been deleted. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
370	The specified entity type does not exist. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
371	The specified attribute does not exist. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
372	The specified entity instance could not be found. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
373	The specified attributes do not match. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
374	The specified attribute ID is not valid. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
375	The specified entity type is not valid. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

376	The specified entity type is read-only.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
377	The specified configuration file could not be opened.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
378	The syntax of the configuration file is incorrect.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
379	An unexpected duplicate entity was detected.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
380	The required primary key attributes were not provided.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
381	The provided attribute is a primary key attribute.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
382	The provided attribute already exists.
<i>Cause</i>	An attempt was made to add an attribute that already exists.
<i>Action</i>	This error only occurs when multiple SequeLink administrators attempt to add the same attribute to the configuration at the same time. Using the SequeLink Manager, reconnect to the SequeLink Agent service to refresh the SequeLink Manager view of the configuration file. Then, execute the administration task again.

390	Received a request to stop listening, ignoring other events on the queue. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
391	The semaphore operation could not be completed within the timeout period specified. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
392	Request to send an event failed because there is no listener active on the event queue. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
393	Request to send an event failed because the event queue is full. <i>Cause</i> The service could not send the events to the Event Processor because the event queue was full. <i>Action</i> Increase the value for both or either of the ServiceEvQShmQSize ServiceEvQShmMaxResend service attributes.
394	Request to send an event failed because the event size exceeds the maximum event size. <i>Cause</i> The service could not send the event to the Event Processor because the event queue was too small to hold all the attributes of the event. <i>Action</i> Increase the value for the ServiceEvQShmQSize attribute.
395	Request to create an IPC object failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
396	The parameters needed to create an IPC key could not be found in the configuration file. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

397	A call to ftok failed. Check if the file xxx exists and is readable. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
398	Request to create or attach to shared memory (key=xxxx) failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
399	Request to create a semaphore (key=xxxx) failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
400	Request to create a message queue (key=xxxx) failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
401	Failed to terminate the event queue cache because it is not empty. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
410	The specified parameter (xxxx) is invalid. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
411	The attribute xxx is not found in the attribute list of the event that is being processed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
412	The specified attribute (ID=xxxx) has an incorrect type. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

413	Failed to evaluate the profile filter expression for event with ID=xxxx. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.
414	Profile filter evaluation failed because the expressions have incompatible types. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.
415	Failed to parse the expression because of a syntax error at position xxxx. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.
416	Failed to parse the profile filter expression. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.
417	The provided monitor path (xxxx) is invalid. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.
418	The specified action (xxxx) is not a valid event profile action. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.
419	An invalid parameter value (xxxx) was specified. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.
420	The specified event profile action (xxxx) failed to parse. <i>Cause</i> The specified profile filter is not valid. <i>Action</i> Correct the syntax of the profile filter.

421	Failed to load profile with ID=xxxx.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
430	Failed to open event trace file because the file version was not recognized.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
431	Failed to resize the event trace file.
<i>Cause</i>	The attempt to resize the event trace file failed, probably because SequeLink Server was restarted with a new value for the ServiceEventTraceSize service attribute that may be too large.
<i>Action</i>	Make sure that there is enough disk space available for the event trace file, which can be found at the location specified by the ServiceEventTraceLocation service attribute.
432	The request could not be completed because the event trace is in an error state.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
433	Failed to open the event trace file.
<i>Cause</i>	The event trace file could not be opened during service startup because the SequeLink service was not stopped properly., for example, because the server machine failed or the SequeLink service was terminated with an operating system command while it was processing events.
<i>Action</i>	Delete the event trace file. Then, re-start the service.
2200	Network problem, local timeout during session setup, connection closed.
<i>Cause</i>	The session connection handshake could not be completed within the time limit set.
<i>Action</i>	Make sure that you are connecting to a SequeLink 5.0 Server. If the problem persists, increase the connection timeout value.

2202	Network resource problem, session aborted due to local buffer allocation failure, connection closed. <i>Cause</i> The SequeLink Client could not allocate internal buffers to read the reply sent from the SequeLink Server. The session was aborted and the connection was closed. <i>Action</i> Free memory resources. If the problem persists, contact MERANT technical support.
2203	Network resource problem, session aborted due to remote buffer allocation failure, connection closed. <i>Cause</i> The SequeLink Server could not allocate internal buffers to read the request coming from the SequeLink Client. The session was aborted and the connection was closed. <i>Action</i> Free memory resources. If the problem persists, contact MERANT technical support.
2204	Internal network error, session aborted due to local session protocol error, connection closed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2205	Internal network error, session aborted due to remote session protocol error, connection closed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2206	Network problem, cancel not allowed. <i>Cause</i> The cancel feature was disabled by the SequeLink service. <i>Action</i> If needed, the cancel feature can be enabled by setting the service attribute ServiceCancelEnabled=TRUE.
2207	Internal network error, session aborted due to session protocol data unit format error, connection closed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

2208	Internal network error, session aborted, connection closed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2209	Network problem, no pending request to cancel. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2211	Network problem, cancel not possible because session is killed. <i>Cause</i> The cancel operation failed because the session was killed on the SequeLink Server. The connection was closed. <i>Action</i> Contact MERANT technical support.
2213	Internal network error, connection closed because session key not found in remote session list. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2215	Network problem, cancel failed because all transport channels in use on remote session. <i>Cause</i> The cancel operation failed because the previous cancel request did not release all its resources on the SequeLink Server. <i>Action</i> Contact MERANT technical support.
2217	Network problem, session aborted due to internal error in remote procedure call, connection closed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2219	Network problem, invalid IIOP object key, connection closed. <i>Cause</i> The SequeLink service the SequeLink Client is connected to did not accept the IIOP object key sent. <i>Action</i> Contact MERANT technical support.

2221	Network problem, invalid IOP operation target, connection closed.
<i>Cause</i>	The SequeLink service the SequeLink Client is connected to did not accept the IOP operation target sent.
<i>Action</i>	Contact MERANT technical support.
2223	Internal network error, session aborted due to remote procedure call failure, connection closed.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
2249	Internal network error.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
2251	Connection closed due to session kill.
<i>Cause</i>	The session was killed on the SequeLink Server. The connection was closed.
<i>Action</i>	None.
2252	Connection closed due to service shutdown.
<i>Cause</i>	The session was killed on the SequeLink Server because the SequeLink service was shutting down.
<i>Action</i>	None.
2253	Connection closed, non SequeLink IOP user exception received.
<i>Cause</i>	An IOP user exception reply was received from a server that was not a SequeLink Server. The session was aborted, and the connection was closed.
<i>Action</i>	Contact MERANT technical support.
2254	Connection closed, non SequeLink IOP system exception received.
<i>Cause</i>	An IOP system exception reply was received from a server that was not a SequeLink Server. The session was aborted, and the connection was closed.
<i>Action</i>	Contact MERANT technical support.

2255	Connection closed, non SequeLink IIOp message format error received.
<i>Cause</i>	An IIOp message format error was received from a server that was not a SequeLink Server. The session was aborted, and the connection was closed.
<i>Action</i>	Make sure the client application is connecting to a SequeLink Server. If the problem persists, contact MERANT technical support.

2300	Network problem, connection unexpectedly closed by peer.
<i>Cause</i>	The server closed the transport connection. If logging was enabled, the message "give up waiting for incomplete record" was recorded in the service debug log file. This error can occur when the server does not recognize the handshake request.
<i>Action</i>	Make sure the client application is connecting to a SequeLink Server. If the problem persists, contact MERANT technical support.

2302	TCP/IP error, the remote host cannot be reached from this host at this time.
<i>Cause</i>	TCP/IP cannot establish a connection with the SequeLink Server host because no route to the SequeLink Server was found.
<i>Action</i>	<p>Make sure that:</p> <ul style="list-style-type: none"> ■ The network configuration is correct ■ A network route to the SequeLink Server is available, ■ The SequeLink Server is active. <p>Try another TCP/IP network application to verify whether the server is reachable.</p>

2303	TCP/IP error, the network is not reachable from this host.
<i>Cause</i>	TCP/IP cannot establish a connection with the SequeLink Server host because no route can be found to the network on which the host resides.
<i>Action</i>	<p>Make sure that:</p> <ul style="list-style-type: none"> ■ The network configuration is correct ■ A network route to the SequeLink Server is available, ■ The SequeLink Server is active. <p>Try another TCP/IP network application to verify whether the server is reachable.</p>

2304	TCP/IP error, network subsystem down. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2305	TCP/IP resource problem. <i>Cause</i> A network operation failed because TCP/IP had insufficient resources. <i>Action</i> Check for heavy traffic conditions on the server.
2306	TCP/IP error, connection refused. <i>Cause</i> There was no process waiting for connections on the SequeLink Server host at the specified port or the SequeLink Server was experiencing too many simultaneous connection attempts. <i>Action</i> Contact MERANT technical support.
2307	TCP/IP error, the specified address is already in use. <i>Cause</i> TCP/IP resource problem. A connection failed because all ports were being used. <i>Action</i> Re-attempt the connection when more network resources are available.
2308	TCP/IP error, connection timed out. <i>Cause</i> The connection has been closed because no response was received. The network may have gone down without notice, the client/server host was unreachable, or the SequeLink Server was experiencing too many simultaneous connection attempts. <i>Action</i> Check for heavy traffic conditions on the server.
2309	Network problem, could not load transport manager. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

2310	TCP/IP error, connection reset by peer.
<i>Cause</i>	The connection was closed by the peer. When the specified port is serviced by a non-SequeLink Server, this error can occur if the server goes down while trying to process a handshake request.
<i>Action</i>	Check the server logs. If the failure was caused by the SequeLink Server stopping unexpectedly, contact MERANT technical support.
2311	Internal network problem, connection closed.
<i>Cause</i>	An unexpected TCP/IP error occurred. The connection was closed.
<i>Action</i>	Contact MERANT technical support.
2312	Network problem, connection closed due to idle event on transport endpoint not linked to session.
<i>Cause</i>	A connection was established with the SequeLink Server, but no data was received by the SequeLink Server within the keep alive time frame. The connection was closed.
<i>Action</i>	Increase the keep alive setting on the server.
2313	Network resource problem, connection closed due to buffer allocation problem.
<i>Cause</i>	A request to the operating system to allocate memory failed.
<i>Action</i>	Free memory resources. If the problem persists, contact MERANT technical support.
2314	Internal network problem, connection closed.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
2315	Network problem, unknown session conversation protocol.
<i>Cause</i>	An attempt was made to connect to a SequeLink Server with an incompatible version of SequeLink.
<i>Action</i>	Check the version of the SequeLink Server to make sure it is compatible with the current version of the installed SequeLink software. If the problem persists, contact MERANT support.

2318	Network problem, connection time out.
<i>Cause</i>	The TCP/IP connection could not be established within the set time limit.
<i>Action</i>	Increase the time interval and try again to connect.
2320	Network problem, connection time out.
<i>Cause</i>	The TCP/IP connection to the server host could not be established within the set time limit.
<i>Action</i>	Increase the time interval. Then, re-attempt the connection.
2321	Network problem, listener could not be started because port is already in use.
<i>Cause</i>	The port specified for the SequeLink service was being used by another application.
<i>Action</i>	Stop the application that is using the port or reconfigure the SequeLink service to use another port.
2402	Session refused, service is shutting down, connection closed.
<i>Cause</i>	The requested session was not accepted because the service was shutting down.
<i>Action</i>	None.
2403	Network resource problem, session refused, connection closed.
<i>Cause</i>	The SequeLink Server failed to allocate a network resource.
<i>Action</i>	Check for heavy traffic conditions on the server.
2404	Session refused by service, connection closed.
<i>Cause</i>	The server process was unable to accept the connection request.
<i>Action</i>	Check the service debug log file or event trace file for details.
2405	Network resource problem, session refused, connection closed.
<i>Cause</i>	The SequeLink Server failed to allocate a network resource.
<i>Action</i>	Check for heavy traffic conditions on the server.
2406	Session refused, service process could not be spawned, connection closed.
<i>Cause</i>	The service process launch failed.

	<i>Action</i>	Check the service debug log file or the system log facility for the specific problem.
2450	Invalid host, no leading blanks allowed.	
	<i>Cause</i>	The specified host name starts with a blank character. Blank characters, including leading or trailing blanks, are not allowed in the host name.
	<i>Action</i>	Specify the correct host name, making sure not to include a blank character at the beginning of the name.
2451	Invalid port, no trailing blanks allowed.	
	<i>Cause</i>	The specified port ends with a blank character. Blank characters, including leading or trailing blanks, are not allowed in the port.
	<i>Action</i>	Specify the correct port, making sure not to include any trailing blank characters.
2452	Invalid host or port, no blanks allowed.	
	<i>Cause</i>	The specified host or port contained a blank character. Blank characters, including leading or trailing blanks, are not allowed in the host name or port.
	<i>Action</i>	Specify the correct host name or port, making sure it does not contain any blank characters.
2453	Invalid port, number out of range.	
	<i>Cause</i>	The specified port number exceeds the maximum value of 32768.
	<i>Action</i>	Specify the correct port using a valid port value.
2454	Internal network error during parsing host and port.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
2455	Internal network error, missing separator.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
2456	Invalid host or number, ':' character not allowed.	
	<i>Cause</i>	The host name or number included a colon (:).

	<i>Action</i> Specify the correct host name or number without a colon.
2457	Invalid host, ':' character not allowed. <i>Cause</i> The host name included a colon (:). <i>Action</i> Specify the correct host name without a colon.
2458	Invalid port, ':' character not allowed. <i>Cause</i> The port included a colon (:). <i>Action</i> Specify the correct port without a colon.
2459	Internal network error during parsing host and port. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2460	Internal network error during parsing host and port. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2461	Invalid port, numerical value < 0 is not allowed. <i>Cause</i> An invalid port number was specified. <i>Action</i> Specify the correct port using a valid value.
2462	Invalid port, numerical equal to 0 is not allowed. <i>Cause</i> An invalid port number was specified. <i>Action</i> Specify the correct port using a valid value.
2463	Internal network error during parsing host and port. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
2464	Internal network error during parsing host and port. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

2465	Internal network error during parsing host and port.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
2466	Network resource problem, memory allocation failure during parsing host and port.
<i>Cause</i>	A system resource was not allocated while parsing the value provided for the host or port.
<i>Action</i>	Free memory resources. If the problem persists, contact MERANT technical support.
2467	Internal network error during parsing host and port.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
2468	Internal network error, no host and port specified.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
2469	Network problem, host resolution failure.
<i>Cause</i>	The specified server host name could not be resolved to a valid IP address.
<i>Action</i>	Map the server host name to a valid IP address.
2470	Network problem, port resolution failure.
<i>Cause</i>	The service name could not be resolved to a port number.
<i>Action</i>	Check the TCP/IP services configuration file.
3001	Internal error, memory allocation failed.
<i>Cause</i>	Memory allocation error.
<i>Action</i>	Free memory resources. If the problem persists, contact MERANT technical support.

3002	Internal error, corrupt context. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3003	Internal error, invalid request received from the client application. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3004	Internal error, an unexpected exception was detected. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3005	Internal error, a fatal server error was detected. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3006	Internal error, a fatal error was detected during event processing. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3007	Internal error, an invalid argument was specified. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3008	OSLogon authentication mechanism requires root privilege. <i>Cause</i> An attempt was made to authenticate a connection to a UNIX SequeLink Server using the OSLogon mechanism, but the UNIX SequeLink Server is not running as root. <i>Action</i> Make sure that the UNIX SequeLink Server is running as root.

3009	Authentication failed.
<i>Cause</i>	The service attribute is set to ServiceDetailedOSLogonErrors=FALSE and the OSLogon authentication process detected an error.
<i>Action</i>	Correct the authentication information, typically the user or password. If the problem persists, contact your system administrator to find out why the specified user is not allowed access to the server.
3010	Could not create a trace file.
<i>Cause</i>	A sequential data set for tracing was not allocated.
<i>Action</i>	Verify that the location of the service debug log file set by the ServiceDebugLogPath service attribute is correct. More messages may be found in the SYSTERM output.
3021	Internal error, unable to load the server configuration file.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
3025	Internal error, unable to locate settings for service xxxx in the server configuration file (xxxx).
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
3043	Internal error, event trace information is not available from a service with a process based connection model.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
3044	The configured debug log path for the service is not valid.
<i>Cause</i>	The directory specified by the ServiceDebugLogPath service attribute is not accessible.
<i>Action</i>	Make sure the specified directory exists and is accessible.

3045	The server listener component ran out of network resources.
<i>Cause</i>	The SequeLink Server was unable to accept a new connection request because of insufficient network resources. The SequeLink Server will wait 1 second before accepting new SequeLink Client connections.
<i>Action</i>	Re-attempt the connection.
3046	Internal error, unable to access the monitor tree.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
3047	Invalid table type filter is configured.
<i>Cause</i>	The value set for the DataSourceTableTypeFilterList service attribute is incorrect.
<i>Action</i>	Specify a valid value for the DataSourceTableTypeFilterList service attribute. For information about valid values for SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
3048	Internal error, failed to initialize the event trace component.
<i>Cause</i>	The service failed to start because the event trace component did not initialize correctly.
<i>Action</i>	<p>Make sure that:</p> <ul style="list-style-type: none"> ■ The event trace file is not being used by another application ■ The directory specified by the ServiceEventTraceLocation service attribute exists and is accessible ■ There is enough disk space <p>If the problem persists, contact MERANT technical support.</p>
3049	Only select statements are allowed in this read-only connection.
<i>Cause</i>	The value for the DataSourceReadOnly service attribute was set to "select", and the application tried to execute a statement that was not a Select statement.
<i>Action</i>	Change your application, or change the DataSourceReadOnly service attribute to accept statements other than Select statements.
3050	Internal error, an invalid action parameter was detected while processing a monitor request.

	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3053	Only select and batch statements are allowed in this read-only connection.	
	<i>Cause</i>	The DataSourceReadOnly attribute was set to "select and batches", and the application tried to execute a statement that was not a Select statement or a Batch statement.
	<i>Action</i>	Change your application, or change the DataSourceReadOnly service attribute. For information about valid values for SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
3057	Internal error, the monitor request could not be processed because a required action parameter was not provided.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3058	Internal error, error detected in the event processor.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3059	The specified data source is not defined.	
	<i>Cause</i>	The specified server data source is not a valid data source for the specified SequeLink service.
	<i>Action</i>	Specify a valid server data source for the SequeLink service.
3060	Internal error, the specified authentication mechanism is not accepted.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3061	Authorization failure.	
	<i>Cause</i>	The ServiceAuthMethods or ServiceAdminAuthMethods service attributes (in combination with the ServiceUser or ServiceAdministrator attributes, respectively) do not allow the user to perform the requested action.
	<i>Action</i>	Contact your SequeLink administrator for details.

3062	Internal error, unknown provide ID. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3063	Maximum number of shared counter instances reached. <i>Cause</i> SequeLink was unable to export monitoring data for a new session to the Windows NT performance monitor because the shared counter memory was full. The size of the shared counter memory is configured by the ServiceExQShmMonitorSize service attribute. <i>Action</i> Increase the shared counter memory by changing the ServiceExQShmMonitorSize service attribute. For information about valid values for SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
3064	Internal error, an invalid monitor object was specified while processing an event. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3065	Save operation not allowed, file allocation status or file organization incorrect. <i>Cause</i> A remote SequeLink Agent tried to save changes, and the SequeLink Server was started with a SWANDD Data Definition that specified an incorrect file allocation status or file organization. <i>Action</i> Correct the SWANDM Data Definition in the server JCL (use DISP=OLD). Verify that the SequeLink configuration file has a sequential file organization. Then, restart the SequeLink Server.
3066	Configuration file is in use by another connection, please retry. <i>Cause</i> An attempt to update the SequeLink configuration file was refused because another SequeLink Manager application has locked the SequeLink configuration file. <i>Action</i> Wait for the other SequeLink Manager application to release the lock on the SequeLink configuration file. Then, re-attempt the SequeLink Manager operation.
3067	The user password was changed successfully. <i>Cause</i> An informational message was generated when the server password of the user was successfully changed.

	<i>Action</i>	None.
3068		The application specified an invalid application identifier.
	<i>Cause</i>	The application ID specified by the application is not recognized by the SequeLink service.
	<i>Action</i>	Make sure that the application is specifying the correct application ID, or change the DataSourceAutoApplId service attribute of the SequeLink service to accept the application ID. For information about application IDs or changing SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
3069		The application failed to specify a valid application identifier.
	<i>Cause</i>	Because the application did not provide a valid application ID, client requests will be refused.
	<i>Action</i>	Make sure that the application is specifying the correct application ID, or change the DataSourceAutoApplId service attribute of the SequeLink service to accept the application ID. For information about application IDs or changing SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
3070		License verification failed.
	<i>Cause</i>	The SequeLink Server could not locate the required license to execute the client request. The request is refused.
	<i>Action</i>	Make sure a valid SequeLink license is registered. If the problem persists, contact MERANT technical support.
3101		Error detected while processing an administration request.
	<i>Cause</i>	The administration request could not be processed by the SequeLink Server.
	<i>Action</i>	Preceding or subsequent messages contain more detailed information.
3102		An invalid argument was detected while processing an administration request.
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3103		Unexpected error detected while processing an administration request.
	<i>Cause</i>	An internal error occurred.

	<i>Action</i> Contact MERANT technical support.
3104	The requested administration function is not implemented on this platform. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3105	Memory allocation failed while processing an administration request. <i>Cause</i> A request to the operating system to allocate memory for the SequeLink Server failed. <i>Action</i> Free memory resources. If the problem persists, contact MERANT technical support.
3106	A collection library function failed while processing an administration request. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3107	An operation on the server configuration file failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3108	An operation on the NT registry failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3110	Failed to open the server configuration file for reading. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3111	Failed to open the server configuration file for writing. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3112	Failed to open the server configuration file because its syntax is incorrect. <i>Cause</i> An internal error occurred.

	<i>Action</i> Contact MERANT technical support.
3113	Failed to open the server configuration file because the file does not exist. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3114	Failed to save the server configuration file. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3115	Failed to save the server configuration file because the file backup failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3116	Failed to attach to the event queue. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3117	Failed to send event to event queue. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3118	Failed to access the event queue. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3119	Failed to send an event because a wait operation timed out. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3120	Failed to process the administration request because the specified handle has not been opened. <i>Cause</i> An internal error occurred.

	<i>Action</i> Contact MERANT technical support.
3122	Failed to process the administration request because the version of the configuration file is not supported by this version of SequeLink. <i>Cause</i> An attempt was detected to open a SequeLink configuration file with a SequeLink version that is incompatible with the current version of the installed SequeLink software. <i>Action</i> Use a compatible version of the installed SequeLink software to open the SequeLink configuration file.
3130	Failed to process to remote administration request. <i>Cause</i> The administration request could not be processed by the server. <i>Action</i> Preceding or subsequent messages contain more detailed information.
3131	The requested entity was not found in the server configuration file. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3132	The requested attribute was not found in the server configuration file. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3133	The specified attribute ID is not valid. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3134	An unexpected duplicate entity was detected. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3137	Failed to open the OS Service Control Manager. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3138	Failed to open the specified OS service.

	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3139	Failed to create the specified OS service.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3140	Failed to delete the specified OS service.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3141	Failed to unregister the OS service because it is not stopped.	
	<i>Cause</i>	An attempt to delete or unregister a service that is still active was detected.
	<i>Action</i>	If the SequeLink Manager lists the SequeLink service as “inactive”, the SequeLink service may be in the process of stopping. Wait for the SequeLink service to stop completely and retry.
3142	Failed to register the specified OS service because the service already exists.	
	<i>Cause</i>	An attempt was made to register a SequeLink service with a name that was already used by another operating system service.
	<i>Action</i>	Make sure the name you choose for your SequeLink service is not being used by another operating system service.
3143	The required primary key attributes were not provided.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3144	Requested operation on the specified OS service failed because a wait operation timed out.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3145	The TCP port for the service could not be registered because it is registered for another network service.	

	<p><i>Cause</i> The SequeLink service is configured to use a TCP/IP port that is registered for another network service on the machine. If the other service is active, it will not be possible to start the SequeLink service.</p> <p><i>Action</i> If you are confident the network service the port was registered for will never be active at the same time as the SequeLink service you created, you can continue. If unsure, change the TCP/IP port for the SequeLink service.</p>
3146	<p>The TCP port for the service could not be registered/unregistered because the services file could not be opened.</p> <p><i>Cause</i> The %SystemRoot%\system32\drivers\etc\services file (Windows NT) or the /etc/services file (UNIX) could not be opened.</p> <p><i>Action</i> Contact your system administrator. If the problem persists, contact MERANT technical support.</p>
3147	<p>The TCP port for the service could not be registered/unregistered because the services file could not be accessed.</p> <p><i>Cause</i> A file input/output error was detected while accessing the services file (%SystemRoot%\system32\drivers\etc\services on Windows NT or /etc/services on UNIX).</p> <p><i>Action</i> Contact your system administrator. If the problem persists, contact MERANT technical support.</p>
3148	<p>Failed to unregister the OS service because it is not a SequeLink Service.</p> <p><i>Cause</i> An attempt to unregister a SequeLink service failed, because the SequeLink service name was being used by another operating system service.</p> <p><i>Action</i> Make sure that the name you choose for your SequeLink service is not being used by another operating system service.</p>
3150	<p>Failed to process the remote management request.</p> <p><i>Cause</i> The management request could not be processed by the server.</p> <p><i>Action</i> Preceding or subsequent messages contain more detailed information.</p>
3151	<p>Failed to start the specified SequeLink service.</p> <p><i>Cause</i> The SequeLink service did not start.</p>

	<i>Action</i>	Look in the service debug log file or service event trace file for more information.
3152		Failed to stop the specified SequeLink service.
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3153		Failed to obtain the status of the specified OS Service.
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3154		Failed to start the specified service because it is already running.
	<i>Cause</i>	An attempt to start a SequeLink service that is already running was detected.
	<i>Action</i>	If the SequeLink Manager displays the SequeLink service as "inactive", the SequeLink service may be in the process of stopping. Wait for the SequeLink service to stop completely and then retry.
3155		Failed to process the administration request because the required service executable is not found.
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3160		Failed to process to remote monitoring request.
	<i>Cause</i>	The monitor request could not be processed by the server.
	<i>Action</i>	Preceding or subsequent messages contain more detailed information.
3161		Failed to process the monitor request because a required counter could not be found in the monitor.
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3170		Failed to process the remote query event trace request.
	<i>Cause</i>	The event trace request could not be processed by the server.
	<i>Action</i>	Preceding or subsequent messages contain more detailed information.

3171	Failed to process the query event trace request because the specified handle has not been opened. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3172	Failed to open the event trace. <i>Cause</i> The SequeLink Server was unable to open the event trace file. <i>Action</i> Make sure that the ServiceEventTraceLocation service attribute contains a valid event trace file location and that it is accessible. If the problem persists, contact MERANT technical support.
3180	Failed to process the profile generator request because the required object could not be found in the profile. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3181	Failed to process the profile generator request because a duplicate object was found in the profile. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3201	Unable to retrieve error message from the database. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3202	Unable to retrieve warning message from the database. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3203	Required user name is missing. <i>Cause</i> The SequeLink service has been configured to require a database user name, but the SequeLink Client did not provide a database user name. <i>Action</i> Make sure that all required connection attributes are specified.
3204	Select statement not allowed in batch processing.

	<i>Cause</i>	A Select statement was detected in a batch of statements.
	<i>Action</i>	Change your application so that Select statements are not included in the batch.
3301	Optional feature not implemented.	
	<i>Cause</i>	A request to change to another catalog was refused. You cannot change to another catalog.
	<i>Action</i>	Do not try to change to another catalog.
3302	Unsupported transaction level.	
	<i>Cause</i>	A request to change to an unsupported transaction level was refused.
	<i>Action</i>	Use a supported transaction level.
3303	An invalid Oracle parameter kind is encountered.	
	<i>Cause</i>	Oracle returned a stored procedure parameter type that is not documented.
	<i>Action</i>	Contact MERANT technical support.
3304	A incorrect number of parameter markers is encountered in the statement.	
	<i>Cause</i>	A stored procedure was executed, but the number of parameters did not correspond with the stored procedure definition.
	<i>Action</i>	Change the stored procedure statement that executes the stored procedure in your application.
3305	SequeLink does not support CLOB/BLOB parameters as stored procedure parameters.	
	<i>Cause</i>	A stored procedure was executed, but a CLOB/BLOB parameter was detected.
	<i>Action</i>	Change the stored procedure in your application.
3306	Internal error. An invalid OCI handle was passed to the database.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.

3307	Unexpected XA error. <i>Cause</i> An Oracle-specific XA (distributed transaction) call failed. <i>Action</i> Contact MERANT technical support.
3308	The specified object does not exist. <i>Cause</i> A stored procedure was executed for which no definition was found. <i>Action</i> Make sure that the stored procedure you execute exists in the database and that you have the privileges to execute the stored procedure.
3309	A filter value is too long. <i>Cause</i> The SequeLink database filter attribute DataSourceSchemaFilterList or DataSourceTableTypeFilterList contains a value that is too long. <i>Action</i> Correct the filter value.
3310	An Oracle procedure was created with compilation errors. <i>Cause</i> An error was detected in the syntax of the statement that created the stored procedure. <i>Action</i> Correct the syntax of the statement that created the stored procedure.
3311	A data dictionary statement was called with an invalid parameter value. <i>Cause</i> A data dictionary statement (for example, SQLSpecialColumns) was called, but at least one of the parameters had a value that was not valid. <i>Action</i> Contact MERANT technical support.
3312	SequeLink does not support this data type for stored procedure parameters. <i>Cause</i> A stored procedure was executed, and a data type that SequeLink does not support for stored procedures was detected. <i>Action</i> Change the statement that executes the stored procedure in your application.

3313	Internal error. The specified data source is not found in the SequeLink configuration file.
<i>Cause</i>	The specified server data source could not be found in the SequeLink configuration file.
<i>Action</i>	Contact MERANT technical support.

3314	Select statement not allowed in batch processing.
<i>Cause</i>	You cannot execute a Select statement in a batch of statements.
<i>Action</i>	Change your application so that Select statements are not included in the batch.

3315	A required Oracle user name is missing.
<i>Cause</i>	The SequeLink service is configured to require a database user name, but a database user name was not provided by the SequeLink Client.
<i>Action</i>	Specify the database user name when you attempt to connect.

3316	An invalid Oracle SID is specified in the SequeLink configuration file.
<i>Cause</i>	The SequeLink configuration file specified an invalid Oracle SID.
<i>Action</i>	Specify an existing valid Oracle SID.

3317	Internal error. An unsupported action is encountered in a fetch callback routine.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.

3318	An Oracle DATE value can only be converted to a SequeLink timestamp value.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.

3319	A SequeLink timestamp value can only be converted to an Oracle DATE value.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.

3320	An Oracle NUMBER value can only be converted to a SequeLink decimal value. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3321	A SequeLink decimal value can only be converted to an Oracle NUMBER value. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3322	A backslash is not a valid value for a searchable input parameter of a data dictionary statement. <i>Cause</i> A searchable input parameter of a data dictionary statement (for example, SQLTables) has a backslash character (\) value that is not followed by another character. <i>Action</i> Change the data dictionary statement in your application to use a valid value for a searchable input parameter.
3323	The precision of a decimal input parameter is out of range. <i>Cause</i> The SequeLink Client sent a decimal input value with a precision that is larger than the maximum allowed Oracle precision. <i>Action</i> Change your application.
3324	The impersonation of the SequeLink Server for Oracle failed. <i>Cause</i> The SequeLink Server is configured in OS integrated mode (DataSourceLogonMethod=OSIntegrated), but the impersonation of the SequeLink Server failed. <i>Action</i> Contact MERANT technical support.
3325	Native readonly is not supported against an Oracle7 database. <i>Cause</i> The service attribute DataSourceReadOnly is set to "DBMS", but this value is not supported by Oracle7. <i>Action</i> Choose another value for the DataSourceReadOnly attribute.

3326	Internal error. An invalid SequeLink decimal parameter value encountered.
<i>Cause</i>	The SequeLink Client sent a decimal value that is not recognized by the SequeLink Server.
<i>Action</i>	Contact MERANT technical support.
3401	The database does not support catalogs.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Do not try to use a catalog.
3402	The database does not support the change of isolation level.
<i>Cause</i>	You tried to change to another transaction isolation level.
<i>Action</i>	Do not try to change to another transaction isolation level.
3403	Schema/Owner is not supported in stored procedure calls, SQLProcedures or SQLProcedureColumns.
<i>Cause</i>	Because DB2 stored procedures do not have schemas, you cannot specify a schema name in procedure-related data dictionary statements.
<i>Action</i>	Change the stored procedures in your application.
3404	Invalid stored procedure name or not authorized to invoke this procedure.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Make sure that you execute a stored procedure that exists in the database and that you have the privileges to execute it.
3405	No default parameters are allowed in a stored procedure call.
<i>Cause</i>	Default parameters are being used when invoking a stored procedure.
<i>Action</i>	Do not use the default parameters.
3406	Number of parameters mismatch for stored procedure.
<i>Cause</i>	A stored procedure was executed, and the number of parameters did not correspond with the stored procedure definition.
<i>Action</i>	Change the number of parameters specified in your application.

3407	Literals are not supported as stored procedure parameters. <i>Cause</i> Literals are used for stored procedure parameters. <i>Action</i> Change the stored procedure in your application so that it does not use literals.
3408	Stored procedures can no longer be executed because a SET CURRENT SQLID occurred. <i>Cause</i> After issuing a SET CURRENT SQLID, it is no longer possible to execute stored procedures. <i>Action</i> Change your application.
3409	The kind of a stored procedure parameter as specified by the SequeLink Client does not match with the stored procedure definition. <i>Cause</i> An invalid kind of a stored procedure parameter was specified. <i>Action</i> Change the kind of a stored procedure parameter specified in your application.
3410	The stored procedure cannot handle NULL values. <i>Cause</i> A NULL value was specified for a stored procedure parameter. <i>Action</i> Change the value for the stored procedure parameter specified in your application.
3411	Thread to DB2 could not be opened. Either a resource is unavailable or the requested resource (plan) is not known to DB2. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3412	Info about DB2 connection could not be retrieved. <i>Cause</i> The SequeLink Server attempted to retrieve DB2-specific information. <i>Action</i> Check your SequeLink log file for details about this error.
3413	More result sets have to be returned than defined. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.

3414	Parameter list contains invalid data type.
<i>Cause</i>	The parameter list of a stored procedure contains an invalid or unsupported data type.
<i>Action</i>	Change the stored procedure in your application.
3415	Conversion of a floating point number to a SequeLink decimal has failed.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
3416	Some bind variables have not been defined.
<i>Cause</i>	Some required parameter markers have not been defined by the application.
<i>Action</i>	Correct your application.
3417	Invalid data type conversion requested.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
3418	UIDMap associated with the service not found.
<i>Cause</i>	The specified UID Map could not be located.
<i>Action</i>	Make sure that the name of the UID Map you specify in the MVSServiceUIDMap service attribute is correct. For more information about valid values for SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
3419	Access denied, user cannot be found in UIDMap.
<i>Cause</i>	The specified user was not found in the UID Map.
<i>Action</i>	Make sure that you have correctly defined the specified user in the UID Map, and make sure that you have specified the correct UID Map in the MVSServiceUIDMap service attribute. For more information about valid values for SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .

3420	Select statement not allowed in batch processing.
<i>Cause</i>	You cannot execute a Select statement in a batch of statements.
<i>Action</i>	Change your application so that Select statements are not included in the batch.
3421	The maximum number of concurrent SQL statements is reached.
<i>Cause</i>	Too many statements are open at the same time.
<i>Action</i>	Close some statements before attempting to open a new statement.
3422	Invalid value specified for scope.
<i>Cause</i>	The value for the scope input parameter of SQLSpecialColumns or GetBestRowIdentifier is not valid.
<i>Action</i>	Contact MERANT technical support.
3423	Schema name specified too long.
<i>Cause</i>	The schema name parameter of a data dictionary statement was too long.
<i>Action</i>	Change the schema name in your application.
3424	Table name specified too long.
<i>Cause</i>	The table name parameter of a data dictionary statement was too long.
<i>Action</i>	Change the table name parameter in your application.
3425	Filter value specified too long.
<i>Cause</i>	The filter value parameter of a data dictionary statement was too long.
<i>Action</i>	Change the filter value in your application.
3426	Column value specified too long.
<i>Cause</i>	The value of a column you specified was too long.
<i>Action</i>	Change the column value in your application.
3427	No row for parameter in SYSIBM.SYSPARMS.

	<i>Cause</i>	SYSIBM.SYSPARMS contains a row for each parameter of a stored procedure. SequeLink could not find a row for at least one of the parameters.
	<i>Action</i>	Check your procedure definition. Re-issue the call procedure. If the problem persists, call MERANT technical support.
3428		Procedurename specified too long.
	<i>Cause</i>	The length of the unqualified name of a stored procedure cannot exceed 18 characters.
	<i>Action</i>	Correct the name of the stored procedure and re-issue the catalog statement.
3429		Procedure parameter name specified too long.
	<i>Cause</i>	The length of the name of a stored procedure parameter cannot exceed 18 characters.
	<i>Action</i>	Correct the name of the stored procedure parameter and re-issue the catalog statement.
3430		A valid database context could not be found.
	<i>Cause</i>	A valid database context could not be found.
	<i>Action</i>	A VAIL021E message is generated and written to the SequeLink Server log. Contact your system administrator.
3431		A database context could not be created.
	<i>Cause</i>	A database context could not be created.
	<i>Action</i>	A VAIL021E message is generated and written to the SequeLink Server log. Contact your system administrator.
3432		The database context could not be added to the context pool.
	<i>Cause</i>	The database context could not be added to the context pool.
	<i>Action</i>	A VAIL021E message is generated and written to the SequeLink Server log. Contact your system administrator.
3433		The database context could not be switched.
	<i>Cause</i>	The database context could not be switched.

	<i>Action</i>	A VAIL021E message is generated and written to the SequeLink Server log. Contact your system administrator.
3434	Invalid literal.	
	<i>Cause</i>	A literal in the stored procedure is invalid.
	<i>Action</i>	Make sure that the character literals are enclosed in quotes and that numeric literals have a valid value.
3435	Literal cannot be an output parameter.	
	<i>Cause</i>	A literal cannot be used as an output parameter.
	<i>Action</i>	Use a bind variable for the output parameter and re-issue the call procedure.
3436	Datatype not supported for literals.	
	<i>Cause</i>	An unsupported data type was used for a literal. The stored procedure could not be executed.
	<i>Action</i>	Use a bind variable for the literal and re-issue the call procedure.
3437	Literals and bind variables cannot be mixed.	
	<i>Cause</i>	A combination of literals and bind variables cannot be used when calling a stored procedure.
	<i>Action</i>	Make sure that you use either only literals or only bind variables when calling a stored procedure.
3438	The maximum size of a large object output parameter is exceeded.	
	<i>Cause</i>	A stored procedure was called that returns a LOB output parameter that exceeds the value set by the DataSourceDB2MaxLogSize service attribute for this data source. The data is not returned.
	<i>Action</i>	Increase the value of the DataSourceDB2MaxLogSize attribute or return a smaller LOB output parameter in the stored procedure.
3439	The requested DB2 subsystem is not active.	
	<i>Cause</i>	The requested DB2 subsystem is not active.
	<i>Action</i>	Contact your system administrator to start the DB2 subsystem.
3440	A required service/data source attribute is not found; contact your system administrator.	

	<i>Cause</i>	A required service or data source attribute could not be found in the configuration file.
	<i>Action</i>	A message that identifies the missing attribute is generated and sent to the SequeLink Server log. Contact your system administrator.
3441	No Uidmap associated with service, anonymous logon denied.	
	<i>Cause</i>	The service is not configured correctly. A UIDMap is required to allow anonymous logon, but no UIDMap is associated with the service.
	<i>Action</i>	Create an UIDMap and add an MVSServiceUIDMap attribute to the service.
3442	Uidmap does not contain wildchar entry, anonymous logon denied.	
	<i>Cause</i>	The UIDMap associated with the service does not contain a wild character entry (*).
	<i>Action</i>	Add a wild character entry (*) to the UIDMap associated with the service.
3501	Unsupported transaction isolation level.	
	<i>Cause</i>	You tried to change to a transaction isolation level that is not supported by the current Informix database.
	<i>Action</i>	Use a transaction isolation level that is supported by the current Informix database.
3502	Internal error. Failed to translate the user specified statement to an Informix-specific format.	
	<i>Cause</i>	The SequeLink Server SQL Parser could not parse the SQL statement.
	<i>Action</i>	Correct the syntax error in the SQL statement that you are trying to prepare and/or execute.
3503	An Informix DECIMAL value can only be converted to a SequeLink decimal value.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
3504	A SequeLink decimal value can only be converted to an Informix NUMBER value.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.

3505	Internal error. An unsupported action is encountered in a fetch callback routine. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3506	Numeric value truncated. <i>Cause</i> The precision and/or scale of a numeric value is bigger than Informix expects. <i>Action</i> Make sure the numeric value that you send to Informix corresponds to the columns definition.
3507	An Informix timestamp value can only be converted to a SequeLink timestamp value. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3508	A SequeLink timestamp value can only be converted to an equivalent Informix timestamp value. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
3509	Output and Input-Output variables not supported. <i>Cause</i> You tried to Bind Output or Input/Output variables, which are not supported by Informix. <i>Action</i> SequeLink returns Informix return parameters as result sets. Fetch the result sets.
3510	Data source not found. <i>Cause</i> An invalid server data source was specified at connection time. <i>Action</i> Make sure the server data source you want to connect to exists, or use the default server data source.
3511	Get diagnostics failed. <i>Cause</i> SequeLink could not get the error message text from Informix. <i>Action</i> Contact MERANT technical support.

3512	Insertion of Smart BLOB failed.
<i>Cause</i>	SequeLink could not insert a smart BLOB (data type BLOB or CLOB).
<i>Action</i>	Check whether a default sbspace has been created in Informix. Refer to the Informix documentation for information about onconfig.
3513	Set catalog name not supported.
<i>Cause</i>	The application tried to switch the current database during the connection. This is not supported by Informix.
<i>Action</i>	Specify your database at connection time. Do not change databases after connection.
3514	Invalid environment variables during establishing connection to database.
<i>Cause</i>	The environment variables INFORMIXDIR and/or INFORMIXSERVER are not properly set.
<i>Action</i>	Set these environment variables in the SequeLink Service environment attributes.
3515	Database name not specified.
<i>Cause</i>	A connection was attempted without specifying a valid database name.
<i>Action</i>	Check the connection settings and make sure a valid database name is passed to the server.
3516	Stat, ClsDb, Commit, Rollback functions not allowed for execution.
<i>Cause</i>	An attempt was made to execute the native Informix transaction functions.
<i>Action</i>	Use only the Client API's transaction functions for transaction handling.
3517	Prepared statement is not described by Informix.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
3518	Informix function failed while reading smart LOB data.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.

3519	Select statements cannot be executed via Nlmmmediate.
<i>Cause</i>	An attempt was made to execute statements that generate result sets in a batch of JDBC statements.
<i>Action</i>	Make sure that every statement in a statement batch is either a DDL or a statement that generates RowCounts.
5001	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5002	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5003	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5004	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5011	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5012	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5013	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

5014	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5015	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5021	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5022	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5023	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5024	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5031	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5033	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5034	An internal error occurred.

	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5043		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5044		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5045		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5046		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5047		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5052		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5058		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5059		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.

	<i>Action</i>	Contact MERANT technical support.
5060		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5061		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5065		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5067		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5069		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5070		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5071		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
5101		An internal error occurred.
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.

5102	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5103	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5104	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5105	A memory allocation error occurred. <i>Cause</i> SequeLink was unable to allocate the necessary amount of memory. <i>Action</i> Increase the available memory for your application.
5106	A memory allocation error occurred. <i>Cause</i> SequeLink was unable to allocate the necessary amount of memory. <i>Action</i> Increase the available memory for your application.
5107	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5108	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5109	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.

5110	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5111	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5112	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5113	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5150	You cannot connect to a server that is not a SequeLink Server.
<i>Cause</i>	An attempt was detected to connect to a server that is not a SequeLink Server.
<i>Action</i>	Make sure that the connection information configured at the SequeLink Client is specified correctly to connect to the SequeLink Server.
5151	A protocol error occurred during the connection setup.
<i>Cause</i>	The SequeLink Client is not compatible with the version of the SequeLink Server to which it is connecting.
<i>Action</i>	Verify that the versions of your SequeLink Client and SequeLink Server are compatible. Contact MERANT technical support, if necessary.
5152	You are trying to connect to a server that is not running the correct version of SequeLink Server.
<i>Cause</i>	An attempt was detected to connect to a SequeLink Server running an incompatible version of SequeLink.
<i>Action</i>	Verify that the versions of your SequeLink Client and SequeLink Server are compatible. Contact MERANT technical support, if necessary.

5153	The SequeLink Client failed to retrieve the connection parameters from the LDAP server.
<i>Cause</i>	The SequeLink Client failed to retrieve connection information from the LDAP server.
<i>Action</i>	Typically, this error is followed by other errors containing more detailed information. Use these details to troubleshoot the problem.

5154	The TCP/IP host was not specified.
<i>Cause</i>	The TCP/IP host of the SequeLink Server was not specified in the connection information.
<i>Action</i>	Make sure that the connection information configured at the SequeLink Client specifies the TCP/IP host of the SequeLink Server.

5155	The TCP/IP port was not specified.
<i>Cause</i>	The TCP/IP port of the SequeLink Server was not specified in the connection information.
<i>Action</i>	Make sure that the connection information configured at the SequeLink Client specifies the TCP/IP port of the SequeLink Server.

5156	LDAP Distinguished Name is missing.
<i>Cause</i>	The LDAP Distinguished Name that identifies a unique LDAP entry was not specified in the connection information to the LDAP server.
<i>Action</i>	Make sure that the connection information configured at the SequeLink Client specifies the Distinguished Name of the LDAP entry.

5157	The specified LDAP entry didn't specify all required attributes to connect to the SequeLink Server.
<i>Cause</i>	The specified LDAP entry, identified by the Distinguished Name, did not specify all the required attributes to connect to the SequeLink Server.
<i>Action</i>	Check the LDAP entry in the LDAP directory to make sure that the LDAP entry specifies the complete connection information for SequeLink connections. For information about configuring LDAP for SequeLink, refer to the <i>SequeLink Administrator's Guide</i> .

5158	LDAP return code: xxxx (xxxx).
<i>Cause</i>	An LDAP return code was generated by the underlying LDAP implementation. The return code contains parameters that provide more detailed information.
<i>Action</i>	Refer to your LDAP product documentation to reference the return code generated by LDAP.

5159	The initialization of the LDAP client failed. Possible cause: memory allocation failure.
<i>Cause</i>	The initialization of the LDAP client failed. A memory allocation failure may have occurred.
<i>Action</i>	Increase the available memory for your application.

5160	The specified LDAP entry could not be found. Part of the Distinguished Name identifying the entry as "xxxx" was returned.
<i>Cause</i>	The specified LDAP entry, identified by the Distinguished Name, could not be found.
<i>Action</i>	Make sure that you specified a correct LDAP entry Distinguished Name.

5161	Failed to load the LDAP library: xxxx.
<i>Cause</i>	SequeLink Client could not load the specified LDAP shared library.
<i>Action</i>	Check your SequeLink Client installation.

5162	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

5163	LDAP is not supported on this platform.
<i>Cause</i>	The attempted operation is supported only on platforms that support LDAP.
<i>Action</i>	Try the operation on a SequeLink Client running on a platform that supports LDAP.

5164	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5200	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5201	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5202	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5203	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5204	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5205	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5206	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.

5223	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5241	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5270	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5290	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5300	Failed to load the transliteration file 'xxxx'.
<i>Cause</i>	The transliteration file 'xxxx' failed to load.
<i>Action</i>	Check your SequeLink Client installation.
5301	The transliteration file 'xxxx' is corrupt.
<i>Cause</i>	The transliteration file 'xxxx' is damaged.
<i>Action</i>	Check your SequeLink Client installation.
5302	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
5303	Failed to load the transliteration file 'xxxx'.
<i>Cause</i>	The transliteration file 'xxxx' failed to load.
<i>Action</i>	Check your SequeLink Client installation.

5304	The transliteration file 'xxxx' is corrupt. <i>Cause</i> The transliteration file 'xxxx' is corrupt. <i>Action</i> Check your SequeLink Client installation.
5320	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5321	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5330	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5331	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5340	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
5350	An authentication mechanism could not be successfully negotiated. <i>Cause</i> The SequeLink Server did not specify a authentication mechanism supported by the SequeLink Client. <i>Action</i> Make sure that the SequeLink Server specifies an authentication mechanism supported by the SequeLink Client. Refer to the <i>SequeLink Administrator's Guide</i> for information on configuring authentication.

5501	Memory allocation failure.
<i>Cause</i>	Insufficient memory could be allocated.
<i>Action</i>	Free memory resources. If the problem persists, contact MERANT technical support.
5502	Failed to initialize SequeLink Manager.
<i>Cause</i>	The SequeLink Manager could not be initialized.
<i>Action</i>	Contact MERANT technical support.
5503	Internal SequeLink Manager error detected (l=xxxxd).
<i>Cause</i>	An internal error occurred in the SequeLink Manager.
<i>Action</i>	Contact MERANT technical support.
5504	Unknown command <name> entered.
<i>Cause</i>	The command entered is invalid.
<i>Action</i>	Check the SequeLink Manager command help to verify the command.
5505	Specified argument not valid for the given command.
<i>Cause</i>	The specified parameter for the specified parameter is incorrect.
<i>Action</i>	Check the SequeLink Manager command help to verify the command parameter.
5506	Failed to open file <file name>.
<i>Cause</i>	The specified file could not be opened.
<i>Action</i>	Make sure that the file exists. If it does, make sure that you have sufficient privileges to open and read the file.
5507	Argument out of range.
<i>Cause</i>	The specified parameter was too long.
<i>Action</i>	Check the SequeLink Manager command help to verify the command parameter.

5508	Required parameter <i><name></i> for command not specified.
<i>Cause</i>	A required parameter for the SequeLink Manager command was not specified.
<i>Action</i>	Check the SequeLink Manager command help to verify the required parameters for the command.
5509	Command not available for current configuration.
<i>Cause</i>	The SequeLink Manager command entered is not supported for the current configuration.
<i>Action</i>	Check the SequeLink Manager command help to verify the command.
5510	Failed to display help item.
<i>Cause</i>	SequeLink Manager help could not be displayed for the specified command. This is an internal error.
<i>Action</i>	Contact MERANT technical support.
5511	No configuration opened.
<i>Cause</i>	A SequeLink Manager command was entered that required an open configuration.
<i>Action</i>	Check the SequeLink Manager command help to verify the command.
5513	Numeric value for parameter required.
<i>Cause</i>	The parameter for the specified SequeLink Manager command requires a numeric value.
<i>Action</i>	Check the SequeLink Manager command help to verify the parameters for the command.
5514	An invalid service template ID was specified.
<i>Cause</i>	An invalid SequeLink service template ID was specified.
<i>Action</i>	Make sure that you specify the correct SequeLink service template ID. For more information about template IDs, refer to the <i>SequeLink Administrator's Guide</i> .

5515	Invalid option <i><name></i> .
<i>Cause</i>	An invalid option for the specified SequeLink Manager command was supplied.
<i>Action</i>	Check the SequeLink Manager command help to verify the specified command.
5516	Invalid value for option <i><name></i> .
<i>Cause</i>	An invalid value for the specified SequeLink Manager command option was supplied.
<i>Action</i>	Check the SequeLink Manager command help to verify the command.
5517	Help topic not found.
<i>Cause</i>	The topic specified with the SequeLink Manager help command could not be found.
<i>Action</i>	Specify help without arguments to see the topics for which help is available.
5518	Invalid attribute index syntax.
<i>Cause</i>	The attribute array index specified with the attribute name has an incorrect syntax. The correct syntax for an attribute array index is, for example, AttributeName[25].
<i>Action</i>	Correct the syntax.
5519	Invalid log level <i><name></i> .
<i>Cause</i>	The log level name is invalid.
<i>Action</i>	Check the SequeLink Manager command help to verify log level names.
5520	Invalid log value <i><name></i> .
<i>Cause</i>	The value specified with the log level name is invalid.
<i>Action</i>	Check the SequeLink Manager command help to verify log level values.
5522	Invalid numeric value <i><value></i> .
<i>Cause</i>	A value was specified that could not be converted to a numeric value.
<i>Action</i>	Specify a valid numeric value for the command.

5523	AutoSave option is already activated. <i>Cause</i> The SequeLink Manager command SaveConfig was issued when the AutoSave setting was activated. <i>Action</i> None. This message is informational only.
5524	Quote mismatch. <i>Cause</i> Syntax error. No closing quote was typed. <i>Action</i> Correct the syntax.
5525	System execution returned a non-zero return code (return code <value>). <i>Cause</i> An application or operating system command failed. The operating system command specified with the '!' command returned a non-zero return code. <i>Action</i> Refer to the command's documentation, typically the operating system command documentation, for more information.
5526	Failed to open a pipe to <application>. <i>Cause</i> A pipe to the specified application could not be opened. <i>Action</i> Make sure that the MoreExecPath is configured correctly.
5527	When handling commands interactive, no output or error file can be specified. <i>Cause</i> An output or error file was specified on the command line, but no input file was specified. <i>Action</i> Correct the command line by adding the "input file" option or by removing the output or error file option.
5528	Invalid flag <name>. <i>Cause</i> An invalid command-line flag was specified. <i>Action</i> Specify a valid command-line flag.
5529	Invalid profile level <name>. <i>Cause</i> An invalid profile level was specified. <i>Action</i> Check the SequeLink Manager command help to verify profile levels.

5530	Invalid name or ID <value> for profile level <name>.
<i>Cause</i>	An invalid profile name or ID for the specified profile level was supplied.
<i>Action</i>	Check the SequeLink Manager command help to verify profile levels and their names or IDs.
5531	Too many parameters specified.
<i>Cause</i>	Too many arguments were provided with a CLA command.
<i>Action</i>	Make sure that the CLA command provides the correct number of parameters.
5532	A attribute index must be specified for this attribute.
<i>Cause</i>	When deleting or replacing an array attribute with the CLA, an index must always be specified.
<i>Action</i>	Make sure that an index is specified and the syntax is correct.
5533	Specified attribute is no array attribute.
<i>Cause</i>	An index was provided in the CLA with an attribute that is not an array attribute.
<i>Action</i>	Make sure that no index is specified and the syntax is correct.
6501	A required input parameter could not be read.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6502	A required output parameter could not be written.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6503	A parameter was malformed.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.

6504	An unsupported mechanism was requested. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6505	An invalid name was supplied. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6506	A supplied name was of an unsupported type. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6507	Incorrect channel bindings were supplied. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6508	An invalid status code was supplied. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6509	A token had an invalid signature. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6510	No credentials were supplied. <i>Cause</i> An error occurred during OSLogon processing because the client application did not provide a user name or a user password and the application disabled prompting for this information. <i>Action</i> Make sure the connection information provided by the application contains all required attributes.

6511	No context has been established.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6512	A token was invalid.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6513	A credential was invalid.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6514	The provided credentials have expired.
<i>Cause</i>	An error occurred during authentication processing because the password for the specified user has expired.
<i>Action</i>	Update the password on the server host.
6515	The context has expired.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6516	A generic error occurred. Minor MGGS state is xxxx.
<i>Cause</i>	An error occurred during authentication processing. The accompanying error message (which is different from the text above) indicates the exact nature of the problem; for example, "User not found" or "Invalid password provided."
<i>Action</i>	Make sure that the logon information provided by your client application is correct.
6517	The quality-of-protection requested could not be provided.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.

6518	The operation is forbidden by local security policy. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6519	The operation or option is unavailable. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6520	The requested credential element already exists. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6521	The provided name was not a mechanism name. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6522	Failed to load MGSS mechanism. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6523	Memory allocation failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6524	Context call failed. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6525	Prompt for authentication information aborted by user. <i>Cause</i> An error occurred during authentication processing because the user cancelled from the dialog box prompting for authentication information (user name and user password). <i>Action</i> None.

6526	MGSS module version mismatch.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6527	MGSS module returned an unknown major status code.
<i>Cause</i>	An internal error occurred.
<i>Action</i>	Contact MERANT technical support.
6801	Name given to entity instance is longer than 8 characters.
<i>Cause</i>	An error occurred during the startup of the SequeLink Server because the service name assigned to a SequeLink service or DB2 Interface was longer than 8 characters.
<i>Action</i>	Make sure that the service name of the SequeLink service or DB2 interface does not exceed 8 characters. Change the configuration of the SequeLink service or DB2 interface, if necessary. Then, restart the SequeLink Server.
6802	No unique agent service found.
<i>Cause</i>	An error occurred during the startup of the SequeLink Server because a SequeLink Agent service was not created for the SequeLink Server or more than one SequeLink Agent service had been created for the SequeLink Server. The SequeLink Server will not start.
<i>Action</i>	Create the missing SequeLink Agent service or delete any duplicate SequeLink Agent services in the SequeLink Server configuration.
6803	Name given to the agent service is longer than 8 characters.
<i>Cause</i>	An error occurred during the startup of the SequeLink Server because the name of an OS/390 SequeLink Agent service was longer than 8 characters. The SequeLink Server will not start.
<i>Action</i>	Change the name of the OS/390 SequeLink Agent service to be 8 characters or less. Then, restart the SequeLink Server.
6851	Memory allocation failure.
<i>Cause</i>	No memory could be allocated.
<i>Action</i>	Free memory resources. If the problem persists, contact MERANT technical support.

6852	Internal SequeLink Administration error detected (I=<number>).
<i>Cause</i>	An internal error occurred in the SequeLink Manager.
<i>Action</i>	Contact MERANT technical support.
6853	Failed to access configuration at <string>.
<i>Cause</i>	SequeLink failed to open the SequeLink configuration file because an invalid connection string to a SequeLink Agent was specified or an invalid path to a SequeLink configuration file was specified.
<i>Action</i>	Re-attempt to open the SequeLink configuration with a correct connection string or a correct path.
6854	Failed to cache configuration information.
<i>Cause</i>	An error occurred while caching configuration information from a SequeLink Agent or from a SequeLink configuration file.
<i>Action</i>	Contact MERANT technical support.
6855	Invalid attribute ID <id>.
<i>Cause</i>	An invalid attribute ID was specified.
<i>Action</i>	Specify a valid ID for the attribute. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
6856	Value for attribute <ID or name> is no numeric value.
<i>Cause</i>	The attribute value specified requires a numeric value.
<i>Action</i>	Specify a numeric value for the attribute value. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
6858	Specified value <attribute value> for attribute <name or ID> is not valid. Values between <lower limit> and <upper limit> are valid.
<i>Cause</i>	The specified attribute value was invalid.
<i>Action</i>	Specify the attribute value, using a numeric value between <lower limit> and <upper limit>.

6859	Specified value <i><attribute value></i> for attribute <i><ID or name></i> is not valid. <i>Cause</i> The specified attribute value was invalid. <i>Action</i> Specify a valid value for the attribute.
6861	Invalid values for boolean attribute <i><ID or name></i> . <i>Cause</i> The specified attribute value is not a valid boolean value. <i>Action</i> Specify a valid value for the attribute.
6862	Length of string attribute <i><ID or name></i> cannot be larger then <i><length></i> characters. <i>Cause</i> The specified string attribute value cannot exceed the maximum string length allowed. <i>Action</i> Specify a valid value for the attribute without exceeding the maximum string length allowed.
6863	Attribute type not supported. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
6864	Unable to determine local host name. <i>Cause</i> SequeLink was unable to determine the name of the local host. <i>Action</i> Contact MERANT technical support.
6865	Invalid service name <i><service name></i> . <i>Cause</i> An invalid SequeLink service name was specified. <i>Action</i> Specify a valid SequeLink service name. Remember that service names are case sensitive.
6866	Invalid service template ID. <i>Cause</i> An invalid SequeLink service template ID was specified. <i>Action</i> Specify a valid SequeLink service template ID. For more information about template IDs, refer to the <i>SequeLink Administrator's Guide</i> .

6867	Only one agent service may be created. <i>Cause</i> An attempt was made to create a duplicate SequeLink Agent service. <i>Action</i> None.
6868	Service <service name> is still active. <i>Cause</i> An attempt was made to delete a SequeLink service that was still running. <i>Action</i> Stop the SequeLink service before you delete it.
6869	Failed to check if service <service name> is still active. <i>Cause</i> SequeLink could not check if the SequeLink service was active. The SequeLink service may have been experiencing heavy traffic or may have been in an incorrect state. <i>Action</i> Re-check the status of the SequeLink service. If the problem persists, contact MERANT technical support.
6870	Attribute <ID or name> is no valid <object> attribute. <i>Cause</i> The specified attribute is not valid for the SequeLink service or server data source. <i>Action</i> Specify a valid attribute for the SequeLink service or server data source. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
6871	Attribute <ID or name> may be added only once. <i>Cause</i> An attempt to add an attribute that already existed in the SequeLink service or server data source configuration was detected. <i>Action</i> None.
6872	Attribute <ID or name> is a primary key. <i>Cause</i> The specified attribute is required by the SequeLink service or server data source and cannot be deleted. <i>Action</i> None.

6873	Attribute <ID or name> not found in <object>.
<i>Cause</i>	The specified attribute cannot be found in the SequeLink service or server data source.
<i>Action</i>	Check your SequeLink service or server data source configuration to verify that the specified attribute exists in the configuration. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .

6874	Attribute <ID or name> must at least exist once in <object>.
<i>Cause</i>	The specified attribute could not be found in the SequeLink service or server data source.
<i>Action</i>	Check your SequeLink service or server data source configuration to verify that the specified attribute exists in the configuration. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .

6875	Function not available for platform configuration.
<i>Cause</i>	The specified administrative function was not supported for the server operating system.
<i>Action</i>	None.

6877	Monitor not available for service <service name>.
<i>Cause</i>	Monitoring has not been enabled for this SequeLink service.
<i>Action</i>	Enable a monitoring profile for the service, and make sure that the service is active. For more information about enabling profiles for a SequeLink service, refer to the <i>SequeLink Administrator's Guide</i> .

6878	Invalid data source name <service name>.
<i>Cause</i>	An invalid server data source name was specified.
<i>Action</i>	Specify a correct server data source name. Server data source names are case-sensitive. For more information about creating server data sources, refer to the <i>SequeLink Administrator's Guide</i> .

6879	Cannot create a data source for an agent service. <i>Cause</i> Server data sources cannot be created for SequeLink Agent services. <i>Action</i> Make sure that you are trying to create a server data source for a SequeLink data access service.
6880	Only one <i><object></i> may exist. <i>Cause</i> Only one instance of the object may exist. <i>Action</i> Contact MERANT technical support.
6881	Invalid <i><object></i> . <i>Cause</i> An invalid SequeLink service name or server data source name was specified. <i>Action</i> Specify a correct SequeLink service name or server data source name.
6882	No <i><object></i> exists. <i>Cause</i> No instance of object exists. <i>Action</i> Contact MERANT technical support.
6883	<i><object></i> already exists. <i>Cause</i> The SequeLink service name or the server data source name already exists. <i>Action</i> Contact MERANT technical support.
6884	<i><object></i> still used by service <i><service name></i> . <i>Cause</i> The object is still used by the specified SequeLink service. <i>Action</i> Contact MERANT technical support.
6885	Cannot delete required attribute <i><ID or name></i> . <i>Cause</i> The attribute cannot be deleted because it is required. <i>Action</i> Contact MERANT technical support.

6886	Unable to determine event trace location for service <i><service name></i> .
<i>Cause</i>	An event trace file for the SequeLink service could not be located. Either SequeLink service information could not be retrieved or the ServiceEventTraceLocation service attribute could not be found in the service information.
<i>Action</i>	Make sure that the SequeLink service is active. If it is, check the ServiceEventTraceLocation service attribute to make sure that it is specified correctly. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .

6887	Event trace not available for service <i><service name></i> . Check if the service is running and an event trace profile is created.
<i>Cause</i>	Event tracing was not enabled for the specified SequeLink service.
<i>Action</i>	Enable an event tracing profile for the SequeLink service, and make sure that the SequeLink service is running. For more information about enabling profiles for a SequeLink service, refer to the <i>SequeLink Administrator's Guide</i> .

6888	Failed to open event trace file <i><file name></i> .
<i>Cause</i>	The specified event trace file could not be opened.
<i>Action</i>	Make sure that you have sufficient privileges to open and read the file, and make sure that the file is not being used by another SequeLink service.

6890	Invalid array index <i><number></i> for attribute <i><ID or name></i> .
<i>Cause</i>	An invalid attribute array index was specified.
<i>Action</i>	Specify a valid array index.

6892	Invalid session ID <i><number></i> .
<i>Cause</i>	An invalid session ID was specified.
<i>Action</i>	Specify a correct session ID.

6893	No configuration opened.
<i>Cause</i>	A SequeLink Manager request was made that required a connection to a SequeLink Agent or a SequeLink configuration file.
<i>Action</i>	Connect to a SequeLink Agent or open a SequeLink configuration file before making SequeLink Manager requests.
6894	Invalid numeric value <value>.
<i>Cause</i>	A value was specified that could not be converted to a numeric value.
<i>Action</i>	Specify a valid numeric value.
6895	Failed to prompt for user ID and password.
<i>Cause</i>	The callback function to prompt for a user ID and password failed.
<i>Action</i>	Contact MERANT technical support.
6896	Invalid attribute name <name>.
<i>Cause</i>	An invalid attribute name was specified.
<i>Action</i>	Specify a valid attribute. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .
6897	No agent service found in <file name>.
<i>Cause</i>	A SequeLink Agent service was not found defined in the specified SequeLink configuration file.
<i>Action</i>	Create a SequeLink Agent service. For information about creating SequeLink services, refer to the <i>SequeLink Administrator's Guide</i> .
6898	Unable to locate local SequeLink server configuration file.
<i>Cause</i>	A local SequeLink configuration file could not be located.
<i>Action</i>	Make sure that you have specified the local configuration file correctly.
6899	SequeLink Administration library has not been initialized.
<i>Cause</i>	A call to the SequeLink Manager library was made before calling SLMAM_Init.
<i>Action</i>	Contact MERANT technical support.

6900	Service <service name> already exists. <i>Cause</i> A SequeLink service with the same service name already exists. <i>Action</i> Specify a unique service name for the SequeLink service.
6901	Invalid token in service name. <i>Cause</i> The specified service name contains a token that is not allowed. <i>Action</i> Choose another name for your SequeLink service.
6902	Service <service name> is already started. <i>Cause</i> An attempt was made to start a SequeLink service that was already started. <i>Action</i> None.
6903	Service <service name> is not active. <i>Cause</i> The specified SequeLink service is not active. <i>Action</i> None.
6904	No monitor profile available for service <service name>. <i>Cause</i> The specified SequeLink service does not have monitoring enabled. <i>Action</i> Enable a monitoring profile for the SequeLink service. For more information about enabling monitoring profiles, refer to the <i>SequeLink Administrator's Guide</i> .
6905	A monitor profile already exists for service <service name>. <i>Cause</i> The specified SequeLink service already has monitoring enabled. <i>Action</i> None.
6906	No event log profile available for service <service name>. <i>Cause</i> The specified SequeLink service does not have event tracing enabled. <i>Action</i> Enable an event tracing profile for the SequeLink service. For more information about enabling profiles for SequeLink services, refer to the <i>SequeLink Administrator's Guide</i> .

6911	The default data source for service <i><service name></i> may not be destroyed.
<i>Cause</i>	An attempt to delete the default server data source was detected. The default server data source for the specified SequeLink service cannot be deleted.
<i>Action</i>	None.
6912	Unable to find a default data source for service <i><service name></i> .
<i>Cause</i>	The default server data source for the specified SequeLink service could not be found.
<i>Action</i>	Contact MERANT technical support.
6913	Session monitoring has not been enabled for service <i><service name></i> .
<i>Cause</i>	The monitoring profile enabled for the specified SequeLink service does not provide session or statement counters.
<i>Action</i>	Enable a monitoring profile for the SequeLink service that uses session or statement counters. For more information about enabling profiles for SequeLink services, refer to the <i>SequeLink Administrator's Guide</i> .
6914	Failed to start service <i><service name></i> .
<i>Cause</i>	The specified SequeLink service could not be started.
<i>Action</i>	Details about the failure are logged in the service debug log file, the event trace file, or the system logging facility. Examine these details to troubleshoot the problem.
7361	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
7362	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7363	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7364	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7365	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7366	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7367	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7368	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7369	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7370	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.

7391	Driver cannot perform requested operation: {0}.
<i>Cause</i>	The method {0} is not supported by this version of the SequeLink JDBC Driver.
<i>Action</i>	Verify the method {0} in your JDBC application.
7392	Object is closed. The JDBC application used an illegal method on a closed object.
<i>Cause</i>	Object is closed. The JDBC application used an illegal method on a closed object.
<i>Action</i>	Correct your JDBC application.
7393	The value specified for parameter '{0}' is invalid.
<i>Cause</i>	The value specified for parameter '{0}' is invalid.
<i>Action</i>	Verify the value of the parameter {0} in your JDBC application.
7394	The method call '{0}' is not supported on a forward-only result set. The JDBC application used an illegal method on a forward-only result set.
<i>Cause</i>	The method '{0}' is not supported on a forward-only result set. The JDBC application used an illegal method on a forward-only result set.
<i>Action</i>	Correct your JDBC application.
7395	Timeout expired.
<i>Cause</i>	A timeout expired.
<i>Action</i>	Verify that the SequeLink Server is running and that you have specified the correct network address of the host. If your configuration is correct, increase the connection timeout value.
7396	The specified URL is not accepted: {0}.
<i>Cause</i>	The specified URL is not accepted: {0}.
<i>Action</i>	Verify the specified connection URL.
7397	Insufficient information to connect. Missing parameters are: {0}.
<i>Cause</i>	Insufficient information to connect. Missing parameters are: {0}.
<i>Action</i>	Make sure that you specify the connection URL completely. For information about the syntax of the connection URL, refer to the <i>SequeLink Administrator's Guide</i> .

7398	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
7399	Method {0} cannot be called when a result set is open. The JDBC application used an illegal method on a Statement, which has an open result set.
<i>Cause</i>	Method {0} cannot be called when a result set is open. The JDBC application used an illegal method on a Statement, which has an open result set.
<i>Action</i>	Correct your JDBC application.
7400	Error occurred while reading properties file.
<i>Cause</i>	An error occurred while reading the properties file.
<i>Action</i>	Contact MERANT technical support.
7401	Insufficient information to log on to the database. Missing parameters are: {0}.
<i>Cause</i>	Insufficient information was provided to log on to the database. Missing parameters are indicated by {0}.
<i>Action</i>	Re-attempt the connection, making sure that you specify the connection URL completely.
7402	Unexpected error occurred during timed connection startup.
<i>Cause</i>	An unexpected error occurred during timed connection startup.
<i>Action</i>	Obtain the next exception for more information. If necessary, contact MERANT technical support.
7403	Statement did not generate a row count. executeUpdate() cannot be used on a statement that returns a result set.
<i>Cause</i>	The statement did not generate a row count. executeUpdate() cannot be used on a statement that returns a result set.
<i>Action</i>	Correct your JDBC application.

7404	Statement did not generate a result set. <code>executeQuery()</code> cannot be used on a statement that does not return a result set. <i>Cause</i> The statement did not generate a result set. <code>executeQuery()</code> cannot be used on a statement that does not return a result set. <i>Action</i> Correct your JDBC application.
7405	Conversion not supported: {0}() for SQL data type {1}. The specified method is illegal for a column of the specified SQL data type. <i>Cause</i> The specified method is illegal for a column of the specified SQL data type. <i>Action</i> Correct your JDBC application.
7406	Conversion of value '{0}' at column '{1}' failed. The data type conversion for the specified column failed. <i>Cause</i> The data type conversion for the specified column failed. <i>Action</i> Correct your JDBC application.
7407	An unsupported SQL data type has been specified: {0}. The specified SQL data type is invalid. <i>Cause</i> The specified SQL data type is invalid. <i>Action</i> Correct your JDBC application.
7408	Invalid use of null string. <i>Cause</i> A null string is incorrectly used as a parameter or a method of <code>DatabaseMetaData</code> . <i>Action</i> Correct your JDBC application.
7409	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.
7410	An internal error occurred. <i>Cause</i> An unexpected error occurred. <i>Action</i> Contact MERANT technical support.

7411	An internal error occurred.
<i>Cause</i>	An unexpected error occurred.
<i>Action</i>	Contact MERANT technical support.
7412	Use register OutParameter (int, int, int) for SQL data type {0}. The method registerOutParameter (int, int) is not supported for DECIMAL data.
<i>Cause</i>	The method registerOutParameter (int, int) is not supported for DECIMAL data.
<i>Action</i>	Correct your JDBC application.
7413	No output parameter is registered at parameter index {0}. registerOutParameter must be called prior to getXXX() on a CallableStatement.
<i>Cause</i>	registerOutParameter must be called prior to getXXX() on a CallableStatement.
<i>Action</i>	Correct your JDBC application.
7414	Conversion not supported: {0}() used for SQL data type {1} at parameter index {2}. The specified method is illegal for a column of the specified SQL data type.
<i>Cause</i>	The specified method is illegal for a column of the specified SQL data type.
<i>Action</i>	Correct your JDBC application.
7415	Illegal method call on a PreparedStatement. The methods on Statement that have a SQL statement as parameter, like execute(sql) and addBatch(sql), are not supported on PreparedStatements.
<i>Cause</i>	The methods on Statement that have a SQL statement as parameter, like execute(sql) and addBatch(sql), are not supported on PreparedStatements.
<i>Action</i>	Check your JDBC application.
7416	The number of input parameters is different from the previous parameter set.
<i>Cause</i>	The number of input parameters is different from the previous parameter set.
<i>Action</i>	Check your JDBC application.

7417	Output parameters with batch updates are not supported. <i>Cause</i> You cannot use output parameters with batch updates. <i>Action</i> Check your JDBC application.
7418	An object of the unsupported class {0} has been specified. The JDBC application specified an object of the unsupported class as parameter for PreparedStatement.setObject(). <i>Cause</i> The JDBC application specified an object of the unsupported class as parameter for PreparedStatement.setObject(). <i>Action</i> Check your JDBC application.
7419	The number of bytes in a unicode stream cannot be an odd value. <i>Cause</i> The number of bytes in a Unicode stream cannot be an odd value. <i>Action</i> Check your JDBC application.
7420	Some parameters are not defined. The application did not call a setXXX() method for each parameter in the SQL statement. <i>Cause</i> Some parameters are not defined. The application did not call a setXXX() method for each parameter in the SQL statement. <i>Action</i> Check your JDBC application for undefined parameters.
7421	Illegal method call. There is no current row. This method invocation is only valid when the result set has a current row. <i>Cause</i> This method invocation is only valid when the result set has a current row. <i>Action</i> Check your JDBC application.
7422	Positioned updates are not supported. <i>Cause</i> Positional updates are not supported by this version of the SequeLink JDBC Driver. <i>Action</i> Check your JDBC application.

7423	The column '{0}' is not found. An invalid column name has been specified.
<i>Cause</i>	The specified column was not found. An invalid column name was specified.
<i>Action</i>	Check your JDBC application.
7424	The method {0}() does not apply to columns of type {1}.
<i>Cause</i>	The specified method does not apply to this type of column.
<i>Action</i>	Check your JDBC application.
7425	A batch cannot contain SQL statements that return a result set.
<i>Cause</i>	A batch cannot contain SQL statements that return a result set.
<i>Action</i>	Check your JDBC application. Make sure that only row count generating statements are used in a batch.
7426	Driver does not support batches containing stream variables.
<i>Cause</i>	The SequeLink JDBC Driver does not support large objects in batches.
<i>Action</i>	Check your JDBC application.
7427	Handshake failure: You are trying to connect to a server that is not a SequeLink Server.
<i>Cause</i>	An attempt was made to connect to a server that is not a SequeLink Server.
<i>Action</i>	Make sure that the connection information configured at the SequeLink Client is specified correctly to connect to the SequeLink Server.
7428	Handshake failure: You are trying to connect to a server that is not a SequeLink Server.
<i>Cause</i>	The SequeLink Client is incompatible with the version of the SequeLink Server to which it tried to connect.
<i>Action</i>	Verify that the versions of your SequeLink Client and SequeLink Server are compatible. Contact MERANT technical support, if necessary.

7429	Handshake failure: A protocol error occurred during the connection setup.
<i>Cause</i>	An attempt was detected to connect to a SequeLink Server running an incompatible version of SequeLink.
<i>Action</i>	Verify that the versions of your SequeLink Client and SequeLink Server are compatible. Contact MERANT technical support, if necessary.
7430	Driver does not support: different parameter target types. The SequeLink JDBC driver does not allow you to change the type of parameters, once they are registered.
<i>Cause</i>	The SequeLink JDBC Driver does not allow you to change the type of parameters once they are registered.
<i>Action</i>	Check your JDBC application. Possibly, add a call to <code>clearParameters()</code> .
7431	Column index out of bounds. The column index your JDBC application specified is out of bounds.
<i>Cause</i>	Your JDBC application specified a column index that is out of bounds.
<i>Action</i>	Check your JDBC application.
7432	Internal error: Invalid state of statement context '{0}'.
<i>Cause</i>	The state of statement context '{0}' was invalid.
<i>Action</i>	Contact MERANT technical support.
7433	Conversion not supported: <code>setObject()</code> with object type {0} used for SQL data type {1} at parameter index {2}.
<i>Cause</i>	This type of conversion not supported.
<i>Action</i>	Check your JDBC application.
7434	An authentication mechanism could not be successfully negotiated.
<i>Cause</i>	The SequeLink Server did not specify an authentication mechanism supported by the SequeLink Client.
<i>Action</i>	Make sure that the SequeLink Server specifies an authentication mechanism supported by the SequeLink Client. Refer to the <i>SequeLink Administrator's Guide</i> for information about setting authentication.
7435	Unable to resolve transliteration: {0}. The SequeLink JDBC driver does not support the transliteration used by your server.

	<i>Cause</i>	The SequeLink JDBC Driver does not support the transliteration used by your server.
	<i>Action</i>	Contact MERANT technical support.
7436		Error occurred while processing transliteration table: {0}.
	<i>Cause</i>	Error occurred while processing a transliteration table.
	<i>Action</i>	Contact MERANT technical support.
7437		Transliteration table corrupt: {0}.
	<i>Cause</i>	The transliteration table was damaged.
	<i>Action</i>	Contact MERANT technical support.
7438		NumberFormatException during setObject() with object type {0} used for SQL data type {1} at parameter index {2}.
	<i>Cause</i>	NumberFormatException during setObject() with object type {0} used for SQL data type {1} at parameter index {2}.
	<i>Action</i>	The subsequent exception will give you more information. Check your JDBC application.
7439		XA-Open failed with return code {0}.
	<i>Cause</i>	XA-Open failed with the specified return code.
	<i>Action</i>	Refer to the X/Open XA Specification for more information about the return code.
7440		XA-Close failed with return code {0}.
	<i>Cause</i>	XA-Close failed with the specified return code.
	<i>Action</i>	Refer to the X/Open XA Specification for more information about the return code.
7441		An error occurred while processing the cache of the insensitive scrollable resultset.
	<i>Cause</i>	An error occurred while processing the cache of the insensitive scrollable result set.
	<i>Action</i>	Contact MERANT technical support.
7442		FetchSize must be less than maxRowSize.

	<i>Cause</i> FetchSize must be less than maxRowSize.
	<i>Action</i> Check your JDBC application.
7443	Method {0} cannot be called when the statement is executed.
	<i>Cause</i> The SequeLink JDBC Driver cannot change the setmaxFieldSize when the statement is already executed.
	<i>Action</i> Check your JDBC application.
7444	Value of setMaxFieldSize exceeds maximum limit.
	<i>Cause</i> The value of setMaxFieldSize exceeded the maximum limit. To avoid excessive memory use, the SequeLink JDBC Driver limits the maximum value of setMaxFieldSize.
	<i>Action</i> If you require higher values, contact MERANT technical support.
7445	Internal error occurred.
	<i>Cause</i> An unexpected error occurred.
	<i>Action</i> Contact MERANT technical support.
7446	Error occurred while processing transliteration table: {0}.
	<i>Cause</i> An error occurred while processing a transliteration table.
	<i>Action</i> Contact MERANT technical support.
7447	An unsupported transliteration type has been specified: {0}.
	<i>Cause</i> An unsupported transliteration type has been specified.
	<i>Action</i> Contact MERANT technical support.
7448	You are attempting to use this MERANT software from an application that is not licensed to use it.
	<i>Cause</i> An internal error occurred.
	<i>Action</i> Contact MERANT technical support.
7449	Server asked for unknown encryption.
	<i>Cause</i> An internal error occurred.
	<i>Action</i> Contact MERANT technical support.

7450	No initialization vector was sent when one was expected. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
7451	Initialization vector has wrong size ({0} bytes). Expected {1} bytes. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
7452	Error occurred during transliteration. <i>Cause</i> An internal error occurred. <i>Action</i> Contact MERANT technical support.
7481	Result set type is changed from '{0}' to '{1}'. This is a SQL warning. <i>Cause</i> The result set type is changed from '{0}' to '{1}'. This is a SQL warning. <i>Action</i> Refer to the <i>SequeLink Developer's Reference</i> for information about restrictions on scrollable cursors.
7482	Result set concurrency is changed from '{0}' to '{1}'. This is a SQLWarning. <i>Cause</i> Result set concurrency is changed from '{0}' to '{1}'. This is a SQL Warning. <i>Action</i> Refer to the <i>SequeLink Developer's Reference</i> for information about restrictions on scrollable cursors.
7483	Finalization thread could not be started. This is a SQL Warning. The SequeLink JDBC Driver is unable to "finalize" Connection and Statement objects during garbage collection. <i>Cause</i> Finalization thread could not be started. The SequeLink JDBC Driver is unable to finalize Connection and Statement objects during garbage collection. <i>Action</i> Make sure that your application explicitly closes the Connection and Statement objects.
7491	Object is closed. <i>Cause</i> The object is closed. <i>Action</i> Check your JDBC application.

7492	Cannot set autocommit to 'on' for global transaction. <i>Cause</i> You cannot set Autocommit to "on" for global transactions. <i>Action</i> Check your JDBC application.
7493	Cannot commit for global transaction. <i>Cause</i> Global transaction could not be committed. <i>Action</i> Check your JDBC application.
7494	Cannot rollback for global transaction. <i>Cause</i> Global transaction could not be rolled back. <i>Action</i> Check your JDBC application.
7495	Reclaim of open connection is not supported. <i>Cause</i> The SequeLink JDBC Driver does not support the reclaim of open connections. <i>Action</i> Check your JDBC application.
7720	[SSL]Illegal port number specified. <i>Cause</i> An invalid port number was specified for the Port parameter in the proxy server configuration file. <i>Action</i> Check the Port parameter in the proxy server configuration file.
7721	[SSL]Illegal value for maximum number of connections. <i>Cause</i> An invalid value for the MaxConnections parameter in the proxy server configuration file was specified. <i>Action</i> Check the MaxConnections parameter in the proxy server configuration file.
7722	[SSL]Illegal value for Packet size. <i>Cause</i> An invalid value for the InitialPacketSize parameter in the proxy server configuration file was specified. <i>Action</i> Check the InitialPacketSize parameter in the proxy server configuration file.
7723	[SSL]Illegal transfer mode specified.

	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
7724	[SSL]Illegal log level specified.	
	<i>Cause</i>	An internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
7725	[SSL]Illegal "sta16timeout" value specified.	
	<i>Cause</i>	An illegal value for the CloseWaitTime parameter in the proxy server configuration file was specified
	<i>Action</i>	Check the CloseWaitTime parameter in the proxy server configuration file.
7726	[SSL]Internal error: proxy server state error.	
	<i>Cause</i>	An unexpected error occurred.
	<i>Action</i>	Contact MERANT technical support.
7727	[SSL]Cannot create server listener on given port.	
	<i>Cause</i>	The proxy server was unable to create a TCP/IP socket to listen for incoming connections. The proxy server may already be running or an incorrect port number was specified.
	<i>Action</i>	<ul style="list-style-type: none"> ■ Check the detailed exceptions. ■ Check the Port parameter in the proxy server configuration file. ■ Check the AdminPort parameter in the proxy server configuration file. ■ Make sure that the proxy server is not already running at the host.
7728	[SSL]Illegal server port number specified.	
	<i>Cause</i>	An invalid port number was specified for the ServerPort parameter in the proxy server configuration file.
	<i>Action</i>	Check the ServerPort parameter in the proxy server configuration file.
7729	[SSL]Configuration file not found.	

	<p><i>Cause</i> The specified proxy server configuration file was not found in the current directory. The proxy server configuration file is formed by adding the extensions .cfg to the proxy server name. The name of the proxy server can be specified using the last command-line parameter of the SequeLink Manager command used to start the proxy server.</p> <p><i>Action</i> Verify that the proxy server configuration file has the extension .cfg in its name and exists in the current directory.</p>
7730	<p>[SSL]Cannot read configuration file</p> <p><i>Cause</i> The specified configuration file is not readable.</p> <p><i>Action</i> Check the privileges of the specified configuration file.</p>
7731	<p>[SSL]Cannot create file inputstream.</p> <p><i>Cause</i> Internal error. An IOException occurred while trying to read from the proxy server configuration file.</p> <p><i>Action</i> Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.</p>
7732	<p>[SSL]Cannot read key/value pairs from stream into properties object.</p> <p><i>Cause</i> Internal error. An IOException occurred when trying to interpret the proxy server configuration file as a properties object.</p> <p><i>Action</i> Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.</p>
7733	<p>[SSL]Non-numerical value for port specified.</p> <p><i>Cause</i> A non-numeric value is specified for the Port parameter in the proxy server configuration file.</p> <p><i>Action</i> Check the Port parameter in the proxy server configuration file.</p>
7734	<p>[SSL]Non-numerical value for server port specified.</p> <p><i>Cause</i> The proxy server configuration file specified an invalid value for the ServerPort parameter.</p> <p><i>Action</i> Check the ServerPort parameter in the proxy server configuration file.</p>
7735	<p>[SSL]Non-numerical value for maximum number of connections specified.</p>

	<i>Cause</i>	The proxy server configuration file specified an invalid value for the MaxConnections parameter.
	<i>Action</i>	Check the MaxConnections parameter in the proxy server configuration file.
7736	[SSL]Non-numerical value for maximum packet size specified.	
	<i>Cause</i>	The proxy server configuration file specified an invalid value for the InitialPacketSize parameter.
	<i>Action</i>	Check the InitialPacketSize parameter in the proxy server configuration file.
7737	[SSL]Illegal value for LogLevel specified.	
	<i>Cause</i>	The proxy server configuration file specified an invalid value for the LogLevel parameter.
	<i>Action</i>	Check the LogLevel parameter in the proxy server configuration file.
7738	[SSL]Illegal value for TransferMode specified.	
	<i>Cause</i>	The proxy server configuration file specified an invalid value for the TransferMode parameter.
	<i>Action</i>	Check the TransferMode parameter in the proxy server configuration file.
7739	[SSL]Illegal administration port number specified.	
	<i>Cause</i>	The proxy server configuration file specified an illegal port number for the AdminPort parameter.
	<i>Action</i>	Check the AdminPort parameter in the proxy server configuration file.
7740	[SSL]Non-numerical value for administration port specified.	
	<i>Cause</i>	The proxy server configuration file specified a non-numeric value for the AdminPort parameter.
	<i>Action</i>	Check the AdminPort parameter in the proxy server configuration file.
7741	[SSL]Non-numerical value for backlog specified.	
	<i>Cause</i>	The proxy server configuration file specified a non-numeric value for the BackLog parameter.
	<i>Action</i>	Check the BackLog parameter in the proxy server configuration file.

7742	[SSL]Illegal backlog value specified.
<i>Cause</i>	An illegal value for the BackLog parameter is specified in the proxy server configuration file.
<i>Action</i>	Check the BackLog parameter in the proxy server configuration file.
7743	[SSL]Use different port number for administration port.
<i>Cause</i>	An attempt was made to use the same port number for the proxy server port (Port parameter) used for listening to incoming requests and the proxy server administration port (AdminPort parameter).
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the Port parameter in the proxy server configuration file. ■ Check the AdminPort parameter in the proxy server configuration file.
7744	[SSL]Fatal error occurred while receiving accept.
<i>Cause</i>	Internal error. An error occurred when accepting an incoming connection request.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7745	[SSL]Host name not found or empty in configuration file.
<i>Cause</i>	A server that is not a SequeLink Server has been specified using the proxy server Host parameter.
<i>Action</i>	Check the Host parameter in the proxy server configuration file. Make sure that it specifies a SequeLink Server.
7746	[SSL]Non-numerical value for close wait time specified.
<i>Cause</i>	The proxy server configuration file specified a non-numeric value for the CloseWaitTime parameter.
<i>Action</i>	Check the CloseWaitTime parameter in the proxy server configuration file.
7747	[SSL]Network read error in client read message length operation.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file name for more detailed error messages. If necessary, contact MERANT technical support.

7748	[SSL]Network read error in client read message operation.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7749	[SSL]End of input in client read message length operation.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7750	[SSL]End of input in client read message operation.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7751	[SSL]Network write error in client write operation.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7752	[SSL]Client message decoding failed.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7753	[SSL]Invalid client connection.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7754	[SSL]Closing client connection failed.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.

7755	[SSL]Internal error in client read message operation. <i>Cause</i> A non-fatal internal error occurred. <i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
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7756	[SSL]Network write error in client write SSL/TLS Alert message. <i>Cause</i> A non-fatal internal error occurred. <i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
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7757	[SSL]Network read error in server read message length operation. <i>Cause</i> A non-fatal internal error occurred. <i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
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7758	[SSL]Network read error in server read message operation. <i>Cause</i> A non-fatal internal error occurred. <i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
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7759	[SSL]Network read error in server read message length operation. <i>Cause</i> A non-fatal internal error occurred. <i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
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7760	[SSL]End of input in server read message operation. <i>Cause</i> A non-fatal internal error occurred. <i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
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7761	[SSL]Network write error in server write operation. <i>Cause</i> A non-fatal internal error occurred. <i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.

7762	[SSL]Server message decoding failed.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7763	[SSL]Invalid server connection.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7764	[SSL]Connection to server failed.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7765	[SSL]Closing server connection failed.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7766	[SSL]Internal error in server read message operation.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7767	[SSL]Network write error in server write SSL/TLS Alert message.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7768	[SSL]Cannot add connection object to connection list.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.

7769	[SSL]Graceful disconnection failed.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7770	[SSL]Data transfer between client and server already active.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7771	[SSL]State error.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7772	[SSL]Internal error: no data to process.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7773	[SSL]Could not allocate memory for send/receive buffer.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7774	[SSL]Could not start new thread.
<i>Cause</i>	A non-fatal internal error occurred.
<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7775	[SSL]Maximum number of simultaneous connections reached. Cannot add connection to connection list.
<i>Cause</i>	The maximum number of connections specified by the MaxConnections parameter in the proxy server configuration file has been reached.

	<i>Action</i>	Check the MaxConnections parameter in the proxy server configuration file. Increase the value of this parameter, if necessary.
7776	[SSL]Cannot create a connection list with a negative or zero number of maximum connections.	
	<i>Cause</i>	An illegal value is specified for the MaxConnections parameter in the proxy server configuration file.
	<i>Action</i>	Check the MaxConnections parameter in the proxy server configuration file.
7777	[SSL]Internal error: connection list state error.	
	<i>Cause</i>	A non-fatal internal error occurred.
	<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7778	[SSL]Could not start new thread.	
	<i>Cause</i>	A non-fatal internal error occurred.
	<i>Action</i>	Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.
7779	[SSL]Cannot create a dictionary for log file.	
	<i>Cause</i>	The directory specified by the LogDir parameter in the proxy server configuration file does not exist. An error occurred in an attempt to create the missing directory.
	<i>Action</i>	<ul style="list-style-type: none"> ■ Check the LogDir parameter in the proxy server configuration file. ■ Verify that the required file privileges are set. ■ If the previous actions do not resolve the problem, try to create the logging directory explicitly.
7780	[SSL]Cannot access log file.	
	<i>Cause</i>	The proxy server log file already exists and an error occurred when trying to read from or write to this file.
	<i>Action</i>	<ul style="list-style-type: none"> ■ Check the console of the proxy server machine for more detailed error messages. ■ Verify that the required file privileges are set. ■ Make sure that no other process is using the log file.
7781	[SSL]Seek in log file failed.	

	<p><i>Cause</i> An internal error occurred when processing an existing log file.</p> <p><i>Action</i> ■ Verify that the required file privileges are set. ■ Make sure that no other process is using the log file. ■ If the previous actions do not resolve the problem, contact MERANT technical support.</p>
7782	<p>[SSL]Get file descriptor failed.</p> <p><i>Cause</i> An internal error occurred when processing an existing log file.</p> <p><i>Action</i> ■ Verify that the required file permission are set. ■ Make sure that no other process is using the file. ■ If the previous actions do not resolve the problem, contact MERANT technical support.</p>
7783	<p>[SSL]Cannot create file outputstream.</p> <p><i>Cause</i> An error occurred when trying to write to the proxy server log file.</p> <p><i>Action</i> ■ Check the proxy server console for more detailed error messages. ■ Verify that the required file permissions are set.</p>
7784	<p>[SSL]Cannot create endpoint for proxy server administration.</p> <p><i>Cause</i> The Proxy server was unable to create the TCP/IP socket to listen for incoming administration requests. The proxy server may already be running or an invalid TCP/IP port may have been specified.</p> <p><i>Action</i> ■ Check the detailed exceptions. ■ Check the AdminPort parameter in the proxy server configuration file. ■ Make sure that a proxy server is not already running at the host.</p>
7785	<p>[SSL]Unknown operation requested by system administrator.</p> <p><i>Cause</i> A non-fatal internal error occurred.</p> <p><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact MERANT technical support.</p>
7786	<p>[SSL]Could not connect to proxy server: check if the proxy server was started.</p> <p><i>Cause</i> An attempt was made to stop a proxy server, but a proxy server was not found. The proxy server may already be stopped.</p> <p><i>Action</i> Make sure the proxy server is started before stopping it.</p>

7787	[SSL]Cannot create data output stream over socket.
<i>Cause</i>	An internal error occurred when trying to stop a running proxy server.
<i>Action</i>	Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7788	[SSL]Write to data output stream failed.
<i>Cause</i>	An internal error occurred when trying to stop a running proxy server.
<i>Action</i>	Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7789	[SSL]Write to data output stream failed.
<i>Cause</i>	An internal error occurred when trying to stop a running proxy server.
<i>Action</i>	Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7790	[SSL]Write to data output stream failed.
<i>Cause</i>	An internal error occurred when trying to stop a running proxy server.
<i>Action</i>	Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7791	[SSL]Unable to close end point.
<i>Cause</i>	An internal error occurred when trying to stop a running proxy server.
<i>Action</i>	Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7792	[SSL]Non-numerical value for port specified.
<i>Cause</i>	A non-numeric value was specified for the AdminPort parameter in the proxy server configuration file. The AdminPort parameter must have a numeric value.
<i>Action</i>	Check the AdminPort parameter in the proxy server configuration file.
7793	[SSL]Unknown local host.
<i>Cause</i>	An internal error occurred when trying to stop a running proxy server.
<i>Action</i>	Contact MERANT technical support.

7794	[SSL]Supply name of proxyserver. <i>Cause</i> Internal error. No name is specified when starting a proxy server. <i>Action</i> Contact MERANT technical support.
7795	[SSL]Cannot create data input stream over socket. <i>Cause</i> An internal error occurred when trying to stop a running proxy server. <i>Action</i> Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7796	[SSL]Network read error in read message length. <i>Cause</i> An internal error occurred when trying to stop a running proxy server. <i>Action</i> Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7797	[SSL]Network read error in read message length. <i>Cause</i> An internal error occurred when trying to stop a running proxy server. <i>Action</i> Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7798	[SSL]Internal error: IOException in read token operation. <i>Cause</i> An internal error occurred when trying to stop a running proxy server. <i>Action</i> Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7799	[SSL]Not an administration message. <i>Cause</i> The running proxy server received an administration request, but the message was not recognized. You may be trying to connect to the administration port. <i>Action</i> <ul style="list-style-type: none"> ■ Check the connection information configured at the SequeLink Client. ■ Check the AdminPort parameter in the proxy server configuration file.
7800	[SSL]Administration request only allowed from localhost. <i>Cause</i> An attempt was made to stop a proxy server running on another host.

	<i>Action</i>	You cannot stop a proxy server running on another host. Stop the proxy server from the host on which it is running.
7801	[SSL]Error while accepting incoming connection on administration port.	
	<i>Cause</i>	An internal error occurred when trying to stop a running proxy server.
	<i>Action</i>	Check the console of the proxy server machine for more detailed error messages. If necessary, contact MERANT technical support.
7802	[SSL]No administration listener started: could not stop proxy server.	
	<i>Cause</i>	An attempt was made to stop a proxy server that has no administration listener started.
	<i>Action</i>	Check the AdminPort parameter in the proxy server configuration file.
7803	[SSL]Proxy server with the name "<proxy server name>" already running.	
	<i>Cause</i>	A remote administration internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
7804	[SSL]Proxy server with name "<proxy server name>" is not running.	
	<i>Cause</i>	A remote administration internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
7805	[SSL]Error while starting proxy server: <proxy server name>.	
	<i>Cause</i>	A remote administration internal error occurred.
	<i>Action</i>	Contact MERANT technical support.
7806	[SSL]Error while stopping proxy server: <proxy server name>.	
	<i>Cause</i>	A remote administration internal error occurred.
	<i>Action</i>	Contact MERANT technical support.

7830	[SSL]Failed to load authentication provider class.
<i>Cause</i>	Internal error. A fatal error occurred when loading a specified provider class. Providers must be specified in the <code>com.merant.sequelink.slje.properties</code> properties file. At startup, all authentication providers are loaded in the order they are specified. If the provider class is not found, this provider is not installed. When a provider class is found, but an error occurred when loading it, this error message is returned.
<i>Action</i>	Check the detailed error message. If necessary, contact MERANT technical support.
7831	[SSL]Authentication provider "<provider class name>" has wrong type.
<i>Cause</i>	Internal error. A provider specified in the <code>com.merant.sequelink.slje.properties</code> properties file is not a sub-class of <code>com.merant.sequelink.auth.MGSSProvider</code> .
<i>Action</i>	Check the <code>com.merant.sequelink.slje.properties</code> properties file. If necessary, contact MERANT technical support.
7832	[SSL]No authentication provider specified or found.
<i>Cause</i>	No provider specified in the <code>com.merant.sequelink.slje.properties</code> properties file can be found.
<i>Action</i>	Check the <code>com.merant.sequelink.slje.properties</code> properties file. Make sure that the provider classes specified in this properties file are defined in the classpath. If necessary, contact MERANT technical support.
7833	[SSL]An unsupported mechanism was requested.
<i>Cause</i>	Internal error (standard MDSS error). No installed provider could support the requested authentication mechanism.
<i>Action</i>	Check the <code>com.merant.sequelink.slje.properties</code> properties file. Make sure that the provider classes specified in this properties file are defined in the classpath. If necessary, contact MERANT technical support.
7834	[SSL]An invalid name was supplied.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.

7835	[SSL]A supplied name was of an unsupported type.
<i>Cause</i>	Internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.

7836	[SSL]Incorrect channel bindings were supplied.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.

7837	[SSL]An invalid status code was supplied.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.

7838	[SSL]A token had an invalid MIC.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.

7839	[SSL]No credentials were supplied, or the credentials were unavailable or inaccessible.
<i>Cause</i>	Authentication failed because the supplied credentials (for example, user name or password) were incorrect or missing. The required credentials depend on the selected authentication mechanism.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the supplied authentication information (for example, user name or password). ■ Check which credentials the selected authentication mechanism expects.

7840	[SSL]Invalid context has been supplied.
<i>Cause</i>	Internal error (standard MGSS error). This is an internal error or an authentication state error.
<i>Action</i>	Contact MERANT technical support.

7841	[SSL]A supplied token was invalid.
<i>Cause</i>	An internal error (standard MGSS error) occurred. A token used during authentication between client and server was invalid. This is an internal error in the selected authentication mechanism or a mismatch between client and server authentication providers.
<i>Action</i>	Check the com.merant.sequelink.slje.properties properties file. If necessary, contact MERANT technical support.
7842	[SSL]A supplied credential was invalid.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7843	[SSL]The referenced credentials have expired.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7844	[SSL]The context has expired.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7845	[SSL]Miscellaneous failure, unspecified at the MGSS level.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7846	[SSL]The quality-of-protection requested could not be provided.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.

7847	[SSL]The operation is forbidden by local security policy.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7848	[SSL]The operation or option is unavailable
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7849	[SSL]The requested credential element already exists.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7850	[SSL]The provided name was not a mechanism name.
<i>Cause</i>	An internal error (standard MGSS error) occurred. Not used by the standard SequeLink authentication modules.
<i>Action</i>	Contact MERANT technical support.
7851	[SSI]Failed to create authentication provider instance.
<i>Cause</i>	A fatal error occurred when loading a specified provider class. Providers must be specified in the com.merant.sequelink.slje.properties properties file. At startup, all authentication providers are loaded in the order they are specified. If the provider class is not found, this provider is not installed. When a provider class is found, but an error occurred when instantiating this provider class, this message is returned.
<i>Action</i>	Check the detailed error messages and the com.merant.sequelink.slje.properties properties file. If necessary, contact MERANT technical support.
7852	[SSL]Server-side authentication is not supported by the authentication library.
<i>Cause</i>	Internal error. An attempt was made to use the Java authentication library in server mode.
<i>Action</i>	Contact MERANT technical support.

7853	[SSL]Authentication failed: <reason>.
<i>Cause</i>	An attempt to authenticate the client to a server has failed.
<i>Action</i>	Check the detailed exceptions.
7921	[SSL]Internal error.
<i>Cause</i>	Internal error in the SSL modules.
<i>Action</i>	Contact MERANT technical support.
7922	[SSL]The symbolic host name could not be resolved to an IP address.
<i>Cause</i>	The supplied server host name is unknown.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the server name. ■ Check the detailed error message.
7925	[SSL]Error creating SSL socket.
<i>Cause</i>	Internal error while setting up an SSL/TLS socket at the client (or proxy) server.
<i>Action</i>	Check the detailed error messages. If necessary, contact MERANT technical support.
7926	[SSL]Error closing SSL socket.
<i>Cause</i>	Internal error while closing up an SSL/TLS socket at the client (or proxy) server.
<i>Action</i>	Check the detailed error messages. If necessary, contact MERANT technical support.
7927	[SSL]Error receiving accept.
<i>Cause</i>	An internal error occurred while closing an SSL/TLS socket at the SequeLink Client (or proxy) server.
<i>Action</i>	Check the detailed error messages to troubleshoot the problem. If the error still occurs, contact MERANT technical support.

7929	[SSL]The cipher suite "<cipher suite>" is not supported.
<i>Cause</i>	The client or the proxy server specified an unsupported cipher suite. NOTE: "exportable" cipher suites are not supported by this release of SequeLink. Use the corresponding cryptographic strong cipher suite.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CipherSuites connection parameter at the client. ■ Check the CipherSuites parameter in the proxy server configuration file.

7930	[SSL]The cipher suite "<cipher suite>" is unknown.
<i>Cause</i>	The client or the proxy server specified an unknown cipher suite.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CipherSuites connection parameter at the client. ■ Check the CipherSuites parameter in the proxy server configuration file.

7931	[SSL]No cipher suite has been specified.
<i>Cause</i>	No cipher suite has been specified by the client or the proxy server.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CipherSuites connection parameter. ■ Check the CipherSuites parameter in the proxy server configuration file.

7932	[SSL]Problem reading files required for certificates.
<i>Cause</i>	An error occurred while reading the specified certificate by the proxy server.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the detailed error messages. ■ Check the RSACertificate parameter in the proxy server configuration file. ■ Check the DSSCertificate parameter in the proxy server configuration file.

7934	[SSL]Certificate Checker class not found.
<i>Cause</i>	The user supplied class implementing the Certificate Checker interface was not found in the classpath by the SequeLink Client.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CertificateChecker connection parameter. ■ Check if the specified certificate checker is in the client's classpath.

7937	[SSL]Unexpected IOException occurred while reading the pass phrase. <i>Cause</i> An internal error occurred while reading the pass phrase from the console when starting the proxy server. <i>Action</i> ■ Supply the pass phrase using the pass phrase dialog. ■ Contact MERANT technical support.
7938	[SSL]Unexpected Exception occurred while decrypting the private key, probable cause: invalid pass phrase. <i>Cause</i> An error occurred while reading an unencrypted pass phrase. When the pass phrase parameter in the proxy server configuration file is empty, the private key is interpreted as unencrypted. <i>Action</i> ■ Check the RSAPrivateKey parameter in the proxy server configuration file. ■ Check the DSSPrivateKey parameter in the proxy server configuration file. ■ Check the PassPhrase parameter in the proxy server configuration file.
7939	[SSL]Unexpected IOException occurred while reading the private key, probable cause: invalid pass phrase. <i>Cause</i> An error occurred when reading and decrypting the encrypted private key. A possible reason is that the supplied pass phrase with the proxy server startup is different from the pass phrase used to encrypt the private key. <i>Action</i> ■ Check the RASPrivateKey parameter in the proxy server configuration file. ■ Check the DSSPrivateKey parameter in the proxy server configuration file. ■ Check the PassPhrase parameter in the proxy server configuration file.
7940	[SSL]A ciphersuite that requires an RSA certificate and a ciphersuite that requires a DSS certificate cannot be supplied at the same time. <i>Cause</i> An attempt was made to start the proxy server with a cipher suite list that contains both cipher suites which require an RSA certificate and cipher suites which require a DSS certificate. It is not possible to mix both families of cipher suites. <i>Action</i> Check the CipherSuites parameter in the proxy server configuration file.

7942	[SSL]A ciphersuite requires a DSS certificate that was not supplied.
<i>Cause</i>	An attempt was made to start the proxy server with a cipher suite list that contains a cipher suite which requires a DSS certificate, but no such certificate file has been specified.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CipherSuites parameter in the proxy server configuration file. ■ Check the DSSCertificate parameter in the proxy server configuration file.

7943	[SSL]A ciphersuite requires a DSS privatekey that was not supplied.
<i>Cause</i>	An attempt was made to start the proxy server with a cipher suite list that contains a cipher suite which requires a DSS private key, but no such private key file has been specified.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CipherSuites parameter in the proxy server configuration file. ■ Check the DSSPrivateKey parameter in the proxy server configuration file.

7944	[SSL]A ciphersuite requires an RSAA certificate that was not supplied.
<i>Cause</i>	An attempt was made to start the proxy server with a cipher suite list that contains a cipher suite which requires an RSA certificate, but no such certificate file has been specified.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CipherSuites parameter in the proxy server configuration file. ■ Check the RSACertificate parameter in the proxy server configuration file.

7945	[SSL]A ciphersuite requires an RSA privatekey that was not supplied.
<i>Cause</i>	An attempt was made to start the proxy server with a cipher suite list that contains a cipher suite which requires an RSA private key, but no such private key file has been specified.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the CipherSuites parameter in the proxy server configuration file. ■ Check the RSAPrivateKey parameter in the proxy server configuration file.

7946	[SSL]An unnecessary RSA certificate was supplied.
<i>Cause</i>	An attempt was made to start the proxy server with an RSA certificate, but SSL is not enabled or no cipher suite from the specified cipher suite list requires an RSA certificate.
<i>Action</i>	<ul style="list-style-type: none">■ Check the Network parameter in the proxy server configuration file.■ Check the CipherSuites parameter in the proxy server configuration file.■ Check the RSACertificate parameter in the proxy server configuration file.

7947	[SSL]An unnecessary RSA privatekey was supplied.
<i>Cause</i>	An attempt was made to start the proxy server with an RSA private key, but SSL is not enabled or no cipher suite from the specified cipher suite list requires an RSA private key.
<i>Action</i>	<ul style="list-style-type: none">■ Check the Network parameter in the proxy server configuration file.■ Check the CipherSuites parameter in the proxy server configuration file.■ Check the RSAPrivateKey parameter in the proxy server configuration file.

7948	[SSL]An unnecessary DSS certificate was supplied.
<i>Cause</i>	An attempt was made to start the proxy server with a DSS certificate, but SSL is not enabled or no cipher suite from the specified cipher suite list requires a DSS certificate.
<i>Action</i>	<ul style="list-style-type: none">■ Check the Network parameter in the proxy server configuration file.■ Check the CipherSuites parameter in the proxy server configuration file.■ Check the DSSCertificate parameter in the proxy server configuration file.

7949	[SSL]An unnecessary DSS privatekey was supplied.
<i>Cause</i>	An attempt was made to start the proxy server with a DSS private key, but SSL is not enabled or no cipher suite from the specified cipher suite list requires a DSS private key.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the Network parameter in the proxy server configuration file. ■ Check the CipherSuites parameter in the proxy server configuration file. ■ Check the DSSPrivateKey parameter in the proxy server configuration file.

7950	[SSL]An unnecessary value for the UsePassPhraseDialog was supplied.
<i>Cause</i>	The proxy server is started without SSL enabled or only anonymous cipher suites; therefore, a pass phrase does not need to be supplied.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the UsePassPhraseDialog parameter in the proxy server configuration file. ■ Check the Network parameter in the proxy server configuration file. ■ Check the CipherSuites parameter in the proxy server configuration file.

7951	[SSL]An unnecessary pass phrase was supplied.
<i>Cause</i>	The proxy server is started without SSL enabled or only anonymous cipher suites; therefore, a pass phrase does not need to be supplied.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the PassPhrase parameter in the proxy server configuration file. ■ Check the Network parameter in the proxy server configuration file. ■ Check the CipherSuites parameter in the proxy server configuration file.

7952	[SSL]You cannot use PassPhrase and UsePassPhraseDialog together.
<i>Cause</i>	The pass phrase required to decrypt the private key from the proxy server is specified in the proxy server configuration. It is unnecessary to prompt the user (using a dialog box or the console) for the pass phrase.
<i>Action</i>	<ul style="list-style-type: none"> ■ Check the UsePassPhraseDialog parameter in the proxy server configuration file. ■ Check the PassPhrase parameter in the proxy server configuration file.

7954	[SSL]Unexpected InterruptedException occurred while reading the pass phrase.
<i>Cause</i>	An internal error occurred when requesting the user for the proxy server pass phrase using a dialog box.
<i>Action</i>	Contact MERANT technical support.

7955	[SSL]SSL/TLS handshake failure.
<i>Cause</i>	The client attempted to make an SSL connection to the proxy server, but an error occurred during the initial SSL connection setup.
<i>Action</i>	<ul style="list-style-type: none">■ Check the CipherSuites client connection attribute and the corresponding parameter in the proxy server configuration file.■ Check the CertificateChecker client connection attribute.■ Check the proxy server log file for more detailed error information.

7956	[SSL]Input of pass phrase interrupted by user.
<i>Cause</i>	Because the proxy server is configured to use SSL with cipher suites that require access to the private key, the proxy server prompts at startup for the pass phrase to use to decrypt the private key. This operation has been cancelled from the dialog by the user.
<i>Action</i>	<ul style="list-style-type: none">■ Check the Network parameter in the Proxy Server configuration file.■ Check the CipherSuites parameter in the Proxy Server configuration file.

Part 3: OS/390 Log Messages and Reference

This part contains the following chapters:

- [Chapter 7 “Overview of OS/390 Log Messages” on page 179](#) describes how OS/390 log messages are organized and formatted.
- [Chapter 8 “OS/390 Messages and Descriptions” on page 183](#) lists OS/390 log messages that may be generated and provides a description for each message.
- [Chapter 9 “SAS/C Runtime Library Messages” on page 261](#) describes how SequeLink Server and SequeLink Manager report messages generated by the SAS/C run-time library.

7 Overview of OS/390 Log Messages

This chapter describes how OS/390 log messages are organized and formatted, including:

- Message categories and system modules that generate them
- Severity ratings
- Message descriptions

Message Categories and System Modules

The messages written to the primary and secondary log files can be generated by SequeLink Server or by the SequeLink Server DB2 service. Some messages provide information about events in various parts of the system; others report where errors have occurred.

OS/390 log messages are divided into sections and organized by message categories. [Table 7-1](#) lists the categories of messages and the system modules associated with them.

Table 7-1. Log Message Categories and System Modules

Message Category	System Module
CPU monitor	VAICCPUT
Messaging component	VAICLMSG
Operator interface	VAICOPRI
Server controller task	VAISMAIN

Table 7-1. Log Message Categories and System Modules *(cont.)*

Message Category	System Module
SMF interface	SMFINTF
TCP/IP, NIM interface	VAIXMAIN

SequeLink errors are not logged in the log files. Information about these error codes can be found in [Chapter 5 “Overview of Error Codes and Messages”](#) on page 61.

Message Severity

OS/390 log messages have six severity levels. These severity levels, listed in order of least severe to most severe are:

- Information
- Warning
- Trace
- Error
- Severe
- Fatal

Message Descriptions

Each OS/390 log message contains the following information:

Severity:	This is the security level of the message.
Explanation:	This indicates the most probable reason for the message.
System action:	This summarizes how the system reacts to the message.
User response:	This indicates the action you should take.

8 OS/390 Messages and Descriptions

This chapter lists OS/390 log messages that you may see in the primary or secondary log files.

Operator Interface Messages

This section contains OS/390 log messages generated by VAICOPRI, which handles operator interface processing.

VAIC100I Unknown operator command type (not modify or stop) - Probable internal error.

Severity: Information

Explanation: The operator interface component of the server system received an unknown command type from an operator's console.

System action: Processing continues; the command is ignored.

User response: This is an internal error. Report this message to MERANT technical support.

VAIC101T Command in: command.

Severity: Trace

Explanation: The operator interface component of the server system received the specified command from either the operator's console or from an II user.

System action: Not applicable.

User response: None.

- VAIC102I** Parse failure on operator command ... format expected is: ROUTID VERB F1=..fld.. F2=..fld.. etc.
- Severity: Information
- Explanation: The operator interface component of the server system received an incorrect command from the operator's console or from an II user. The command received did not follow the expected format.
- System action: The entered command is ignored.
- User response: Check the syntax of the command and reenter the correct command.
- VAIC103I** Command indicated an unsupported ROUTE ID.
- Severity: Information
- Explanation: The operator interface component of the server system received an incorrect command from the operator's console or from an II user. The command received contained an invalid route or component ID.
- System action: The entered command is ignored.
- User response: Check the syntax of the command and reenter the correct command.
- VAIC104I** Command indicated an unsupported verb verbname.
- Severity: Information
- Explanation: The operator interface component of the server system received an incorrect command from the operator's console or from an II user. The command contained an invalid verb.
- System action: The entered command is ignored.
- User response: Check the syntax of the command and reenter the correct command.
- VAIC105I** Required parameter field missing from command.
- Severity: Information
- Explanation: The operator interface component of the server system received an incorrect command from the operator's console or from an II user. The command that was entered had a required field missing.
- System action: The entered command is ignored.

User response: Check the syntax of the command and reenter the correct command.

VAIC106I Unknown parameter field in command.

Severity: Information

Explanation: The operator interface component of the server system received an incorrect command from the operator's console or from an II user. The command that was entered included an unknown field.

System action: The entered command is ignored.

User response: Check the syntax of the command and reenter the correct command.

VAIC107I Extraneous parameter name in command.

Severity: Information

Explanation: The operator interface component of the server system received an incorrect command from the operator's console or from an II user. The command that was entered included an unknown parameter (parameter name).

System action: The entered command is ignored.

User response: Check the syntax of the command and reenter the correct command.

VAIC108I Command parameter field exceeds maximum length.

Severity: Information

Explanation: The operator interface component of the server system received an incorrect command from the operator's console or from an II user. The command that was entered included a parameter field with a length which exceeded the maximum allowed.

System action: The entered command is ignored.

User response: Check the syntax of the command and reenter the correct command.

- VAIC109T** ** Command accepted for routing (CONSOLE ID = ID).
- Severity: Trace
- Explanation: The operator interface component of the server system received a command from the operator's console or from an II user. The command passed all validity checking by the operator interface component. The command originated from the console identified by the stated console ID.
- System action: Not applicable.
- User response: None.
- VAIC110I** Unrecognized parameter field(s) in command.
- Severity: Information
- Explanation: The operator interface component of the server system received a command from the operator's console or from an II user. The command that was entered included an unknown parameter.
- System action: The entered command is ignored.
- User response: Check the syntax of the command and reenter the correct command.
- VAIC111S** Not able to assign command buffer - internal error.
- Severity: Severe
- Explanation: The operator interface component of the server system received a command from the operator's console or from an II user. The operator interface (VAICOPRI) was unable to assign a storage buffer to the command.
- System action: The entered command is ignored.
- User response: This is an internal error. Report this message to MERANT technical support.
- VAIC112F** VAICOPRI - Error processing SIL parameter (*MAXCMDBF*) - Terminating.
- Severity: Fatal
- Explanation: The operator interface component of the server system rejected the MAXCMDBF parameter within the server's SIL.
- System action: The server system abends with an abend code of U146.

User response: Check the MAXCMDBF parameter in the SIL. The value should be in the range of 5 to 20. Correct the error, and restart the server.

VAIC113F VAICOPRI - Error loading VAICOPRI-VAICCMDS - Terminating.

Severity: Fatal

Explanation: The operator interface component of the server system failed in its attempt to load one of its external routines.

System action: The server system abends with an abend code of U146.

User response: Verify the integrity of the server's executable library. Recover the library from a backup tape, if necessary. Contact MERANT technical support for assistance, if you are unable to correct the library failure.

VAIC114S VAICOPRI -TACB search for COMPONENT component ID failed - command ignored.

Severity: Severe

Explanation: The operator interface component of the server system received a command from the operator's console or from an II user. The command contained the stated route or component ID, but the system could not locate a corresponding component.

System action: The entered command is ignored.

User response: Ensure that the component ID specified in the command is currently enabled within your Server system. If the specified component is enabled and you still receive this message, contact MERANT technical support.

VAIC115I Operator interface initialization completed OK.

Severity: Information

Explanation: The operator interface component of the server system successfully completed initialization.

System action: The operator interface component will accept control commands.

User response: None.

- VAIC116T** Operator interface active.
- Severity: Trace
- Explanation: The operator interface component of the server is acknowledging that a heartbeat interval (as defined in the TIMEINTV parameter in the SIL) has elapsed and that the server is still active.
- System action: Not applicable.
- User response: None.
- VAIC117E** You are not authorized to issue command.
- Severity: Error
- Explanation: You have attempted to issue an operator command for which you have inadequate authorization.
- System action: The command is ignored.
- User response: If necessary, ask your system administrator to update your security access.
- Refer to the *SequeLink Administrator's Guide* for information about different types of security access.
- VAIC118I** CommandPrefix character(s) missing or blank.
- Severity: Information
- Explanation: Specifying a non-blank CRC causes the SSI to be activated. This message informs you that the SSI will be inactive because the CommandPrefix character (CP) was either omitted from the DataModel or specified as blank.
- System action: The SequeLink or OS/390 SSI is not activated.
- User response: The default CP is blank, meaning the SSI will *not* be activated if the CP is not explicitly specified in the DataModel. If the SSI is to be activated, specify a non-blank DataModel CP value and restart SequeLink or OS/390.
- VAIC119I** SSID missing/blank or has an invalid Length.
- Severity: Information
- Explanation: The SequeLink or OS/390 subsystem ID (SSID) was either omitted from SYSINI or specified as blank.
- System action: The SequeLink or OS/390 SSI is not activated.

User response: If the SSI is to be activated, correct the SYSINI SSID value and restart SequeLink or OS/390.

VAIC120E SSI SSCT construction failure.

Severity: Error

Explanation: During initialization of the SequeLink or OS/390 SSI, an error occurred attempting to construct the SSCT structure. The most probable reason is CSA space could not be obtained.

System action: The SequeLink or OS/390 SSI is not activated.

User response: Report this error to MERANT technical support.

VAIC121E SSI activation failure.

Severity: Error

Explanation: Activation of the SequeLink or OS/390 SSI was unsuccessful.

System action: The SequeLink or OS/390 SSI is not activated.

User response: This message is usually preceded by either VAIC124E or VAIC126E; check that message for the appropriate action. Otherwise, contact MERANT technical support.

VAIC122I CommandPrefix(pppppppp) used for SubSystem(ssss).

Severity: Information

Explanation: Messages showing information about Subsystem Interface setup, where:

ssss – Is the Subsystem Name

pppppppp – Is the CommandPrefix

System action: Not applicable.

User response: None.

VAIC123E SSI (ssss) is in use by another SequeLink for OS/390.

Severity: Error

Explanation: SequeLink for OS/390 SSI initialization detected an active SSI (SSid) for the SSID specified in the SYSINI. SequeLink Server starts up normally, but the command recognition character cannot be used to issue SequeLink commands. Change the SYSINI and use an available SSID.

System action: None.

User response: None.

VAIC124E SSI(ssss) not associated with SequeLink MVS.

Severity: Error

Explanation: SubsystemName ssss already in use by another Subsystem.

System action: None.

User response: Choose another SubsystemName for use by SequeLink.

VAIC126E Invalid CommandPrefix(pppp) for Subsystem(ssss), rc=xx reason=yy.

Severity: Error

Explanation: SubsystemName ssss already in use by another Subsystem.

System action: None.

User response: Probably *pppp* is a subset of an existing CommandPrefix. Use MVS 'DISPLAY OPDATA' command to check this. Also, see the OS/390 CPF macro for rc and reason codes.

SMF Interface Messages

This section contains OS/390 log messages generated by SMFINTF, which handles SMF interface tasks.

VAIC300E Unable to obtain storage for SMF write.

Severity: Error

Explanation: GETMAIN failed for SMF record buffer.

System action: SMF record is not written to the SMF dataset.

User response: Report this message to MERANT technical support.

VAIC301E SMF write failed with RC=x return code

Severity: Error

Explanation: SMFWTM macro failed with the displayed return code.

System action: SMF record is not written to the SMF dataset.

User response: Report this message to MERANT technical support.

DB2 Application Support Package Messages

This section contains OS/390 log messages generated by DB2ASP modules. DB2ASP handles the server DB2 access.

- VAID000I

Successful connection to DB2(ssss).

Severity: Information

Explanation: SequeLink or OS/390 is connected to DB2 address space "ssss" (DB2 subsystem ID) and ready to accept DB2 session requests.

System action: None.

User response: None.
- VAID001I

DB2(ssid) initialization completed, yyyy attachment.

Severity: Information

Explanation: Initialization to DB2 subsystem completed using either CAF or RRSAP attachment.

System action: None.

User response: None.
- VAID002T

VAICDB2R is alive and well.

Severity: Trace

Explanation: DB2 root task responding normal at every TimerInterval.

System action: None.

User response: None.
- VAID003I

DB2 (ifid) is now active.

Severity: Information

Explanation: DB2ASP has detected that the previously inactive DB2 system ifid (DB2 interface ID) has now become active.

System action: The SequeLink or OS/390 DB2 environment is initialized.

User response: DB2 session requests will now be permitted.

- VAID004I** DB2 (*ifid*) is terminating.
- Severity: Information
- Explanation: DB2ASP has detected that DB2 *ifid* is about to terminate.
- System action: All current DB2 sessions will be aborted and DB2ASP will proceed according to the SYSINI DB2STOPOPT specification.
- User response: None.
- VAID005E** Connection to DB2(ssss) failed. R15=X'rc'. R0=X'reason'.
- Severity: Error
- Explanation: Connection to DB2 address space "ssss" failed. "rc" and "reason" are the return/reason codes for the failure.
- System action: If the error is "DB2 inactive", DB2ASP will enter a dormant state and wait for DB2 to come back up. Any other error causes DB2ASP to terminate with RC=08. Note that this message will *always* be issued when DB2ASP has detected that DB2 has gone inactive, *and* the user wants to maintain the connection to the DB2 address space (DB2STOPOPT is "LEAVE").
- User response: Situation-dependent.
- VAID006I** Waiting for DB2(ssss) to become active.
- Severity: Information
- Explanation: DB2ASP is waiting for DB2 "ssss" to become active. Issued after message VAID005E when the error was "DB2 inactive".
- System action: DB2ASP enters a dormant state and waits for DB2 "ssss" to become active.
- User response: Start-up DB2 address space "ssss".
- VAID007E** Disconnection to DB2(ssss) failed. R15=X'rc'.R0=X'reason'.
- Severity: Error
- Explanation: Disconnection from DB2 address space "ssss" failed. "rc" and "reason" are the return/reason codes for the failure.
- System action: DB2ASP continues, but this may be a serious error.
- User response: Contact MERANT technical support.

VAID008E	Datamodel - aaaaaaaaaaaaaaaaa syntax error.	
	Severity:	Error
	Explanation:	Required Datamodel attribute for this DB2 root task is missing or has a syntax error - aaaaaaaaa describes the attribute.
	System action:	No attachment is set up to the corresponding DB2 subsystem.
VAID010E	User response:	Correct or supply missing attribute in the DataModel and restart the server.
	Abnormal termination detected in DB2 (ifid) thread manager- DB2ASP terminating.	
	Severity:	Error
	Explanation:	The DB2ASP thread manager (VAICDB2T) of DB2 interface ifid abnormally terminated.
VAID012E	System action:	DB2ASP terminates with RC=08.
	User response:	Contact MERANT technical support.
	Syntax error/invalid value in DB2ASP command.	
	Severity:	Error
	Explanation:	DB2ASP operator request contained a syntax error or the parameter value was rejected.
	System action:	Self-explanatory.
	User response:	Correct the command and re-enter.

VAID014E Tttttttt - Error detected in VAICDB2I - <error description>

Severity: Error

Explanation: This message is an internal error. <error description> shows one of the errors:

- "No valid TACBUID2"
- "No DB2Plan passed"
- "No DBWA for Service"
- "Wrong DB2attachment"
- "DB2 not active"

System action: None.

User response: If "DB2 not active", start DB2. For all other cases, this is an internal error. Contact technical support.

VAID024I *UserID Thread# Service Plan Net Stat SQLcalls*

VAID025I

Severity: Information

Explanation: The following information is displayed when a DB2 STATUS command is issued:

- *UserID*—client userid
- *Thread#*—thread number
- *Service*—service requested by client
- *Plan*—DB2 plan being used
- *Net*—network platform (TCP or APPC)
- *Stat*—thread status:
- *OPEN*—thread is open.
- *DISC*—thread is disconnected.
- *CLOS*—thread is closed.
- *RLSE*—thread is eligible for release (reuse).
- *WAIT*—thread is waiting for an available thread.
- *SQLcalls*—number of SQL calls issued by the session.

NOTE: This field will always be OPEN if thread management is inactive.

VAID027I Connection to DB2(ssss) is ccccc, DB2 STOPOPT is ooooo.

Severity: Information

Explanation: This message is displayed when a DB2 STATUS command is issued.

ssss - is the subsystem ID of the DB2 address space

cccc - is either ACTIV or INACT

oooo - is the DB2 stop option specified in the SYSINI.

System action: None.

User response: None.

VAID028I Already connected to DB2-request ignored.

Severity: Information

Explanation: An operator issued a DB2 CONNECT command, but SequeLink or OS/390 was already connected to the DB2 address space.

System action: Command ignored.

User response: None.

VAID029I Already disconnected from DB2-request ignored.

Severity: Information

Explanation: An operator issued a DB2 DISCONNECT command, but SequeLink or OS/390 was already disconnected from the DB2 address space.

System action: Command ignored.

User response: None.

VAID030I Issuing DB2 cccccccc per operator request.

Severity: Information

Explanation: DB2ASP is executing DB2 request "ccccccc" (CONNECT or DISCONN) in response to an operator request.

System action: DB2 request "ccccccc" is issued.

User response: None.

VAID031I ID (*ifid*) is an unknown DB2 interface.

Severity: Information

Explanation: DB2 interface ID "*ifid*" is not known.

System action: The DB2 command is ignored.

User response: Correct "*ifid*" and reissue the command.

- VAID032I** Db2 interface (*ifid*) is currently busy.
Severity: Information
Explanation: DB2 interface "*ifid*" is temporarily unable to process the requested DB2ASP command.
System action: The DB2ASP command is ignored.
User response: Reissue the command.
- VAID033E** Syntax error/invalid value in DB2ASP command.
Severity: Error
Explanation: DB2ASP command contains invalid data.
System action: Command is ignored.
User response: User correct syntax for DB2ASP command.
- VAID034I** There are no configured DB2 interfaces.
Severity: Information
Explanation: A DB2 SHOW command detected no DB2 interfaces.
System action: None.
User response: None.
- VAID035I** DB2 interface (*ifid*) associated with (*ssid*).
Severity: Information
Explanation: Normal output of a DB2 SHOW command.
System action: None.
User response: None.
- VAID036F** Db2 module *mmmmmm* not loaded for Interface *dddd*.
Severity: Fatal
Explanation: DB2ASP command contains invalid data.
System action: Abend Server abend code User 801.
User response: Check that the correct DB2 Load Libraries are Concatenated to DD statement DB2ifid and are for the correct DB2 version.
- VAID037I** Server ASID(*asid/asidx*) DB2 version (*xxxx*), Attachment(*aaaaa*).
Severity: Information

Explanation: This message is issued when DB2 STATUS command is entered, and is preceded by VAID027I message.

System action: None.

User response: None.

VAID038W ATTACHMENT=RRSAF incompatible with DB2 (xxxx), CAF substituted.

Severity: Warning

Explanation: RRSAF attachment requested, see GlobalDB2attachment attribute in DataModel, but RRSAF is incompatible with the current DB2 version.

System action: Use CAF attachment to DB2.

User response: Change GlobalDB2attachment to CAF.

VAID039I xxxx waiting for RRS/MVS to become active.

Severity: Information

Explanation: RRSF attachment requires RRS to be active.

System action: Server continues initialization, but DB2 services will not be available.

User response: Either use CAF attachment, or activate RRS.

VAID040T Tracing Information - not documented.

Severity: Trace

Explanation: Internal use.

System action: None.

User response: None.

VAID041T Tracing Information - not documented.

Severity: Trace

Explanation: Internal use.

System action: None.

User response: None.

```
VAID042E      cccccc Command ignored - tttttttttttttttttttttttttttttttttt
```

Severity: Error

Explanation: RRS RELEASE or LIST command has been ignored for reason *xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx*.

System action: The command is ignored.

User response: Correct the command.

VAID043T *Tttttttt* - CorrelationId(cccccc) Primary/SecondaryAuthId(authid)
ACEE(aaaaaaaaa) AccntTk(tttttt).

Severity: Trace

Explanation: Auth_Signon RRSF call parameters for connection
Tttttttt.

System action: None.

User response: None.

VAID044T Tracing Information - not documented.

Severity: Trace

Explanation: Internal use.

System action: None.

User response: None.

VAID045T Tracing Information - not documented.

Severity: Trace

Explanation: Internal use.

System action: None.

User response: None.

VAID046T *Tttttttt* - DB2 abend(-----) ReasonCode(rrrrrrrr) trapped in DB2SQL
transformed as SQLCODE(-999) to application.

Severity: Trace

Explanation: DB2 abended with S04E/S04F abend, with
reasoncode(rrrrrrrr). The Unit of Work (EOW) for
connection *tttttttt* will be rolled back.

System action: The UOW will be rolled back. The connection will end.

User response: Refer to the reason code in your DB2 documentation for
the recommended user response.

VAID100E VAICXIDM abended.

Severity: Error

Explanation: The RRS operator command executor abended.

System action: The RRS operator command is not executed.

User response: Contact MERANT technical support.

VAID101I *ThreadId UR identifier UR state.*

Severity: Information

Explanation: This message is always generated as the title for the RRS LIST command report output.

System action: Processing continues normally.

User response: None.

VAID102E *ThreadId UR identifier UR state.*

Severity: Error

Explanation: A stored procedure abended.

System action: The stored procedure is not executed and the service returns the SQL code.

User response: Correct the stored procedure.

VAID103W *ThreadId UR identifier UR state.*

Severity: Warning

Explanation: The explanation depends on the exact nature of the problem.

System action: The system action depends on the exact nature of the problem.

User response: The user response depends on the exact nature of the problem.

VAID104I *ThreadId UR identifier UR state.*

Severity: Information

Explanation: The explanation depends on the exact nature of the problem.

System action: The system action depends on the exact nature of the problem.

User response: The user response depends on the exact nature of the problem.

VAID105T *ThreadId UR identifier UR state.*

Severity: Trace

Explanation: The explanation depends on the exact nature of the problem.

System action: The system action depends on the exact nature of the problem.

User response: The user response depends on the exact nature of the problem.

Multi-Platform Log Messages

Some log messages are generated by a Service Task, and are not platform-specific. These messages begin a service name and in some cases a threadid, followed by the name of the service and a specific error message.

See [Chapter 6, "Error Messages," on page 69](#) for the specific details on the error code.

VAIL021E

Tnnnnnnn—*ServiceName@Hostname*>,ErrorCode=<xxxx>,
ErrorMessage=<ttttttttt>.

Severity:

Error

Explanation:

This is a generic message that is used for different purposes. Several examples follow.

VAIL021E Procedure sssssssssssssssss abended - reason code=X'00000001'

Severity:

Error

Explanation:

A stored procedure abended.

System action:

The stored procedure is not executed and the service returns the SQL code.

User response:

Correct the stored procedure.

VAIL021E Open thread failed - reason code=X'00000002' DB2 reason code X'xxxxxxx'

Severity:

Error

Explanation:

The thread to DB2 could not be opened.

System action:

The user will not be connected to DB2.

User response:

Look at the DB2 reason code and apply the System Programmer Response.

VAIL021E DB2 info failed- reason code=X'00000003' DB2 reason code reason code=X'xxxxxxx'

Severity:

Error

Explanation:

The server cannot CONNECT/IDENTIFY to DB2.

System action: The user will not be connected to DB2.

User response: Look at the DB2 reason code and apply the System Programmer Response.

VAIL022W Tnnnnnnn—*ServiceName@Hostname*>, ErrorCode=<xxxx>, ErrorMessage=<ttttttttt>.

Severity: Warning

Explanation: The explanation depends on the exact nature of the failure.

System action: The system action depends on the exact nature of the failure.

User response: The user response depends on the exact nature of the failure.

VAIL023I Tnnnnnnn—*ServiceName@Hostname*>, ErrorCode=<xxxx>, ErrorMessage=<ttttttttt>.

Severity: Information

Explanation: The explanation depends on the exact nature of the failure.

System action: The system action depends on the exact nature of the failure.

User response: The user response depends on the exact nature of the failure.

VAIL024T Tnnnnnnn—*ServiceName@Hostname*>, ErrorCode=<xxxx>, ErrorMessage=<ttttttttt>.

Severity: Trace

Explanation: The explanation depends on the exact nature of the failure.

System action: The system action depends on the exact nature of the failure.

User response: The user response depends on the exact nature of the failure.

VAIL109T Thrldid(*tttttttt*) SAPI passing control to Application.

Severity: Trace

Explanation: After the worker thread was initialized, control was passed to the application.

System action: None.

User response: None.

VAIM001E <service name>@<hostname>,ErrorCode=<xxxx>, ErrorMessage=<text>.

Severity: Error

Explanation: The explanation depends on the exact nature of the failure.

System action: The operation fails.

User response: The user response depends on the exact nature of the failure.

Monitor Messages

This section contains OS/390 log messages generated by the VAICMNDM core task. VAICMNDM tasks read the SequeLink configuration file from disk, and process events using the active profile definitions. Messages beginning with VAIM are generated by the Monitor Task.

VAIM001E	<service name>@<hostname>,ErrorCode=<xxxx>, ErrorMessage=<text>.
Severity:	Error
Explanation:	This message can be displayed on several platforms. See Chapter 6, "Error Messages," on page 69 for the specific details on the error code.
System action:	The operation fails.
User response:	The user response depends on the exact nature of the failure.
VAIM002W	Tnnnnnnn—ServiceName@Hostname>,ErrorCode=<xxxx>, ErrorMessage=<ttttttttt>.
Severity:	Warning
Explanation:	This message can be displayed on several platforms. See Chapter 6, "Error Messages," on page 69 for the specific details on the error code.
System action:	The system action depends on the exact nature of the failure.
User response:	The user response depends on the exact nature of the failure.
VAIM003I	Tnnnnnnn—ServiceName@Hostname>,ErrorCode=<xxxx>, ErrorMessage=<ttttttttt>.
Severity:	Information
Explanation:	This message can be displayed on several platforms. See Chapter 6, "Error Messages," on page 69 for the specific details on the error code.

	System action:	The system action depends on the exact nature of the failure.
	User response:	The user response depends on the exact nature of the failure.
VAIM004T	Tnnnnnnn—ServiceName@Hostname>,ErrorCode=<xxxx>, ErrorMessage=<ttttttttt>.	
	Severity:	Trace
	Explanation:	This message can be displayed on several platforms. See Chapter 6, “Error Messages,” on page 69 for the specific details on the error code.
	System action:	The system action depends on the exact nature of the failure.
	User response:	The user response depends on the exact nature of the failure.
VAIM005E	<text>.	
	Severity:	Error
	Explanation:	This is a general error message. The text shows the specific details of a failing system function.
	System action:	The operation fails.
	User response:	The user response depends on the exact nature of the failure.
VAIM008T	<text>.	
	Severity:	Trace
	Explanation:	This is a general error message. The text shows the specific details of a successful system function.
	System action:	None.
	User response:	None. This message is only for tracing purposes.
VAIM013I	Send kill request to thread xxxxxxxx.	
	Severity:	Information
	Explanation:	SequeLink received a session Kill request from a remote agent.
	System action:	The specified thread xxxxxxxx will be ended.

User response: None.

VAIM014W Kill request ignored. Could not find thread with sessionid xxxxxxxx.

Severity: Warning

Explanation: Received a session kill request from a remote agent, but no matching thread was found. The thread may have ended already, or the remote operator may have specified an incorrect threadid.

System action: The request is ignored.

User response: None.

VAIM015I Datamodel saved by thread xxxxxxxx loaded.

Severity: Information

Explanation: A SequeLink configuration file that was saved by the specified thread was loaded.

System action: The updated SequeLink configuration file is available for new connections.

User response: None.

VAIM016W Datamodel save operation will fail, file allocation status is not correct.

Severity: Warning

Explanation: The SWANDM Data Definition specifies an incorrect file allocation status.

System action: The server will continue to start up. However, the remote agent will not be able to save changes to the SequeLink configuration file.

User response: Correct the SWANDM Data Definition in the server JCL, using DISP=OLD, and restart SequeLink Server.

VAIM017W Datamodel save operation will fail, file organization is not correct.

Severity: Warning

Explanation: The SWANDM Data Definition specifies an incorrect file organization status.

System action: The SequeLink Server will continue to start up, but the remote agent will not be able to save the SequeLink configuration file.

	User response:	Correct the SWANDM Data Definition in the SequeLink Server JCL.
VAIM018T	Event id=xxx, received from tttttttttttt.	
	Severity:	Trace
	Explanation:	Traces an incoming event to be processed.
	System action:	None.
	User response:	None.
VAIM019E	SET-parameter of TRACE command has an invalid value: SET=ON, SET-OFF, or SET=?.	
	Severity:	Error
	Explanation:	An incorrect parameter was used for the TRACE command.
	System action:	Command was ignored.
	User response:	Supply the correct parameter (SET=ON, SET-OFF, or SET=?) for the TRACE command.
VAIM020E	SET-parameter of DEBUG command has an invalid value: SET=ON, SET-OFF, or SET=?.	
	Severity:	Error
	Explanation:	An incorrect parameter was used for the DEBUG command.
	System action:	Command is ignored.
	User response:	Supply the correct parameter (SET=ON, SET-OFF, or SET=?) for the TRACE command.
VAIM021I	TRACE is ON.	
	Severity:	Information
	Explanation:	Tracing is turned on.
	System action:	None.
	User response:	None.
VAIM022I	TRACE is OFF.	
	Severity:	Information

	Explanation:	Tracing is turned off.
	System action:	None.
	User response:	None.
VAIM023I	DEBUG is ON.	
	Severity:	Information
	Explanation:	Debugging is turned on.
	System action:	None.
	User response:	None.
VAIM024I	DEBUG is OFF.	
	Severity:	Information
	Explanation:	Debugging is turned off.
	System action:	None.
	User response:	None.

Server Controller Task Messages

This section contains OS/390 log messages generated by VAISMAIN. VAISMAIN handles the server controller tasks.

- VAIS001F** Initialization failed: insufficient storage - 01.
- Severity: Fatal
- Explanation: Unable to obtain storage for communication area.
- System action: VAISMAIN terminates with condition code 64.
- User response: Report this error to MERANT technical support.
- VAIS002F** Build Data_Model failed: xxxxxxxx.
- Severity: Fatal
- Explanation: Problem encountered during build of SequeLink configuration file, where xxxxxxxxxx describes the problem in more detail.
- System action: The server abends with abend code 101.
- User response: xxxxxxxx= 'VAISMNDM did not complete within time frame'. For all other reasons, contact MERANT technical support.
- VAIS003I** EXCI task started.
- Severity: Information
- Explanation: EXCI task started to support Legacy service.
- System action: None.
- User response: None.
- VAIS004E** Problem building EXCI TACB.
- Severity: Error
- Explanation: EXCI TACB could not be created.
- System action: EXCI task not started.
- User response: Contact MERANT technical support.

VAIS005I	DB2 task started, DB2ifid(dddd).
Severity:	Information
Explanation:	DB2 root task started to support DB2 service for DB2ifid dddd .
System action:	None.
User response:	None.
VAIS006E	DB2InterfaceId has an invalid length.
Severity:	Error
Explanation:	DB2InterfaceID can be max, 4 characters long.
System action:	DB2 root task not started.
User response:	Correct DB2InterfaceID.
VAIS007E	Problem building TACB for DB2ifid=xxxx.
Severity:	Error
Explanation:	DB2 TACB could not be created.
System action:	DB2 root task not started.
User response:	Contact MERANT technical support.
VAIS008I	XTCP task started.
Severity:	Information
Explanation:	Extended TCP/IP listener task started.
System action:	None.
User response:	None.
VAIS009F	Problem building XTCP TACB.
Severity:	Fatal
Explanation:	XTCP TACB could not be created.
System action:	The server abends with code 101.
User response:	Contact MERANT technical support.

VAIS010F	No EntityList found.
Severity:	Fatal
Explanation:	No EntityList was passed after SequeLink configuration file build-VAISMNDM.
System action:	The server abends with code 101.
User response:	Contact MERANT technical support.
VAIS011F	Active Agent failed: could not locate VAISMNDM on TACB chain.
Severity:	Fatal
Explanation:	Internal error.
System action:	The server abends with code 102.
User response:	Contact MERANT technical support.
VAIS012F	Specification error in SIL LOADTABL entry.
Severity:	Fatal
Explanation:	Internal error.
System action:	The server abends with code 109.
User response:	Contact MERANT technical support.
VAIS013E	DB2ifid xxxx matches a reserved OPRID.
Severity:	Error
Explanation:	Matches some predefined Operator Identifiers.
System action:	DB2 root task not started.
User response:	Change DB2ifid for this service.
VAIS014I	SMFrecording active, SMFrecordtype(<i>nnn</i>).
Severity:	Information
Explanation:	SMFrecording is activated.
System action:	SMFrecordtype <i>nnn</i> will be written to SMF.
User response:	None.

VAIS015I	SMFrecording active, <i>tttttttttttttttttttt</i> . Severity: Information Explanation: SMFrecording is not activated. Either you requested <i>tttttttttttt==</i> 'No SMFrecordType specified' or you specified an invalid number, <i>tttttttttt==</i> 'SMFrecordType invalid range.' System action: No SMF records will be written. User response: None. To activate SMFrecording, correct the SMFrecordType. The value must be between 128 and 256.
VAIS023E	GETMAIN for TACB storage failed. Severity: Error Explanation: Insufficient storage left to allocate a TACB. System action: STRTTHRD request fails. User response: Increase Region size.
VAIS031I	Normal end of JOB. Severity: Information Explanation: Server main task has terminated normally. System action: Not applicable. User response: None.
VAIS037T	CNTL task active. Severity: Trace Explanation: This is a debugging or trace message. System action: Not applicable. User response: None.
VAIS041I	Control CNTL Q message received. Severity: Information Explanation: A control queue message was received by VAISMAIN. System action: Not applicable. User response: None.

VAIS051F	SIL configuration error.
	Severity: Fatal
	Explanation: Internal error.
	System action: The server abends.
	User response: Contact MERANT technical support.
VAIS077E	Unrecognized service request.
	Severity: Error
	Explanation: Invalid service request from a server subtask.
	System action: Server terminates abnormally with an abend code of U143.
	User response: Report this error to MERANT technical support.
VAIS079E	Attach failed at Initialization time.
	Severity: Error
	Explanation: VAISMAIN was unable to attach one of its subtasks.
	System action: Server initialization continues. However, results are unpredictable.
	User response: The OS/390 server job log should contain a message (with the prefix CSV) indicating the reason for the attach failure. Report this error to MERANT technical support.
VAIS084E	SERVER.MAIN error returned from @VAIOPR macro. RC = <i>return code</i> VC = <i>verb code</i> .
	Severity: Error
	Explanation: Logic error processing @VAIOPR request, resulting in the displayed return code and verb code.
	System action: Request is ignored.
	User response: Report this error to MERANT technical support.
VAIS085I	<i>TASKNAME - TACBADDR - FLAGS - CPU - SERVICE - USERID.</i>
	Severity: Information
	Explanation: The server is responding to a STATUS command. This is the header information about the tasks it is controlling. This message is the result of a CNTL STATUS command and is always followed by a VAIS089I message.

System action: Not applicable.

User response: None.

VAIS086I CLOSE command acknowledged, shutdown initiated.

Severity: Information

Explanation: VAISMAIN acknowledges receipt of a CLOSE command.

System action: System shutdown is initiated.

User response: None.

VAIS087E Invalid TYPE parameter on CLOSE command.

Severity: Error

Explanation: The value of the type parameter in the CNTL CLOSE command is invalid.

System action: The CNTL CLOSE command is ignored.

User response: Correct the parameter and issue the command again.

VAIS088T Taskname xxxxxxxxxx Notified of shutdown.

Severity: Trace

Explanation: This is a debugging or trace message.

System action: Not applicable.

User response: None.

VAIS089I *taskname tacbaddr flags cputime service username.*

Severity: Information

Explanation: This message results from a CNTL STATUS command and is always preceded by a VAIS085I message. Each line of information includes the fields as titled by the VAIS085I header message. Each column provides information about a server task (server runtime component or application thread) and includes:

taskname - The name of the main line load module (server component task) or the thread ID of an OS/390 application/service task.

tacbaddr - The address of the task's TACB. The TACB is the anchoring control block for all server tasks.

flags - A 4-byte set of flags representing the current status of the task. Flags can include:

p1:

D - dispatched

I - initializing

L - has a queue locked

W - wait state

X - exiting dispatcher

S - task is the SCT component

K - aborted by the SCT

p2: - *Not used*

p3:

T - task is an application thread

X - invalidated by the SCT

p4: - *not used*

cputime - CPU time consumed by the SequeLink engine task.

service - Usually, the name of the application (in the SYSINI) for an instance of the application thread. Alternatively, it is set to the literal '**CORE**' for all server component tasks.

username - Usually, the user ID that initiated this instance of the application thread. Alternatively, it is set to the literal '**Not applicable.**' for all server component tasks.

System action: Not applicable.

User response: None.

VAIS091F xxxxxx task has ended unexpectedly - Abend server.

Severity: Fatal

Explanation: An essential server component subtask has terminated.

System action: VAISMAIN terminates abnormally with an abend code of U146.

User response: Report this error to MERANT technical support.

VAIS095E Alter request is invalid - invalid or missing keyword.

Severity: Error

Explanation: This message is in response to a CNTL ALTER command. There are two possible causes:

- a keyword was not supplied.
- the keyword supplied was incorrect.

System action: The command is ignored.

User response: Check the syntax of the CNTL ALTER command. Verify that a correct keyword was included in the command. Refer to the *SequeLink Administrator's Guide* for details on the CNTL ALTER command.

VAIS151F SIL Start table missing.

Severity: Fatal

Explanation: VAISMAIN could not locate the started tasks (STRTTABL).

System action: VAISMAIN terminates with a condition code of 4.

User response: Report this error to MERANT technical support.

VAIS152F SIL NAME field error.

Severity: Fatal

Explanation: VAISMAIN could not locate a required START entry.

System action: VAISMAIN terminates with a condition code of 4.

User response: Report this error to MERANT technical support.

VAIS153F	SIL STKSIZE error.	
	Severity:	Fatal
	Explanation:	The server has found an invalid STKSIZE value in one of the server's internal SIL entries.
	System action:	VAISMAIN terminates with a condition code of 4.
VAIS154F	User response:	Report this error to MERANT technical support.
	SIL DSASIZE error.	
	Severity:	Fatal
	Explanation:	Invalid DSASIZE value in one of the server's internal SIL entries.
VAIS155F	System action:	VAISMAIN terminates with a condition code of 4.
	User response:	Report this error to MERANT technical support.
	SIL AFLGS error.	
	Severity:	Fatal
VAIS156F	Explanation:	There is an invalid AFLGS value in one of the server's internal SIL entries.
	System action:	VAISMAIN terminates with a condition code of 4.
	User response:	Report this error to MERANT technical support.
	SIL DPMOD error.	
VAIS157F	Severity:	Fatal
	Explanation:	Logic error while building the server VAIT list.
	System action:	VAISMAIN terminates with a condition code of 4.
	User response:	Report this error to MERANT technical support.

- VAIS158F** VAIT OPRI error.
- Severity: Fatal
- Explanation: Logic error while processing an OPERID entry in the SIL.
- System action: VAISMAIN terminates with a condition code of 4.
- User response: Report this error to MERANT technical support.
- VAIS159W** VAIBEAT - Error in DataModel, using default value for TimeInterval.
- Severity: Warning
- Explanation: TIMERINTERVAL incorrectly specified in SequeLink configuration file.
- System action: A default TIMEINTERVAL of 15 seconds is set.
- User response: Correctly specify TIMERINTERVAL in the SequeLink configuration file.
- VAIS160F** No valid Service definitions in DataModel- at least 1 must be found.
- Severity: Fatal
- Explanation: No valid service definition was found in the SequeLink configuration file. The Server requires at least one valid service definition.
- System action: The server abends with abend U160.
- User response: Correctly define a service in the SequeLink configuration file, call MERANT technical support for assistance.
- VAIS161E** Datamodel error for service xxxxxxxx, Service has been ignored.
- Severity: Error
- Explanation: ServiceApplid was incorrectly specified in the SequeLink configuration file for service xxxxxx. The affected service will not be available until the error is corrected and the server is restarted.
- System action: The incorrect service definition is ignored and bypassed.
- User response: Correctly define ServiceApplid for service xxxxxxxx in the SequeLink configuration file.

VAIS162E	DataModel ServiceldleTime error, Service xxxxxxxx has been ignored.
	Severity: Error
	Explanation: ServiceldleTime was incorrectly specified in the SequeLink configuration file for service xxxxxx. The affected service will not be available until the error is corrected and the server is restarted.
	System action: The incorrect service definition is ignored and bypassed.
	User response: Correctly define ServiceldleTime for service xxxxxxxx in the SequeLink configuration file.
VAIS163W	DataModel ServiceldleAction error, default set to MESSAGE for Service xxxxxxxx.
	Severity: Warning
	Explanation: ServiceldleAction was incorrectly specified in the SequeLink configuration file for service xxxxxx. Default setting of MESSAGE will be used.
	System action: The default value for the ServiceldleAction parameter (MESSAGE) will be used.
	User response: Correctly define ServiceldleAction for service xxxxxxxx in the SequeLink configuration file.
VAIS164E	DataModel ServiceMaxSession error, Service xxxxxxxx has been ignored.
	Severity: Error
	Explanation: ServiceMaxSession was incorrectly specified in the SequeLink configuration file for service xxxxxx. The affected service will not be available until the error is corrected and the server is restarted.
	System action: The incorrect service definition is ignored and bypassed.
	User response: Correctly define ServiceMaxSession Time for service xxxxxxxx in the SequeLink configuration file.
VAIS165I	Service list entry for service name (application name) built successfully - values:
	Severity: Information
	Explanation: The SequeLink configuration file application service definitions for the named service representing the named application were successfully processed.

System action: The server's service list is updated with the named service (for example, the named application is available for use).

User response: None.

VAIS171E LOAD failed for module xxxxxxxx with rc=zz -yyyyyyyy.

Severity: Error

Explanation: An OS/390 LOAD for loadmodule xxxxxxxx specified as ServiceApplid for yyyyyyyy failed with rc=zz. The affected service will not be available until error is corrected and the Server restarted.

System action: The incorrect service definition is ignored and bypassed.

User response: Check why the loadmodule could not be accessed. Either ServiceApplid is a nonexistent loadmodule or OS/390 Contents Supervisor detects errors. If problems persist, contact MERANT technical support.

VAIS172E STRTTHRD request for Service service_id from user_id at terminal_id, was not successful.

Severity: Error

Explanation: An attempt to start an application thread failed. The affected application is identified by its name, the user by their user ID, and the terminal by its terminal ID. This message is always preceded by a VAIS174E or a VAIS175E message that details the reason for the failure.

System action: The application thread is not started.

User response: Check the preceding VAIS174E or VAIS175E message for the exact reason for failure. Respond accordingly.

VAIS173E STRTTHRD request for Service service_id from user_id at terminal_id failed - SIL definition error.

Severity: Error

Explanation: Internal error.

System action: The application thread is not started.

User response: Contact MERANT technical support.

VAIS174E Verification of STRTTHRD request for Service service_id from user_id at terminal_id failed - service definition was not found.

Severity: Error

	Explanation:	Internal error.
	System action:	The application thread is not started.
	User response:	Contact MERANT technical support.
VAIS175E	Verification of STRTTHRD request for Service service_id from user_id at terminal_id failed, xxxxxxxx.	
	Severity:	Error
	Explanation:	An attempt to start an application thread failed. The affected application is identified by its name, the user by their user ID, and the terminal by its terminal ID. The reason for the failure is also given. This message is always followed by a VAIS172E message.
	System action:	The application thread is not started.
	User response:	Respond to the reason given for the failure accordingly: Not Active - the application service is not active; check for previous VALLOG messages relating to the application service and correct the error that prevented the successful validation and activation of the application service. Stopped - an II or console operator stopped the application service with a CNTL ALTER command; restart the application service. AtMaxsess - the maximum number of application threads for this application service was reached; increase this value by using the CNTL ALTER command or by changing the SYSINI <i>MAXIMUMSESSIONS</i> value in the application service definition. Refer to the <i>SequeLink Administrator's Guide</i> for details regarding CNTL ALTER. Contact MERANT technical support for details of the SIL definitions required for an application service.
VAIS176E	SIL section LOADTBL2 omitted.	
	Severity:	Error
	Explanation:	Internal error.
	System action:	Server initialization continues.
	User response:	Contact MERANT technical support.
VAIS177E	NAME key omitted in LOADTBL2.	

	Severity:	Error
	Explanation:	Internal error.
	System action:	Server initialization continues.
	User response:	Contact MERANT technical support.
VAIS178E	Syntax error in LOADTBL2/NAME.	
	Severity:	Error
	Explanation:	Internal error.
	System action:	Server initialization continues.
	User response:	Contact MERANT technical support.
VAIS179I	xxxxxxx normal end - Thrdid(yyyyyyyy).	
	Severity:	Information
	Explanation:	A server task (an application thread or a server component) has ended with the stated condition code. If the task was an application thread, the thread identifier is also given in the message.
	System action:	The task is flushed from the system and all storage used by the task is freed.
	User response:	None. This message simply notes that a task has ended. This is a normal situation.
VAIS180I	xxxxxxx abnormal end - cc(zzzz)- Thrdid(yyyyyyyy).	
	Severity:	Information
	Explanation:	Task ended abnormally. Either the task was deliberately aborted for Timeout or maxCPU reasons or by Operator commands, or otherwise suffered anabend. zzzz = OS/390 CompletionCode - Abendcode.
	System action:	None.
	User response:	None if task was deliberately aborted. Otherwise, contact MERANT technical support.
VAIS181I	Service: service name.	
	Severity:	Information

	<p>Explanation: This message is output following a CNTL STATUS command. It is always followed by a set of VAIS182I and VAIS183I messages. The service application for which the status was requested is identified by name. (The status is detailed in the subsequent VAIS182I and VAIS183I messages.)</p> <p>System action: Not applicable.</p> <p>User response: None.</p>
VAIS182I	<p>Application name = application name STATUS = xx DEBUG = flag.</p> <p>Severity: Information</p> <p>Explanation: This message follows a VAIS181I message. It is output in response to a CNTL STATUS command. It reflects the current status (xx) of the named application service. This message also shows the setting of the DEBUG flag for the application service: this is Y (DEBUG is on) or N (DEBUG is off).</p> <p>System action: Not applicable.</p> <p>User response: The fields in the message include:</p> <p>xx - is a 1-byte, hexadecimal flag that shows the status for this application at startup time:</p> <ul style="list-style-type: none"> 01 - service is active and available 02 - abort at time-out 04 - message only at time-out 08 - ignore time-outs 80 - service has been stopped by user
VAIS183I	<p>MAXSESS = number CURRSESS = number TIMEOUT = value.</p> <p>Severity: Information</p> <p>Explanation: This message follows a VAIS181I message. It is output in response to a CNTL STATUS command. It reflects the current values for the maximum number of sessions, the current number of sessions and the time-out value for the application service.</p> <p>System action: Not applicable.</p> <p>User response: None.</p>

VAIS184E ** Show keyword is in error.

Severity: Error

Explanation: This message is output in response to an incorrect CNTL STATUS command. It indicates that the SHOW= keyword in the command was not valid.

System action: The command is ignored.

User response: Use any of the following:

- SHOW=ALL
- SHOW=SERVICES

to control what data is displayed as a result of the CNTL STATUS command. Reenter the command with one of these keywords. Refer to the *SequeLink Administrator's Guide* for additional information regarding the CNTL STATUS command.

VAIS185E ** Error -- thread was not found.

Severity: Error

Explanation: This message is output in response to an incorrect CNTL ABORT command. It indicates that the thread ID (THRDID=) specified in the command named an unknown thread.

System action: The command is ignored.

User response: Application service threads are tagged with a unique thread ID with the form: T#*nnnnnn* where *nnnnnn* is a decimal number.

Use the CNTL STATUS command to display the active application threads and reenter the command specifying a valid thread ID. Refer to the *SequeLink Administrator's Guide* for additional information regarding the CNTL STATUS and CNTL ABORT commands.

VAIS186E ** Error -- *USERID* or *THRDID* must be specified.

Severity: Error

Explanation: This message is output in response to an incorrect CNTL ABORT command. The *USERID=* or *THRDID=* parameter was missing from the command string. At least one of these parameters is required in this command.

System action: The command is ignored.

	User response:	Correct the command and reenter it. Refer to the <i>SequeLink Administrator's Guide</i> for additional information regarding the CNTL ABORT command.
VAIS187E	** Error -- thread has already been aborted.	
	Severity:	Error
	Explanation:	This message is output in response to an incorrect CNTL ABORT command. It indicates that the operator is attempting to terminate abnormally an application service thread that has already been terminated abnormally.
	System action:	The command is ignored.
	User response:	Under certain circumstances, an ABORT of an application service thread instance can take about 3-10 seconds. Wait until this time has elapsed before attempting the command again.
VAIS188I	Thrdid(tttttttt) for User(uuuuuuuu) has been aborted.	
	Severity:	Information
	Explanation:	This message is output in response to a successful CNTL ABORT command. It indicates that the application service thread (identified by its thread ID) started by the stated user has been terminated abnormally.
	System action:	The affected thread is removed from the system and the associated application logic is terminated.
	User response:	None.
VAIS189T	ssssssss Service for User(uuuuuuuu) with Thrdid(tttttttt) exceeds Timeout value (xxxx/yyyy).	
	Severity:	Trace
	Explanation:	An application service thread (identified by its thread ID) started by the stated user has exceeded the timeout value that was coded for the stated application in the SYSINI. The timeout value from the SYSINI is given together with the number of timer intervals that the thread has currently been inactive.
	System action:	Not applicable.
	User response:	None.

VAIS190W WARNING Server thread for User(uuuuuuu) with Thrdid(tttttttt) at terminal (termid) exceeded Timeout value.

Severity: Warning

Explanation: An application service thread (identified by its thread ID) started by the stated user from the stated terminal has exceeded the timeout value that was coded for the application service being used. The value of the *IDLEACTION* (idle action) parameter in the SYSINI was set to MESSAGE, which causes an alert message to be displayed.

System action: Each time that the timeout value set for the application service elapses while the application service thread has been inactive (that is, no messages have been passed to the attached workstation), the server will produce an alert message.

User response: Investigate the cause of the application's inactivity. If desired, the thread might be terminated using the CNTL ABORT command.

VAIS191E application name THREAD for USER user ID at THRDID (T#xxxxxx) at terminal ID aborted due to timeout.

Severity: Error

Explanation: An application service thread (identified by its thread ID) started by the stated user from the stated terminal has exceeded the value that was coded for the application service being used by this thread. The value of the *IDLEACTION* (idle action) parameter in the SYSINI was set to ABORT. The server system has therefore abnormally terminated this thread.

System action: The named thread is terminated abnormally and removed from the server system.

User response: Investigate the cause of the application's inactivity. If need be, increase the *IDLETIME* value for the application service using the *IDLETIME* SYSINI parameter or the CNTL ALTER command. Contact MERANT technical support for additional information regarding the CNTL ALTER command and the *IDLETIME* SYSINI parameter.

- VAIS192E** application name THREAD for USER user ID at terminal ID -- not able to timeout abort.
- Severity: Error
- Explanation: An application service thread (identified by its thread ID) started by the stated user from the stated terminal has exceeded the value that was coded for the application service being used by this thread. The value of the *IDLEACTION* (idle action) parameter in the SIL was set to ABORT, but the server was not able to abnormally terminate the thread.
- System action: The thread cannot be terminated abnormally because of one of the following reasons:
- It is currently being terminated abnormally by an II or console operator command.
 - It was never successfully started (generally an application link edit error).
 - It has already ended.
- User response: Use the CNTL STATUS command to check the current state of the thread. Verify that the application was built and linked correctly. Check the VAIOLOG for previous error messages relating to this thread (identified by its thread ID).
- If necessary, contact MERANT technical support.
- VAIS193E** Error with ALTER command - service application was not found.
- Severity: Error
- Explanation: The operator (at an OS/390 operator's console or at an II terminal) entered a CNTL ALTER command with an unknown service name.
- System action: The command is ignored.
- User response: Reenter the command (CNTL ALTER SERVICE=) and specify a valid service name. The CNTL STATUS SHOW=SERVICE command might be used to check the name of the target service.
- VAIS194I** Alter services request was successful.
- Severity: Information

	Explanation:	The operator (at an OS/390 operator's console or at an II terminal) entered a CNTL ALTER command to update an existing application service definition. The command was successful.
	System action:	The application service definition is updated according to the operator's specifications stated in the CNTL ALTER command.
	User response:	None.
VAIS196I	Service is currently	****Unavailable****
	Severity:	Information
	Explanation:	This message follows messages VAIS181I/182I/183I if the status of the service is 'stopped'.
	System action:	None.
	User response:	None.
VAIS197E	xxxxxxx Thread for User(uuuuuuuu) with Thrdid(tttttttt) at (termid) purged due to timeout.	
	Severity:	Error
	Explanation:	Thread exceeded Idletime.
	System action:	None.
	User response:	None.
VAIS200E	Start thread request for service name from user ID at terminal ID rejected.	
	Severity:	Error
	Explanation:	A request to establish a connection to the OS/390 server from the stated user at the stated terminal was rejected. This message is always followed by another VAIS20xE message that supplies the reason for the rejection.
	System action:	The connection request is rejected.
	User response:	Check the subsequent VAIS20xE messages relating to the given user and terminal and respond accordingly.
VAIS201E	** Unknown service name.	
	Severity:	Error

	<p>Explanation: A request to establish a connection to the server from a specific user at a specific terminal was rejected because the service that was specified in the connection request was not known to the OS/390 server. This message is always preceded by a VAIS200E message which denotes the user and terminal who made the request.</p> <p>System action: The connection request is rejected.</p> <p>User response: Check the connection string that is being used at the specified terminal. Correct it and retry your connection request. Refer to <i>SequeLink Administrator's Guide</i> for details about the link parameters required when connecting to an OS/390 server using each of the different network protocols supported.</p>
VAIS202E	<p>** Security Enabled in STRTTHRD, no longer supported.</p> <p>Severity: Error</p> <p>Explanation: Internal error.</p> <p>System action: The connection is rejected.</p> <p>User response: Contact MERANT technical support.</p>
VAIS206S	<p>** @VAIGM failure (insufficient storage).</p> <p>Severity: Severe</p> <p>Explanation: A request to establish a connection to the server from a specific user at a specific terminal was not satisfied due to an internal error in the server's start thread process.</p> <p>System action: The connection request is rejected.</p> <p>User response: Contact MERANT technical support. Have a listing of the current server SIL ready to review. This error could be caused by an incorrect update to a <i>DSASIZE</i> parameter.</p>
VAIS209T	<p>Start Thread for Service(sssssss) at terminal(termid) for user(uuuuuuu) queued.</p> <p>Severity: Trace</p> <p>Explanation: A request to establish a connection to the server from the stated user at the stated terminal was successfully validated by the server's start thread process. The service request (identified by its service name) has been queued to the server's SCT for further validation.</p>

System action: The connection request is queued to the SCT.

User response: None.

VAIS211W Thread(ttttttt) for service(sssssss) at(termid) exceeded its timer cycle CPU time limit.

Severity: Warning

Explanation: Thread exceeds its ServiceThrottle limit within a TimeInterval.

System action: None.

User response: Check why thread exceeds its limits.

VAIS212W Thread(ttttttt) for service(sssssss) at(termid) exceeded its max allowed CPU time limit.

Severity: Warning

Explanation: Thread exceeds its ServiceMaxCPU.

System action: None.

User response: Check why thread exceeds limit specified.

VAIS213E Thread(ttttttt) for service(sssssss) at(termid) aborted due to CPU time excession.

Severity: Error

Explanation: Thread exceeded either ServiceThrottle limit or ServiceMaxCPU limit and ServiceRatAction is specified as DIE. Either message VAIS211W or VAIS212W proceeds this message.

System action: Thread is aborted.

User response: Check why thread exceeds limit specified.

VAIS215E Task ttttttt has unexpectedly terminated: (CC=xxxxyy) - attempting restart/reload.

Severity: Error

Explanation: The parameter defined for DB2INTERFACE in the SYSINI file does not match the value set in the SequeLink startup JCL file, RUNSRVR, or, the DD statement with the value for DB2INTERFACE is missing from the RUNSRVR file.

System action: Task is terminated.

User response: Change the DB2INTERFACE parameter value in the SequeLink startup JCL file, RUNSRVR, to the value set in the SYSINI file. For example, if the SYSINI file sets DB2INTERFACE=DB2A, the RUNSRVR JCL file should have a DD statement similar to the following:

```
// DB2A DD DSN=DSN410.SDSNEXIT,DISP=SHR
// DD DSN=DSN410.SDSNLOAD,DISP=SHR
```

VAIS216F Task xxxxxxxx has unexpectedly terminated (CC=cc) restart/reload count Exhausted.

Severity: Fatal

Explanation: A critical task abended with CompletionCode cc and its restart Count, if any, is exhausted.

System action: The server abends with abend U146.

User response: Contact MERANT technical support.

VAIS219E EOT routine for Service service failed.

Severity: Error

Explanation: The ServiceEotExit that was called during end of task, failed.

System action: None.

User response: Check why this routine failed, and contact MERANT technical support.

VAIS220I Application(nnnnnnnn) Status(xx) Debug(y).

Severity: Information

Explanation: This message is output following a CNTL STATUS SHOW=servicename command. The message shows the loadmodule nnnnnnnn information for the specified service.

System action: None.

User response: None.

VAIS229E CNTL REFRESH command obsolete.

Severity: Error

Explanation: CNTL REFRESH command no longer supported.

System action: Command is ignored.

	User response: None.
VAIS233I	CNTL LIST command obsolete.
	Severity: Information
	Explanation: CNTL LIST command no longer supported.
	System action: Command is ignored.
	User response: None.
VAIS246I	Time altered from 24.00.00 to xx.xx.xx date julian.date.
	Severity: Information
	Explanation: Message to indicate the start of a new day.
	System action: None.
	User response: None.
VAIS300I	Mgr SQLNK.MERANT.xxxx registered.
	Severity: Information
	Explanation: SequeLink server is registered to RRS as a ResourceMgr with the name SQLNK.MERANT.xxxx where xxxx is the GlobalSubSystemId the server is started with.
	System action: Registering to RRS during initialization.
	User response: None.
VAIS301I	Mgr SQLNK.MERANT.xxxx unregistered.
	Severity: Information
	Explanation: SequeLink server unregistered from RRS.
	System action: Unregistering from RRS during shutdown.
	User response: None.
VAIS302I	Begin restart Mgr SQLNK.MERANT.xxxx.
	Severity: Information
	Explanation: SequeLink server is restarting as a ResourceMgr to RRS.
	System action: Restarting as ResourceMgr during initialization.
	User response: None.
VAIS303I	Incomplete Interest for URid(urid) Urstate(In-Urstate) Role(xxxx).

	Severity:	Information
	Explanation:	During a restart as a ResourceMgr, Incomplete Interest(s), which were unresolved when SequeLink was last unregistered, can be retrieved from RRS.
	System action:	Remember Urstate for this urid.
	User response:	None.
VAIS304I	Mgr has <i>nnn</i> Incomplete Interest(s) outstanding.	
	Severity:	Information
	Explanation:	During a restart, <i>nnn</i> Incomplete Interest(s) were retrieved.
	System action:	None.
	User response:	None.
VAIS305I	Mgr SQLNK.MERANT.xxxx restarted.	
	Severity:	Information
	Explanation:	SequeLink Server is restarted successfully as ResourceMgr to RSS.
	System action:	None.
	User response:	None.
VAIS306E	Unable to construct a valid Mgr_name, Subsystemid is missing.	
	Severity:	Error
	Explanation:	SequeLink Server must construct a unique ResourceMgr name to register to RRS. The GlobalSubSysId is required to qualify the string 'SQLNK.MERANT.'
	System action:	The server abends with U130.
	User response:	Supply a unique GlobalSubSysId or use CAF DB2 attachment.
VAIS307E	Mgr SQLNK.MERANT.xxx registration failed, reason(xxxx).	
	Severity:	Error
	Explanation:	SequeLink registration to RSS failed, see reasoncode xxxx.
	System action:	The server abends with U130.

	User response:	Contact MERANT technical support.
VAIS308E	Define Exit_routines to Context_mgr failed, reason(xxxx).	
	Severity:	Error
	Explanation:	SequeLink registration to Context Mgr failed reasoncode xxxx, during RSS registration.
	System action:	The server abends with U130.
	User response:	Contact MERANT technical support.
VAIS309E	Define Exit_routines to RRS_mgr failed, reason(xxxx).	
	Severity:	Error
	Explanation:	SequeLink registration to RRS_services failed reasoncode xxxx, during RRS registration.
	System action:	The server abends with U130.
	User response:	Contact MERANT technical support.
VAIS310E	Begin Restart Mgr failed, reason (xxxx).	
	Severity:	Error
	Explanation:	SequeLink Begin Restart Mgr failed, reasoncode xxxx during RRS registration.
	System action:	The server abends with U130.
	User response:	Contact MERANT technical support.
VAIS311E	Retrieve Incomplete Interest failed, reason (xxxx).	
	Severity:	Error
	Explanation:	SequeLink Retrieve Incomplete Interest failed reasoncode xxxx, during RRS registration.
	System action:	The server abends with U130.
	User response:	Contact MERANT technical support.
VAIS312E	End Restart Mgr failed, reason (xxxx).	
	Severity:	Error
	Explanation:	SequeLink End Restart Mgr failed, reasoncode xxxx during RRS registration.
	System action:	The server abends with U130.

	User response:	Contact MERANT technical support.
VAIS313E	Respond to Retrieved Interest failed, reason (xxxx) URid(urid).	
	Severity:	Error
	Explanation:	SequeLink Respond to Retrieved Interest failed, reasoncode xxxx during RRS registration.
	System action:	The server abends with U130.
	User response:	Contact MERANT technical support.
VAIS314E	Mgr is already registered by another server, use a different SubSystemID.	
	Severity:	Error
	Explanation:	The ResourceMgrName SQLNK.MERANT.xxxx is already in Use. Change the GlobalSubSysId for this server.
	System action:	The server abends with U130.
	User response:	Contact MERANT technical support.
VAIS315E	Unregistration for SQLNK.MERANT.xxxx failed, reason (yyyy).	
	Severity:	Error
	Explanation:	The ResourceMgrName SQLNK.MERANT.xxxx failed to unregister.
	System action:	Server continues shutdown.
	User response:	Contact MERANT technical support.
VAIS330I	Notification Exit - xxxxxxxxxxxxxx.	
	Severity:	Information
	Explanation:	Notification Exit called, xxxxxxxxxxxx explains why.
	System action:	None.
	User response:	None.
VAIS331E	Notification Exit - No Global data.	
	Severity:	Error
	Explanation:	Internal error.
	System action:	None.
	User response:	Contact MERANT technical support.

- VAIS332E** Notification Exit - could not locate RRSN.
- Severity: Error
- Explanation: Internal error.
- System action: None.
- User response: Contact MERANT technical support.
- VAIS333E** Notification Exit - TACB not found.
- Severity: Error
- Explanation: Internal error.
- System action: None.
- User response: Contact MERANT technical support.

Resource Manager Messages

This section contains OS/390 log messages generated by the operator interface resource manager facility (VAICOPRM), which allows any SequeLink or OS/390 task to initialize a resource manager routine to provide independent task cleanup and to supplement end-of-task routines provided by SequeLink or OS/390.

VAIC125E

RESMGR failed w/RC=rc. SSI (ssid) withdrawn.

Severity:

Error

Explanation:

VACOPRI was unable to initialize its resource manager (VAICOPRM). The initialization request failed with the return code rc. The SSI for ssid is not enabled, meaning that command character prefixes cannot be used to enter SequeLink or OS/390 operator commands.

System action:

The operator interface proceeds without the SSI.

User response:

This is an internal error. Contact MERANT technical support.

The following messages are not written in the SequeLink or OS/390 log, because they are issued by VAICOPRM when SequeLink or OS/390 is shutting down and message logging may be disabled. These messages are generated using standard WTO macros.

VAIX010E

Invalid SSCT passed.

Severity:

Error

Explanation:

The VAICOPRM caller (VAICOPRI) passed an invalid SSCT. VAICOPRM ends normally, but the SSCT reset was not performed.

System action:

None.

User response:

This is an internal error. Contact MERANT technical support.

- VAIX011E** Invalid PARM passed.
- Severity: Error
- Explanation: The R1 value that was passed was 0 or the address that R1 pointed to was 0.
- System action: None.
- User response: This is an internal error. Contact MERANT technical support.
- VAIX012I** SSI has been deactivated.
- Severity: Information
- Explanation: The resource manager had to reset the SSI.
- System action: None.
- User response: Contact MERANT technical support.
- VAIX013I** Entering resource manager VAICOPRM
- Severity: Information
- Explanation: The resource manager is being entered.
- System action: Not applicable.
- User response: None.

TCP/IP Messages

This section contains OS/390 log messages generated by VAIXTCP, the TCP/IP Network Interface Manager (NIM) component. VAIXTCP supports both IBM TCP/IP and InterLink TCPaccess.

VAIX016T	<info trace message>
Severity:	Trace
Explanation:	This message is written only when 'X' is in the LOGR trace-list.
System action:	None.
User response:	None. To turn off the logging of this message, use the LOGR ALTER operator command to remove "X" from the LOGR trace-list.
VAIX017I	<info trace message>
Severity:	Information
Explanation:	Message was written during TCP/IP NIM tracing.
System action:	None.
User response:	None.
VAIX018W	<warning trace message>
Severity:	Warning
Explanation:	This message was written during TCP/IP NIM tracing when a possible problem was detected.
System action:	None.
User response:	None.
VAIX020E	<error trace message>
Severity:	Error
Explanation:	An internal error trace message was written when a unexpected condition occurred.
System action:	None.

User response: None.

VAIX026W

<function name> : ERRNO=<errno>, error text.

Severity: Warning

Explanation: The specified SAS C Runtime library function has failed.

System action: Command ignored.

User response: None.

VAIX028E

<function name>: ERRNO=<errno>,< error text>.

Severity: Error

Explanation: The specified SAS/C runtime library function specified by <function name> has failed. <errno> is the value of the SAS/C runtime ERRNO variable at the time the function failed. <error text> provides a brief description of the error.

System action: The system action depends on the <function name>
 accept - See VAIX095
 bind - See VAIX114 or VAIX126
 getclientid - See VAIX094
 listen - See VAIX089
 selectecb - See VAIX106 or VAIX107
 takesocket - See VAIX044

User response: Verify that the contents of the logged message match the behavior listed below. A related VAIX142 message also will be logged with this message. If ERRNO=0014, a related VAIX143 message also will be logged with this message. Evaluate the contents of the SYSTERM output for a detailed run-time library diagnostic. See [Chapter 9, "SAS/C Runtime Library Messages,"](#) on page 261 for more information.

VAIX028E accept: ERRNO = 0014, Operating system interface failure.

Severity: Error

Explanation: This error occurs when the IBM TCP operator has dropped the connection.

System action: See VAIX095.

User response: None.

VAIX028E accept: ERRNO = 2000, Unknown errno value.

Severity: Error

Explanation: This error occurs when the INTERLINK TCPaccess address space is shutting down.

System action: See VAIX095.

User response: None.

VAIX028E accept: ERRNO = 2007, Unknown errno value.

Severity: Error

Explanation: This error occurs when the INTERLINK TCPaccess address space is shutting down.

System action: See VAIX095.

User response: None.

VAIX028E bind: ERRNO = 0037, Socket address is already being used.

Severity: Error

Explanation: TCP cannot bind a socket to a port probably because another server is using this port.

System action: See VAIX126 and VAIX114.

User response: See VAIX126 and VAIX114.

VIAX028E getclient ID: ERRNO = 0039, local host's network down or inaccessible.

Severity: Error

Explanation: The IBM TCP/IP address space is unavailable.

System action: See VAIX144.

User response: Verify the contents of the logged message VAIX132. Verify that the IBM TCP/IP with this TCPJOBNAME is running.

VIAX028E getclient ID: ERRNO = 2001, Unknown errno value.

Severity: Error

Explanation: The INTERLINK TCPaccess address space is unavailable.

System action: See VAIX144.

User response: Verify the contents of the logged message VAIX133. Verify that the INTERLINK TCPaccess address space with this SUBSYSID is running.

VAIX032T <operator reply debug console message>.

Severity: Trace

Explanation: This message is written only when 'X' is in the LOGR trace-list.

System action: None.

User response: None. To turn off the logging of this message, use the LOGR ALTER operator command to remove 'X' from the LOGR trace-list.

VAIX033I STATE(*state*): STARTING(*#starting*) ACTIVE(*#active*)
AVAIL(*#avail*) MAX(*#maxsession*).

Severity: Information

Explanation: This is the reply of the XTCP STATE operator command, where:

state is one of "IN SERVICE", "SHUTTING DOWN" or "ON HOLD".

#starting is the current number of starting task.

#active is the current number of active task.

#avail is the current number of available connection slot.

#maxsession is the maximum of connections for which the server is configured.

System action: None.

User response: None.

VAIX044E Tnnnnnnnn, Failure to synchronize with the TCP/IP NIM, ReasonCode X'xxxx'.

Severity: Error

	<p>Explanation: An attached task with id=<i>Tnnnnnnnn</i> had a problem while synchronizing with the TCP/IP NIM. The reason code is one of the following:</p> <p>X'0506': The function setsockimp has failed.</p> <p>X'0508': The function takesocket has failed.</p> <p>X'0571': The function setenv has failed.</p> <p>X'05xx': Control block validation problems occurred. Contact MERANT technical support.</p> <p>System action: The starting Task will end and the transport connection will be closed by the TCP/IP NIM.</p> <p>User response: A detailed SAS C runtime diagnostic message will be written to SYSTERM and a VAIL028E will be logged containing the a specific reason why this functions fails. See also VAIX101E.</p>
VAIX064E	<p>Operator command <_____> unknown.</p> <p>Severity: Error</p> <p>Explanation: The TCP/IP NIM command was not recognized.</p> <p>System action: Command ignored.</p> <p>User response: Enter a valid TCP/IP NIM command.</p>
VAIX067E	<p>NAME-parameter of SHOW command has an invalid value: NAME=ALL or NAME=<i>Tnnnnnnnn</i>.</p> <p>Severity: Error</p> <p>Explanation: An incorrect parameter was used for the SHOW command.</p> <p>System action: Command ignored.</p> <p>User response: Supply the correct parameter for the SHOW command—either NAME=ALL or NAME=<i>Tnnnnnnnn</i>.</p>
VAIX068E	<p>NAME-parameter of CLOSE command has an invalid value: NAME=<i>Tnnnnnnnn</i>.</p> <p>Severity: Error</p> <p>Explanation: An incorrect parameter was used for the CLOSE command.</p> <p>System action: Command ignored.</p>

	User response:	Supply the correct parameter for the CLOSE command— NAME=Tnnnnnnn.
VAIX069E	SET-parameter of TRACE command has an invalid value: SET=ON, SET=OFF, or SET=?.	
	Severity:	Error
	Explanation:	An incorrect parameter was used for the TRACE command.
	System action:	Command ignored.
	User response:	Supply the correct parameter for the TRACE command— SET=ON, SET=OFF, or SET=?.
VAIX071I	TRACE is ON.	
	Severity:	Information
	Explanation:	Tracing is turned on.
	System action:	None.
	User response:	None.
VAIX072I	TRACE is OFF.	
	Severity:	Information
	Explanation:	Tracing is turned off.
	System action:	None.
	User response:	None.
VAIX075W	No active task found with NAME=_____.	
	Severity:	Warning
	Explanation:	The TCP/IP NIM cannot find an active task matching the supplied task name.
	System action:	None.
	User response:	Use the SHOW NAME=ALL command and verify that the task is still active.
VAIX077I	TASKNAME PEER IP-ADDRESS SERVICE STATE RECEIVED/SENT.	
	Severity:	Information
	Explanation:	This is the header of output of the active connection state list. See VAIX078I.

	System action:	None.
	User response:	None.
VAIX078I	<i>Tnnnnnnnn</i> address..port state <i>ssssssssss</i> received/sent.	
	Severity:	Information
	Explanation:	One entry of output of the active connection state list where: <i>Tnnnnnnnn</i> - is the thread ID of the service task. <i>address..port</i> - is the IP address/port of the connected client. <i>ssssssssss</i> - is the service name defined in the SequeLink configuration file in the service entry. <i>state</i> -flags a 4-byte set of flags representing the current status of the task. <i>received/sent</i> - number of messages received or sent.
	System action:	None.
	User response:	None.
VAIX079I	SequeLink normal shutdown initiated.	
	Severity:	Information
	Explanation:	The SequeLink Server is shutting down.
	System action:	All inactive open connections are closed. The TCP/IP NIM waits until all active subtasks end before closing them.
	User response:	None.
VAIX080I	SequeLink immediate shutdown initiated.	
	Severity:	Information
	Explanation:	The SequeLink Server is shutting down.
	System action:	All inactive open connections are closed. The TCP/IP NIM does not wait until subtasks end before closing them.
	User response:	None.
VAIX081W	CNTL Event with value X'xxxxxxxx' ignored.	
	Severity:	Warning

Explanation: The TCP/IP NIM received an unknown event from the control task.

System action: The event was ignored.

User response: Make sure that the correct TCP/IP network module is being used.

VAIX082I

SERVICE PORT# SOCKET.

Severity: Information

Explanation: Header of output of the service state list. See VAIX083I.

System action: None.

User response: None.

VAIX083I*ssssssss pppp oooo .*

Severity: Information

Explanation: One entry of the service state list where:
ssssssss - is the service name defined in the SYSINI file in the service entry.
pppp - is the TCP port number used by the service.
oooo - is the socket number used by the service.

System action: None.

User response: None.

VAIX084I

_____-shutdown notify sent to task _____.

Severity: Information

Explanation: The TCP/IP NIM has received a CLOSE command from the operator. The system has notified all active subtasks.

System action: All subtasks are ended.

User response: None.

VAIX085I

LISTENER ON HOLD: All incoming client connections will be denied from now on.

Severity: Information

Explanation: A LGNSTOP command was issued.

System action: None.

User response: None.

VAIX089E	Cannot do passive open service_____ on PORT _____. Severity: Error Explanation: The socket-function listen() failed. System action: The requested service will be rejected by the TCP/IP NIM. User response: None.
VAIX090W	Marking service_____ on PORT ____ reusable. Severity: Warning Explanation: The socket-function setsockopt() failed. System action: The error is ignored. User response: None.
VAIX092I	Service request to <i>ssssssss</i> from <i>aaa . aaa . aaa . aaa</i> STARTED. Severity: Information Explanation: The TCP/IP NIM successfully handled the specific request. System action: A Task Attach request has been enqueued to the Server Control Task. User response: None.
VAIX093W	Service request to <i>ssssssss</i> from <i>aaa . aaa . aaa . aaa</i> DENIED. Severity: Warning Explanation: The TCP/IP NIM denied the connection because of its state or lack of resources. System action: The associated transport connection is closed. User response: None.
VAIX094E	Service request to <i>ssssssss</i> from <i>aaa . aaa . aaa . aaa</i> FAILED. Severity: Error Explanation: The TCP/IP NIM denied the connection because of a system/VAI core malfunction. System action: The associated transport connection is closed. User response: None.
VAIX095I	Service <i>ssssssss</i> using port <i>ppppp</i> is no longer available. Severity: Information

Explanation: The specified service cannot be used because of previous logged accept() failures.

System action: The associated passive open socket is closed.

User response: None.

VAIX096E

VAI-Interface Routine rrrrrrrr FAILS: rc=D'cccc'.

Severity: Error

Explanation: This is a VAI core component error.

System action: The operation in progress is cancelled.

User response: None.

VAIX098I

NORMAL-shutdown notify sent to task Tnnnnnnnn

IMMED-shutdown notify sent to task Tnnnnnnnn

Severity: Information

Explanation: The specified active task has been notified to leave the system.

System action: None.

User response: None.

VAIX099I

Task Tnnnnnnnn is serving service request to ssssssss from
aaa . aaa . aaa . aaa .

Severity: Information

Explanation: An attached task has taken over the request successfully.

System action: None.

User response: None.

VAIX100E

Started task for service request to ssssssss ENDED
HALF-SYNCHRONIZED: D'_____ '.

Severity: Error

Explanation: A transport provider malfunction occurred or the client has disconnected very quickly.

System action: The associated transport connection is closed.

User response: Check for other logged messages. A more detailed SAS CRTL error trace will be written to SYSTEM.

VAIX101E	Service request to <i>ssssssss</i> ENDED WITHOUT SYNCHRONIZATION: D'____'.	
	Severity:	Error
	Explanation:	No task was attached or the attached task failed to synchronize.
	System action:	The associated transport connection is closed.
VAIX102I	User response:	Check the previous message logged by the server control task.
	Active task <i>Tnnnnnnn</i> has ended.	
	Severity:	Information
	Explanation:	The specified task has ended. This message will be displayed only when tracing is on (XTCP TRACE SET=ON).
VAIX103I	System action:	None.
	User response:	None.
	<i>n/m</i> service entries accepted.	
	Severity:	Information
VAIX106E	Explanation:	<i>n</i> services out of a total of <i>m</i> service entries that are defined in the SYSINI will be served by the listener.
	System action:	When <i>n</i> is 0, the listener will not start.
	User response:	Evaluate <i>n</i> and <i>m</i> in your DataModel Service definition.
	TCP/IP is DOWN.	
VAIX107E	Severity:	Error
	Explanation:	Your TCP/IP network is not responding or you have lost contact with your TCP/IP protocol stack.
	System action:	The listener will shut down.
	User response:	Check your network to see why your TCP/IP network is not responding.
VAIX107E	Unexpected condition, going DOWN.	
	Severity:	Error
	Explanation:	A failure of the functions selectecb() and ecbpause() occurred.
	System action:	The listener will shut down.

User response: Examine the logged message associated with the failure of these functions. The TCP/IP protocol stack may no longer be active.

VAIX108I

GoodBye...

Severity: Information

Explanation: The listener is stopping.

System action: The listener will stop.

User response: None.

VAIX109T

Beating...

Severity: Trace

Explanation: A beat is being received from the beater task.

System action: None.

User response: None.

System action: The requested service will be rejected by the TCP/IP NIM.

User response: None.

VAIX111E

Service *SSSSSSSS* NOT accepted: service is not active.

Severity: Error

Explanation: *SSSSSSSS* is a SequeLink service name. The specified service is marked inactive during server control task startup.

System action: The requested service will be rejected by the TCP/IP NIM.

User response: None. The server control task (SCT) has rejected this SequeLink service.

VAIX112E

Service *SSSSSSSS* NOT accepted: could not resolve port.

Severity: Error

Explanation: *SSSSSSSS* is a service name. The server cannot resolve the TCP port to bind the specified service.

System action: The requested service will be rejected by the TCP/IP NIM.

User response: Verify that a correct PORT value is specified in the DataModel. Verify that the service name is defined in the ETC.SERVICES dataset.

VAIX113E	<p>Service <i>ssssssss</i> NOT accepted: allocation failure.</p> <p>Severity: Error</p> <p>Explanation: <i>ssssssss</i> is a service name.</p> <p>System action: The requested service will be rejected by the TCP/IP NIM.</p> <p>User response: None.</p>
VAIX114E	<p>Service <i>ssssssss</i> NOT accepted: open/bind failure.</p> <p>Severity: Error</p> <p>Explanation: <i>ssssssss</i> is a service name. Failed to open a new endpoint and bind it to a local address.</p> <p>System action: The requested service will be rejected by the TCP/IP NIM.</p> <p>User response: Refer to the previous logged VAIX028E message for details. A common cause for this error is that another service or job has already been bound to the same local address. You can use the TCP netstat command to view the current bound addresses.</p>
VAIX116W	<p>Service request to <i>ssssssss</i> from <i>aaa . aaa . aaa . aaa</i> DENIED: <NIM MAXSESSION> too many TCP/IP sessions are open.</p> <p>Severity: Warning</p> <p>Explanation: <i>ssssssss</i> is a service name. <i>aaa . aaa . aaa . aaa</i> is a client IP address. The TCP/IP NIM denied the connection, because the TCP/IP MAXSESSION parameter was exceeded.</p> <p>System action: A refuse message is sent to the requester and the associated transport connection is closed.</p> <p>User response: The SequeLink administrator may want to increase the value of the MSVTcpMaxSession parameter for the next SequeLink Server startup.</p>
VAIX117W	<p>Service request to <i>ssssssss</i> from <i>aaa . aaa . aaa . aaa</i> DENIED: <SOCKET> too many TCP/IP sessions are open.</p> <p>Severity: Warning</p> <p>Explanation: <i>ssssssss</i> is a service name. <i>aaa . aaa . aaa . aaa</i> is a client IP address. The TCP/IP NIM denied the connection, because too many sockets were open at the same time.</p> <p>System action: The associated transport connection is closed.</p>

User response: None.

VAIX118W

Service request to *ssssssss* from *aaa . aaa . aaa . aaa* DENIED: <STOPPED> service is not active.

Severity: Warning

Explanation: *ssssssss* is a service name. *aaa . aaa . aaa . aaa* is a client IP address. The TCP/IP NIM denied the connection, because the specified service is temporarily unavailable.

System action: The associated transport connection is closed.

User response: An authorized operator can use the CNTL ALTER command to make this service available.

VAIX119W

Service request to *ssssssss* from *aaa . aaa . aaa . aaa* DENIED: <SERVICEMAXSESSION> too many service tasks are open.

Severity: Warning

Explanation: *ssssssss* is a SequeLink service name. The TCP/IP NIM denied the connection, because the MAXSESSION parameter was exceeded.

System action: A refuse message is sent to the requester and the associated transport connection is closed.

User response: An authorized operator can use the CNTL ALTER command to increase the value of the Service MAXSESSION parameter.

VAIX120W

Service request to *ssssssss* from *aaa . aaa . aaa . aaa* DENIED: <SOS> short on storage.

Severity: Warning

Explanation: *ssssssss* is a SequeLink service name. The TCP/IP NIM denied the connection, because storage capacity is low.

System action: A refuse message is sent to the requester and the associated transport connection is closed.

User response: None.

VAIX121W

MAXIMUMSESSIONS parameter value (____) too low; value must be higher than ____'.

Severity: Warning

Explanation: The MVSTcpMaxSession parameter must be greater than or equal to 8.

System action: SequeLink starts up with default maximum sessions = 8.

User response: Correct the MVSTcpMaxSession parameter and restart the SequeLink Server.

VAIX122W MAXIMUMSESSIONS parameter value (____) too high; value must be lower than ____'.

Severity: Warning

Explanation: The MVSTcpMaxSession parameter must be lower than or equal to 2048.

System action: SequeLink starts up with maximumsessions=2048.

User response: Correct the MVSTcpMaxSession parameter and restart the SequeLink Server.

VAIX123W SOSLIMIT parameter value (____) too high; value must be lower than ____K'.

Severity: Warning

Explanation: The MVSGlobalSosLIMIT parameter must be less than or equal to 2048 KB.

System action: SequeLink starts up with SOSLIMIT=2048 KB.

User response: Correct the parameter and restart SequeLink Server.

VAIX124E Service *ssssssss* NOT accepted: port out of range.

Severity: Error

Explanation: The port number must be in the range 0 to 65534.

System action: The SequeLink service will not be active. No connection can be made.

User response: Verify the ServiceConnectInfo parameter of the rejected service in the SequeLink configuration file.

VAIX126E Cannot bind service *ssssssss* to port *ppppp*.

Severity: Error

Explanation: *ssssssss* is a service name and *pppp* is a TCP port number. TCP can not bind the specified port because another server is already using this port.

System action: The requested service will be rejected by the TCP/IP NIM.

User response: Use the netstat command to identify which server is using this TCP port.

- VAIX130E** Service '*ssssssss*' did not set the *tacbacb*, an incorrect load module is used.
- Severity: Error
- Explanation: Incorrect load module was used.
- System action: The system tries to recover.
- User response: Stop SequeLink Server and verify that the installed modules in the server STEPLIB.
- VAIX131E** Failure to read configuration parameters from DataModel.
- Severity: Error
- Explanation: The TCP/IP NIM can not read the required configuration parameters.
- System action: The SequeLink Server will not start.
- User response: Verify that the SequeLink configuration file is correct, and the MVSGlobal instance is present. (A VAIX020E message with Error trace information may follow.)
- VAIX132I** Configured for IBM TCP/IP with *TCPIPJOBNAME=(tcpip_proc)*.
- Severity: Information
- Explanation: This message is displayed after the TCP/IP NIM has read the DataModel parameters and is validating them.
- System action: IBM TCP/IP v3.2 or compatible will be used. *tcpip_proc* specifies the name of the TCP/IP address space to contact.
- User response: Verify that the name of the TCP/IP address space is correct.
- VAIX133I** Configured for INTERLINK TCPaccess with *SUBSYSID=(ssid)*.
- Severity: Information
- Explanation: This message is displayed after the TCP/IP NIM has read the DataModel parameters and is validating them.
- System action: INTERLINK TCPaccess v5.2 will be used. *ssid* specifies the subsystem identifier of the InterLink TCPaccess to contact.
- User response: Verify that the name of the subsystem identifier of the InterLink TCPaccess is correct.

VAIX134E	Missing MVSTCPJobName or MVSICSSubSysID setting in Datamodel.
Severity:	Error
Explanation:	The TCP/IP NIM can not determine which TCP/IP stack to use.
System action:	The SequeLink Server will <i>not</i> start.
User response:	Modify the MVSGlobal instance in your SequeLink configuration file: <ul style="list-style-type: none"> ■ For IBM TCP/IP, add the MVSTCPJobName attribute. ■ For INTERLINK TCPaccess, add the MVSICSSubSysID attribute.
VAIX135E	Unknown TCP provider identifier with value X'xxxxxxx'.
Severity:	Error
Explanation:	The TCP/IP NIM can not determinate which TCP/IP stack to use.
System action:	The SequeLink Server will <i>not</i> start.
User response:	This is an internal error. Contact MERANT technical support.
VAIX136E	Invalid TACBOPRI field : 'zzzz'.
Severity:	Error
Explanation:	The TCP/IP NIM contains an invalid operator id field. It should contain 'XTCP'.
System action:	The SequeLink Server will <i>not</i> start.
User response:	This is an internal error. Contact MERANT technical support.
VAIX137I	Configured for a maximum of dddd TCP/IP connections.
Severity:	Information
Explanation:	This message is displayed after the TCP/IP NIM has read and is validating its DataModel parameters.
System action:	This is the MAXIMUMSESSIONS value used by the TCP/IP NIM.
User response:	Verify that this value is correct.

VAIX138E	<p>LDA eye-catcher mismatch, SOSLIMIT disabled.</p> <p>Severity: Error</p> <p>Explanation: Mismatch with system control block.</p> <p>System action: SOSLIMIT feature will be turned off, the TCP/IP NIM continues.</p> <p>User response: If this problem persists, take a DUMP of System area.</p>
VAIX139I	<p>Configured with SOSLIMIT values, Total aaaa K, <16M bbbb K.</p> <p>Severity: Information</p> <p>Explanation: This message is displayed after the TCP/IP NIM has read and is validating the SequeLink configuration file parameters. The SOS Limit feature is enabled.</p> <p>System action: See VAIX120W and VAIX0141W.</p> <p>User response: None.</p>
VAIX140I	<p>User Region Size : <16M aa M, >16M bbb M.</p> <p>Severity: Information</p> <p>Explanation: This message gives an indication of the amount of storage the SequeLink Server can use. These values depend on the JCL REGION parameter.</p> <p>System action: None.</p> <p>User response: None.</p>
VAIX141W	<p>Service request to <i>ssssssss</i> from <i>aaa . aaa . aaa . aaa</i> not started, Short on Storage below the 16M line.</p> <p>Severity: Warning</p> <p>Explanation: <i>ssssssss</i> is a service name. <i>aaa . aaa . aaa . aaa</i> is a client IP address. The TCP/IP NIM has denied the incoming client connection because storage capacity below the 16 MB line is low.</p> <p>System action: The associated transport connection is closed.</p> <p>User response: None.</p>
VAIX142E	<p><function name> : Associated SAS/C® runtime library diagnostic message LSCX[num].</p> <p>Severity: Error</p>

Explanation: The given function has failed and the SAS/C® run time library diagnostic message LSCX[num] is written to the SYSTERM output.

System action: None.

User response: Evaluate the detailed SAS/C® run-time library diagnostic message written to SYSTERM output. This diagnostic output is described in SAS/C® Run-time Library messages on OS/390.

VAIX143E

<function name> : Failing System Macro <macname> , ReturnCode X'xxxxxxx', ReasonCode X'yyyyyy'.

Severity: Error

Explanation: The function has failed, because the TCP/IP call specified in <macname> failed with ReturnCode xxxxxxxx and ReasonCode yyyyyy. See also VAIX028.

The specific cause is described in the accompanying message, as shown in the following examples.

System action: None.

User response: When the ReturnCode is X'FFFFFFFF', consult *IBM OS/390 OpenEdition Messages and Codes* for an explanation of the ReasonCode yyyyyy.

VAIX143E accept : Failing System Macro EZASMI ACCEPT , ReturnCode X'FFFFFFFF', ReasonCode X'00000071'.

Severity: Error

Explanation: The file descriptor is incorrect.

System action: None.

User response: None. This error occurred because the IBM TCP operator has dropped the connection.

VAIX143E getclientid : Failing System Macro EZASMI GCLNTID , ReturnCode X'FFFFFFFF', ReasonCode X'0000009C'.

Severity: Error

Explanation: Process Initialization error.

System action: None.

User response: OpenEdition problem. One common reason is that the started task or the owner of the submitted job does not have an OMVS segment defined in RACF. Check whether the OMVS shell is working for this user.

VAIX144E

TCP/IP Socket Library initialization failure.

Severity: Error

Explanation: The first call to the TCP/IP socket library, which is currently the function getclientid, fails.

System action: The TCP/IP NIM will end abnormally with CC=000050.

User response: See logged message VAIX028, VAIX142, and VAIX143.

VAIX145E

Not all SequeLink Service started up.

Severity: Error

Explanation: At least one of the SequeLink Services encountered some problems.

System action: The server is started up, but some SequeLink Services will not be available.

User response: Check the SequeLink Server Log (VAILOGP) for more information.

9 SAS/C Runtime Library Messages

The SequeLink Server and SequeLink Manager on OS/390 use the SAS/C® run-time library. The SAS/C® run-time library generates messages for unusual conditions detected during program execution. These messages are written to the SYSTERM output of the SequeLink Server Job.

With SequeLink Manager, these messages are normally written to the terminal.

SAS/C run-time library diagnostic messages have the form

```
LSCX[num] **** [severity] **** ERRNO = [errno value]
      Generated in [function] called from line [num] of
      [function], offset [hex]
      [C++/Extended] name: [fullname]
      [message text]
      Interrupted while: [context]
```

where [*severity*] is one of the following:

NOTE describes a condition that permits program execution to continue, but which is not communicated to the caller of the routine; errno is usually not set.

WARNING describes a condition that permits program execution to continue; however, the routine that detected the condition returns an error indication to its caller. When a library WARNING is issued, the errno variable is set. Usually an error code is returned from the function that detected the condition. Most library messages are WARNINGS.)

ERROR describes a condition that forces program termination, usually with an ABEND.

For an explanation of LSCX messages, refer to your SAS/C documentation.