



# **SequeLink<sup>®</sup>**

## Troubleshooting Guide and Reference

June 2002

© 2002 DataDirect Technologies. All rights reserved. Printed in the U.S.A.

DataDirect, DataDirect Connect, and SequeLink are registered trademarks, and Client/Server MiddleWare, DataDirect Connect ADO, DataDirect Connect Integrator, DataDirect Connect JDBC, DataDirect Connect ODBC, DataDirect Connect OLE DB, DataDirect Connect Premium, DataDirect Reflector, and DataDirect SequeLink Integrator are trademarks of DataDirect Technologies. All other trademarks are the property of their respective owners.

Portions created by Netscape are Copyright (C) 1998-1999 Netscape Communications Corporation. All Rights Reserved.

Portions created by Eric Young are Copyright (C) 1995-1998 Eric Young. All Rights Reserved.

This product includes Xerces, developed by the Apache Software Foundation (<http://www.apache.org>). Copyright (C) 1999-2000 The Apache Software Foundation. All rights reserved.

This product includes Xalan, developed by the Apache Software Foundation (<http://www.apache.org>). Copyright (C) 1999-2000 The Apache Software Foundation. All rights reserved.

This product includes JDOM, developed by the JDOM Project (<http://www.jdom.org>). Copyright (C) 2000 Brett McLaughlin & Jason Hunter. All rights reserved.

No part of this publication, with the exception of the software product user documentation contained in electronic format, may be copied, photocopied, reproduced, transmitted, transcribed, or reduced to any electronic medium or machine-readable form without prior written consent of DataDirect Technologies.

Licensees may duplicate the software product user documentation contained on a CD-ROM, but only to the extent necessary to support the users authorized access to the software under the license agreement. Any reproduction of the documentation, regardless of whether the documentation is reproduced in whole or in part, must be accompanied by this copyright statement in its entirety, without modification.

U.S. GOVERNMENT RESTRICTED RIGHTS. It is acknowledged that the Software and the Documentation were developed at private expense, that no part is in the public domain, and that the Software and Documentation are Commercial Computer Software provided with RESTRICTED RIGHTS under Federal Acquisition Regulations and agency supplements to them. Use, duplication or disclosure by the U.S. Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of The Rights in Technical Data and Computer Software clause at DFAR 252.227-7013 et. seq. or subparagraphs (c)(1) and (2) of the Commercial Computer Software Restricted Rights at FAR 52.227-19, as applicable. Contractor is DataDirect Technologies, 3202 Tower Oaks Blvd. Suite 300, Rockville, Maryland 20852. Rights are reserved under copyright laws of the United States with respect to unpublished portions of the Software.

DataDirect Technologies  
3202 Tower Oaks Blvd. Suite 300  
Rockville, Maryland 20852

# Table of Contents

|  |           |
|--|-----------|
| <b>Preface</b> .....   | <b>7</b>  |
| What Is DataDirect SequeLink? .....                          | 7         |
| Using This Book .....  | 7         |
| SequeLink Documentation .....                                | 9         |
| Conventions Used in This Book .....                          | 11        |
| Typographical Conventions .....                              | 11        |
| Environment-Specific Information .....                       | 12        |
| Ordering Printed Books .....                                 | 13        |
| Contacting Technical Support .....                           | 15        |
| <br><b>Part 1: Troubleshooting</b>                           |           |
| <br><b>1 Troubleshooting Tools</b> .....                     | <b>19</b> |
| Troubleshooting the SequeLink ODBC Driver .....              | 19        |
| Troubleshooting the SequeLink ADO Provider .....             | 20        |
| Troubleshooting the SequeLink JDBC Driver .....              | 21        |
| Configuring JDBCTest .....                                   | 22        |
| Starting JDBCTest .....                                      | 23        |
| Making a JDBCTest Connection .....                           | 23        |
| <br><b>2 Troubleshooting TCP/IP Connection Problems</b> .... | <b>29</b> |
| Establishing a TCP/IP Connection .....                       | 29        |
| Connection Handshaking .....                                 | 31        |

**3 Troubleshooting Your Database Connection . . . . . 33**

|  |    |
|--|----|
| Changing the Service Connection Model . . . . .                                | 34 |
| Connecting with SequeLink ODBC Socket Server . . . . .                         | 35 |
| Using the SequeLink ODBC Socket Service<br>with Connect ODBC Drivers . . . . . | 35 |
| Using the SequeLink ODBC Socket Service with<br>IBM DB2 Driver . . . . .       | 37 |
| Analyzing SequeLink ODBC Socket Service Problems . . .                         | 38 |
| Releasing Locks Held by Disassociated DB2 Threads . . . . .                    | 39 |

**Part 2: Error Codes and Messages**

**4 Using Debug Log Files. . . . . 43**

|  |    |
|--|----|
| SequeLink Debug Log Files . . . . .  | 43 |
| SequeLink Server Session Debug Log File . . . . .                              | 43 |
| SequeLink Service Debug Log File . . . . .                                     | 46 |
| Configuring Logging . . . . .  | 50 |
| Configuring Logging Using the SequeLink Manager<br>Snap-in . . . . .           | 51 |
| Configuring Logging Using the SequeLink Manager<br>Command-Line Tool . . . . . | 52 |
| Configuring Logging Using the SequeLink Manager<br>for OS/390 . . . . .        | 53 |
| Changing the Debug Log Level for Active Services<br>and Sessions . . . . .     | 55 |
| Changing the Debug Log Level for an Active Service . . .                       | 55 |
| Changing the Debug Log Level for an Active Session . . .                       | 57 |
| Multi-Platform Log Messages . . . . .  | 59 |

|  |   |            |
|--|---|------------|
| <b>5</b>   | <b>Overview of Error Codes and Messages</b> | <b>61</b>  |
|  | SequeLink ODBC Driver                       | 62         |
|  | SequeLink ODBC Driver Errors                | 62         |
|  | SequeLink Client Errors                     | 63         |
|  | SequeLink Server Errors                     | 63         |
|  | Database Errors                             | 64         |
|  | SequeLink ADO Provider                      | 64         |
|  | SequeLink ADO Provider Errors               | 64         |
|  | SequeLink Client Errors                     | 65         |
|  | SequeLink Server Errors                     | 65         |
|  | Database Errors                             | 66         |
|  | SequeLink JDBC Driver                       | 67         |
|  | SequeLink JDBC Driver Errors                | 67         |
|  | SequeLink Server Errors                     | 68         |
|  | Database Errors                             | 68         |
| <b>6</b>   | <b>Error Messages</b>                       | <b>69</b>  |
|  | SequeLink Legacy Server Error Messages      | 199        |
| <b>Part 3: OS/390 Log Messages and Reference</b> |   |            |
| <b>7</b>   | <b>Overview of OS/390 Log Messages</b>      | <b>221</b> |
|  | Message Categories                          | 221        |
|  | Message Severity                            | 222        |
|  | Message Descriptions                        | 222        |
| <b>8</b>   | <b>OS/390 Messages and Descriptions</b>     | <b>223</b> |
|  | Operator Interface Messages                 | 223        |
|  | SMF Interface Messages                      | 230        |
|  | DB2 Application Support Package Messages    | 231        |
|  | Multiplatform Log Messages                  | 247        |

Server Controller Task Messages . . . . . 249

Resource Manager Messages. . . . . 283

ThreadPool Task Messages. . . . . 285

**9   SAS/C Runtime Library Messages. . . . .289**

# Preface

This book provides information about error codes and messages that may be generated when you use DataDirect® SequeLink® from DataDirect Technologies. 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), JDBC, and ActiveX Data Objects (ADO).

---

## 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 29](#) describes problems that can occur during TCP/IP connections.
- [Chapter 3 “Troubleshooting Your Database Connection” on page 33](#) provides information to help you identify the source of connection problems.
- [Chapter 4 “Using Debug Log Files” on page 43](#) describes how to use log files to troubleshoot problems.

## **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 221](#) describes how OS/390 log messages are organized and formatted.
- [Chapter 8 “OS/390 Messages and Descriptions” on page 223](#) 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 289](#) 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 DataDirect Technologies. Because it is the nature of Web content to change frequently, DataDirect Technologies can guarantee only that the URLs referenced in this book were correct at the time of publishing.

---

# SequeLink Documentation

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>               |
| Using jXTransformer for XML-to-RDBMS interoperability                     | <i>jXTransformer User's Guide</i>                    |
| Troubleshooting and referencing error messages                            | <i>SequeLink Troubleshooting Guide and Reference</i> |

SequeLink documentation is provided on your DataDirect CD in PDF format, which allows you to view it online or print it. You can view the SequeLink online documentation using Adobe Acrobat Reader. The DataDirect CD includes Acrobat Reader 5.x with Search for Windows, and Acrobat Reader 4.x with Search for UNIX. SequeLink product documentation is also available on the DataDirect Technologies Web site:

<http://www.datadirect-technologies.com/download/docs/dochome.asp>

On Windows and UNIX, you can choose to install the online books on your system. When installed, they are located in the books directory that is created beneath the SequeLink installation directory.

When you install the SequeLink Java Client, HTML-based online help for developing JDBC applications is placed by default in the help directory that is created beneath the SequeLink installation directory. To access help, you must have Internet Explorer 5.x or higher, or Netscape 4.x or higher installed. After you have opened the main screen of the help system in your browser (as descibed below), you can bookmark it in the browser for quick access later.

To access help from a GUI environment, navigate to the help directory and open the file:

```
help/wwhelp/js/html/frames.htm
```

To access help from a command-line environment, at a command prompt, enter:

```
browser_exe install_dir/help/wwhelp/js/html/frames.htm
```

where *browser\_exe* is the name of your browser executable and *install\_dir* is the path to the SequeLink installation directory.

---

# 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.  |
| <b>bold</b>               | Emphasizes important information. Also indicates button, menu, and icon names on which you can act. For example, click <b>Next</b> .   |
| 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.<br><br>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.<br><br>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: SELECT [DISTINCT], DISTINCT is an optional keyword.<br><br>Also indicates sections of the Windows Registry.                        |
| braces { }     | Indicates that you must select one item. For example, {yes   no} 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. |

## 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 98, Windows Me, Windows NT, Windows 2000, and Windows XP 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>Windows XP.</i> Information specific to the Microsoft Windows XP environment is identified by the Windows symbol and the letters "XP".                           |

**Symbol    Environment**

*UNIX*. 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*

*OS/390*. Information specific to OS/390 and z/OS environments is identified by the characters 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 DataDirect Technologies. To order, please complete the following order form and fax your request to DataDirect Technologies at (919) 461-4526.

# Order Form

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

SequeLink Key: \_\_\_\_\_

Ordered By: \_\_\_\_\_ Phone: ( \_\_\_\_ ) \_\_\_\_ - \_\_\_\_\_

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

Credit Card Number: 

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

Expiration: 

|  |  |  |  |
|--|--|--|--|
|  |  |  |  |
|--|--|--|--|

 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>jXTransformer User's Guide</i>                    | \$35.00  |          |       |
| <i>SequeLink Troubleshooting Guide and Reference</i> | \$35.00  |          |       |
| <i>Getting Started with SequeLink Legacy Server</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

DataDirect Technologies provides technical support for registered users of this product, including limited installation support, for the first 30 days. Register online for your SupportLink user ID and password for access to the password-protected areas of the SupportLink web site at [http://www.datadirect-technologies.com/support/support\\_index.asp](http://www.datadirect-technologies.com/support/support_index.asp). Your user ID and password are issued to you by email upon registration.

For support after 30 days, contact us using one of the methods listed below or purchase further support by enrolling in the SupportLink program. For more information about SupportLink, contact your sales representative.

The DataDirect Technologies web site provides the latest support information through SupportLink Online, our global service network providing access to support contact details, tools, and valuable information. Our SupportLink users access information using the web and automatic email notification. SupportLink Online includes a knowledge base so you can search on keywords for technical bulletins and other information. You also can download product fixes and upgrades for your DataDirect products.

### World Wide Web

[http://www.datadirect-technologies.com/support/support\\_index.asp](http://www.datadirect-technologies.com/support/support_index.asp)

### E-Mail

|                         |  |
|-------------------------|--|
| USA, Canada, and Mexico | <a href="mailto:datadirect.answerline@datadirect-technologies.com">datadirect.answerline@datadirect-technologies.com</a>         |
| Japan                   | <a href="mailto:jpn.answerline@datadirect.co.jp">jpn.answerline@datadirect.co.jp</a>   |
| All other countries     | <a href="mailto:int.datadirect.answerline@datadirect-technologies.com">int.datadirect.answerline@datadirect-technologies.com</a> |

### Local Telephone Support

Local phone numbers can be found at:

[http://www.datadirect-technologies.com/support/support\\_contact\\_aline.asp](http://www.datadirect-technologies.com/support/support_contact_aline.asp)

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

### Fax Information

Fax US, Mexico, and Canada 1 919 461 4527

Fax EMEA +32 (0) 15 32 09 19

When you contact us, please provide the following information:

- The **product serial number** or a case number. If you do not have a SupportLink 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 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 1: 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 29](#) provides information on the types of problems that can occur with TCP/IP connections.
- [Chapter 3 “Troubleshooting Your Database Connection” on page 33](#) provides information to help you identify the source of connection problem.
- [Chapter 4 “Using Debug Log Files” on page 43](#) 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, SequeLink JDBC driver, and SequeLink for OS/390.

---

## 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 Microsoft Platform SDK, 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\_03\_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/default.asp?url=/library/en-us/oledb/htm/samples.asp>.

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

---

# Troubleshooting the SequeLink JDBC Driver

JDBCTest is a tool that is included in the SequeLink package. It allows you to test and learn the JDBC API, and contains a tutorial that takes you through a working example of its use.

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.

## Configuring JDBCTest

The default JDBCTest configuration file is *installdir/jdbctest/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:

|                       |   |
|-----------------------|---|
| Drivers               | A list of colon-separated JDBC driver classes.  |
| DefaultDriver         | The default JDBC driver that appears in the Get Driver URL window.  |
| Databases             | A list of comma-separated JDBC URLs. The first item in the list appears as the default in the database selection window. 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. |
| InitialContextFactory | Should be set to <code>com.sun.jndi.fscontext.RefFSContextFactory</code> if you are using file system data sources, or <code>com.sun.jndi.ldap.LdapCtxFactory</code> if you are using LDAP.   |
| ContextProviderURL    | The location of the .bindings file if you are using file system data sources, or your LDAP Provider URL if you are using LDAP.  |
| Datasources           | A list of comma-separated JDBC data sources. The first item in the list appears as the default in the data source selection window.   |

## 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.

On Windows 9x and Me, double-clicking `jdbctest.bat` opens a DOS window and displays the error "Out of environment space." To prevent this, use the following procedure:

- a After installing SequeLink Java Client, locate the `jdbctest.bat` file in the `jdbctest` directory beneath the SequeLink Java Client installation directory.
- b Right-click **`jdbctest.bat`** and select **Properties**. After the properties display, select the Memory tab.
- c On the Memory tab, locate the Initial environment setting. From this drop-down list, select **1024**. Then, select the **Protected** check box. Click **OK**. A JDBCTest shortcut is created in the same directory with `jdbctest.bat`.
- d Double-click **`jdbctest.bat`** or the JDBCTest shortcut. JDBCTest will open normally without producing the error.

NOTE: Do not delete the JDBCTest shortcut; the 1024 environment setting will be lost if the shortcut is deleted.

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

## 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, make sure that a driver is specified, as in the following example; then, click **OK**.

```
com.ddtek.jdbc.sequelink.SequeLinkDriver
```

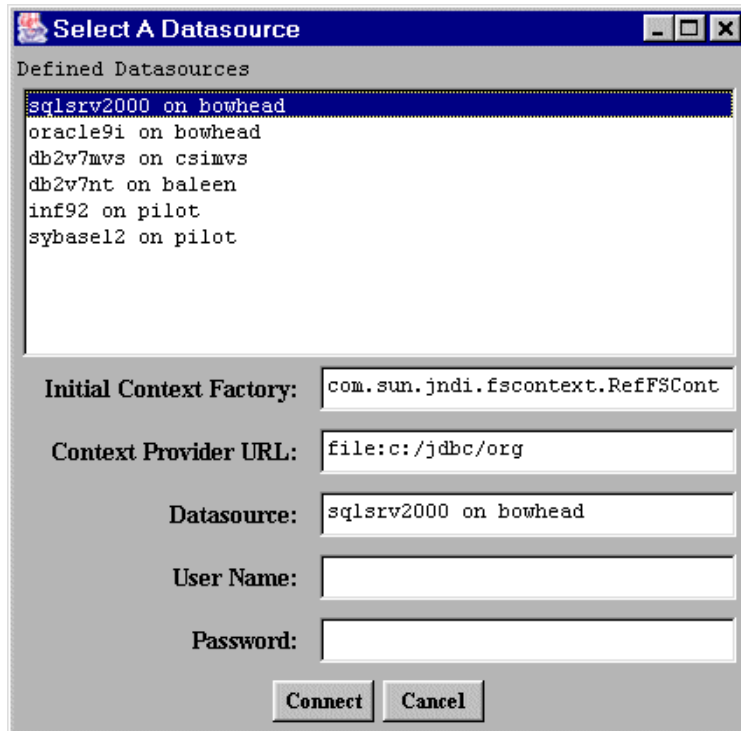
If the SequeLink JDBC Driver was registered successfully, the main JDBCTest window appears with a confirmation in the JDBC/Database Output scroll box.

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: The JDBCTest windows contain two Concatenate check boxes. Select a Concatenate check box to see a cumulative record of previous actions; otherwise, only the last action is shown. Be aware taht selecting Concatenate can degrade performance, particularly when displaying large resultSets.

- 3 Select **Connection / Connect to DB via Data Source**. JDBCTest displays the Select A Datasource window.



- 4 Select a data source from the Defined Datasources pane. In the User Name and Password fields, type the required user and password connection properties; then, click **Connect**. For information about JDBC connection properties, refer to the *SequeLink Developer's Reference*.

Click **Connect**. If the connection was successful, the Connection window appears and shows the `Connection Established` message in the JDBC/Database Output scroll box.

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, only the Java code of 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, [“Establishing a 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 [“Connection Handshaking”](#) on page 31.

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.

---

### Establishing a 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 specified server host using other TCP/IP applications, such as ping, telnet, ftp, or traceroute, if the requested service is available on that host. If other TCP/IP applications can connect to the server host, look for the following problems in SequeLink:
  - 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.

---

## Connection 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:

- 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.

- You may be connecting with a previous, incompatible version of the SequeLink Client (SequeLink 4.x) to a SequeLink 5.3 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 5.3 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 Troubleshooting Your Database Connection

Some problems occur when the client application attempts to connect to the database. This chapter provides information to help you identify the source of this type of connection problem.

- [“Changing the Service Connection Model” on page 34](#) describes how to avoid internal errors generated after the connection model of a service has changed.
- [“Connecting with SequeLink ODBC Socket Server” on page 35](#) explains how to identify and troubleshoot connection problems for the SequeLink ODBC Socket Server.
- [“Releasing Locks Held by Disassociated DB2 Threads” on page 39](#) helps you to troubleshoot problems that occur when a transaction branch becomes disassociated from the thread of control on a DB2 database.

---

## Changing the Service Connection Model

When you use the `ServiceConnectionModel` attribute to change the connection model for a service, the SequeLink service sometimes reports multiple internal errors. When you examine the SequeLink packet log, you see the following messages:

```
Wed Jan 10 10:39:45 2001:Internal error, error detected in the event
processor.
Wed Jan 10 10:39:45 2001:SequeLink Common
Library.SWANDM_Entity_FindFirstKeyValue.3820().21.The specified attribute
does not exist.
Wed Jan 10 10:39:45 2001:SequeLink Common
Library.SWANDM_Entity_FindFirstKeyValue.3820().21.The specified attribute
does not exist.
...
Wed Jan 10 10:39:45 2001:Internal error, error detected in the event
processor.
Wed Jan 10 10:39:45 2001:Internal error, error detected in the event
processor.
...
```

To avoid internal errors when changing the connection model, perform the following steps:

- 1 Make sure the services have the `ServiceConnectionModel` attribute set to the value you want.
- 2 Delete both the Monitoring profile and Event trace profile of the services that have changed.
- 3 Create new Monitoring and Event trace profiles.
- 4 Stop all SequeLink services.
- 5 Stop the Agent.
- 6 Restart the Agent.
- 7 Restart all SequeLink services.

---

## Connecting with SequeLink ODBC Socket Server

SequeLink ODBC Socket Server is a service that provides data access to any database that is accessible through an ODBC 2.0- or 3.0-compliant driver. Because SequeLink accesses the database by using the driver manager and the ODBC driver, this makes the SequeLink ODBC Socket Server highly dependant on the quality and behavior of the ODBC driver through which it connects. Because most drivers have their own specific behaviors, and the ODBC specification leaves room for individual interpretation, using a specific driver with SequeLink can show unexpected behavior.

This section summarizes the results that DataDirect Technologies found when testing connections with the SequeLink ODBC Socket Server to ODBC drivers. This section also describes how to determine which component is causing the problems that can occur when you are using the SequeLink ODBC Socket Server.

### Using the SequeLink ODBC Socket Service with Connect ODBC Drivers

If you are using the SequeLink ODBC Socket service with a DataDirect Connect ODBC driver, your application can experience problems when it re-binds parameters with a different scale, precision, or sqltype. The following is an example of an error message that is generated when this situation occurs:

```
[DataDirect] [ODBC Oracle driver]Data type for  
parameter 2 has changed since first SQLExecute  
call.
```

To avoid this problem, you can activate a workaround in the Connect ODBC driver. For more information about workarounds for the Connect ODBC driver, refer to the *Connect ODBC Reference* and README file.

NOTE: SequeLink ODBC Socket Server incurs a performance penalty when setting this workaround, so use this workaround only for those applications that need it.

The workaround can be activated using either of the following methods:

- By changing the data source definition
- By changing the value of the SequeLink DataSourceSOCODBCConnStr service attribute

## ***Changing the Data Source Definition***

When you enable the workaround in the data source definition, all connections that use the data source have the workaround activated, even if the connection request does not come from the SequeLink ODBC Socket Server. For more information about using ODBC connection strings in the data source definition, refer to the *SequeLink Developer's Reference*.



On UNIX: Edit your ODBC.INI file to add the following key and value to the ODBC Data source section:

```
WorkArounds=536870912
```



On Windows NT, Windows 2000, and Windows XP: Edit the ODBC.INI section of your registry to add the following key and value to the ODBC Data source section:

```
WorkArounds=536870912
```

## ***Changing the SequeLink Connection String***

SequeLink ODBC Socket Server uses a connection string to initiate a connection to an ODBC driver. You can change this connection string in the DataSourceSOCODBCConnStr service attribute, using the appropriate SequeLink administration tool for your platform. (For information about service attributes and SequeLink administration tools, refer to the *SequeLink Administrator's Guide*.)

The following is an example of a connection string that enables the workaround for a specific data source:

```
DSN='Employees' ; WorkArounds=536870912
```

In this example, only the SequeLink connections that specify the data source Employees have the workaround activated. By using multiple SequeLink data sources, you can control which SequeLink connections use the workaround.

## **Using the SequeLink ODBC Socket Service with IBM DB2 Driver**

When you use the SequeLink ODBC Socket Server with the IBM DB2 UDB driver, you must specify the name of the database that will be accessed through the connection. The name of the database is passed using the DBALIAS keyword.

To connect successfully to a DB2 database using SequeLink ODBC Socket Server, you must specify a data source name and a database in the DataSourceSOCODBCConnStr service attribute, as shown in the following example:

```
DSN='Employees' ;DBALIAS='HumanResources'
```

Only one database can be specified for each SequeLink data source. To access multiple databases, you must create one SequeLink data source for each database.

## Analyzing SequeLink ODBC Socket Service Problems

This section explains how to investigate problems or unexpected behavior when using SequeLink ODBC Socket Server.

It is important to realize that the problem or unexpected behavior could be caused by either SequeLink ODBC Socket Server or a third-party ODBC driver. Identifying which component is generating the problem is key to solving it.

### *Identifying Connection Problems*

It is important to know the connection string used on a `SQLDriverConnect` call by Sequelink to initiate the connection to the ODBC driver. When experiencing problems with establishing a connection, examine the connection string configured in `DatasourceSOCODBCConnStr` service attribute and check whether it is a valid connection string. You can test this connection string using `ODBCTest`. Once you have validated the connection string, SequeLink ODBC Socket Server should be able to use it to connect successfully to the database.

### *Identifying the Source of the Problem*

To check which component is the source of the problem:

- **Use the ODBC driver directly.** Use the connection string configured in the `DatasourceSOCODBCConnStr` service attribute to initiate a direct connection to the ODBC driver. You can use `ODBCTest` to run the same operations that gave you the problem.
- **Use a different ODBC driver to see if the same error occurs.** Try using another ODBC driver with SequeLink ODBC Socket Server and see whether the problem still occurs.

- **Use ODBC Tracing to investigate problems.** The SequeLink ODBC Socket Server complies with the ODBC specification. This means that you can use standard tools, such as ODBC Tracing, to analyze and investigate problems or unexpected behavior.

ODBC tracing for the SequeLink backend ODBC driver can be enabled with the `DataSourceMSSODBCLogPath` attribute. See the *SequeLink Administrator's Guide* for more information.

---

## Releasing Locks Held by Disassociated DB2 Threads

Errors can occur when a transaction branch becomes disassociated from the thread of control. This can cause problems with locks that are 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 the "XA RELEASE" operator command. 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.

## 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.



## 4 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

DataDirect Technologies 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 46.

### 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 DataDirect Technologies 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 50](#).



### ***Session Debug Log File on Windows NT, Windows 2000, and Windows XP***

#### **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 *Servername\_Servicename\_Tnnnnnnn.log* where:

*Servername* is the name of the SequeLink Server started task/Job.

*Servicename* is the name of the SequeLink service running within the server.

*nnnnnnn* is a unique numeric identifier of the session.

### **Log File Location:**

The Session Debug Log Files are located in UNIX System Services hierarchical file system (HFS). The ServiceDebugLogPath service attribute specifies the HFS directory where the Session Debug log files will be created. 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 DataDirect Technologies 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 50](#).



### ***Service Debug Log File on Windows NT, Windows 2000, and Windows XP***

On Windows NT, Windows 2000, and Windows XP, 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 records all log messages. For an explanation of these messages, see [Chapter 8 “OS/390 Messages and Descriptions” on page 223](#).

By default, the log file is allocated to DD statement VAILOGP or VAILOGS. We recommend that you allocate the log file to a SYSOUT dataset. This allows you to view all messages online using 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, SAS/C runtime library routines write error information into SYSTERM. For information on those messages, see [Chapter 9 “SAS/C Runtime Library Messages” on page 289](#). 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, Windows 2000, and Windows XP**, 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

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

- 1 Select the service for which you want to obtain a log file.
- 2 Select the **Configuration** node.
- 3 Select the **Service Settings** node.
- 4 Select the **Logging** attribute category.
- 5 Change the properties for the ServiceDebugLogLevel service attribute. Selecting 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.



## 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

For information about using the SequeLink Manager for OS/390, refer to the *SequeLink Administrator's Guide*.

- 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 - 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)elele    o (?)Help

Name                                     Value
-----
ServiceDebugLogLevel                     1
ServiceDebugLogPath                      /tmp
ServiceEventTraceSize                    1000000
***** Bottom of data *****

COMMAND ==>                                SCROLL > PAGE

```

### 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
                                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

```

- 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.

---

## Changing the Debug Log Level for Active Services and Sessions



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.

*Tnnnnnnn—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.



## 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:

```
[DataDirect] [ODBC SequeLink driver] message
```

For example:

```
[DataDirect] [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 3.0 Software Development Kit and Programmer's Reference* is 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:

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

For example:

```
[DataDirect] [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:

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

For example:

```
[DataDirect] [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:

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

For example:

```
[DataDirect] [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:

```
[DataDirect] [SequeLink ADO provider] message
```

For example:

```
[DataDirect] [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:

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

For example:

```
[DataDirect] [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:

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

For example:

```
[DataDirect] [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:

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

For example:

```
[DataDirect] [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:

```
[DataDirect] [SequeLink JDBC Driver] message
```

For example:

```
[DataDirect] [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:

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

For example:

```
[DataDirect] [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:

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

For example:

```
[DataDirect] [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 in numerical order error messages you may receive while using SequeLink. Each error message is followed by a description of the error and recommended actions, if applicable.

NOTE: SequeLink Legacy Server can return error messages identified with a negative number. See [“SequeLink Legacy Server Error Messages” on page 199](#) for information on these messages.

|               |  |
|---------------|--|
| <b>351</b>    | 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.                                |
| <b>352</b>    | 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.                                |
| <b>353</b>    | 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 DataDirect Technologies technical support. |
| <b>354</b>    | An invalid argument is passed to an administration function.                                       |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|            |   |
|------------|---|
| <b>360</b> | The requested node cannot be found in the monitor tree.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                           |
| <b>361</b> | Duplicate object identifier in the monitor tree.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                                  |
| <b>362</b> | Could not delete the given node because it owns items that have not been deleted.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>370</b> | The specified entity type does not exist.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>371</b> | The specified attribute does not exist.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>372</b> | The specified entity instance could not be found.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                                 |
| <b>373</b> | The specified attributes do not match.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>374</b> | The specified attribute ID is not valid.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>375</b>    | The specified entity type is not valid.                |
| <i>Cause</i>  | An internal error occurred.                            |
| <i>Action</i> | Contact DataDirect Technologies technical support.     |
| <b>376</b>    | The specified entity type is read-only.                |
| <i>Cause</i>  | An internal error occurred.                            |
| <i>Action</i> | Contact DataDirect Technologies technical support.     |
| <b>377</b>    | The specified configuration file could not be opened.  |
| <i>Cause</i>  | An internal error occurred.                            |
| <i>Action</i> | Contact DataDirect Technologies technical support.     |
| <b>378</b>    | The syntax of the configuration file is incorrect.     |
| <i>Cause</i>  | An internal error occurred.                            |
| <i>Action</i> | Contact DataDirect Technologies technical support.     |
| <b>379</b>    | An unexpected duplicate entity was detected.           |
| <i>Cause</i>  | An internal error occurred.                            |
| <i>Action</i> | Contact DataDirect Technologies technical support.     |
| <b>380</b>    | The required primary key attributes were not provided. |
| <i>Cause</i>  | An internal error occurred.                            |
| <i>Action</i> | Contact DataDirect Technologies technical support.     |
| <b>381</b>    | The provided attribute is a primary key attribute.     |
| <i>Cause</i>  | An internal error occurred.                            |
| <i>Action</i> | Contact DataDirect Technologies technical support.     |

|               |  |
|---------------|--|
| <b>382</b>    | 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. |
| <b>383</b>    | The configuration file was changed by someone else.  |
| <i>Cause</i>  | The configuration file has been modified by another administrator.   |
| <i>Action</i> | Reload the configuration file and make the changes again.  |
| <b>390</b>    | Received a request to stop listening, ignoring other events on the queue.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>391</b>    | The semaphore operation could not be completed within the timeout period specified.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>392</b>    | 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 DataDirect Technologies technical support.   |
| <b>393</b>    | 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 and ServiceEvQShmMaxResend service attributes.   |

|            |   |
|------------|---|
| <b>394</b> | Request to send an event failed because the event size exceeds the maximum event size.<br><br><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.<br><br><i>Action</i> Increase the value for the ServiceEvQShmQSize service attribute. |
| <b>395</b> | Request to create an IPC object failed.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>396</b> | The parameters needed to create an IPC key could not be found in the configuration file.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>397</b> | A call to ftok failed. Check if the file xxx exists and is readable.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>398</b> | Request to create or attach to shared memory (key=xxxx) failed.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>399</b> | Request to create a semaphore (key=xxxx) failed.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>400</b> | Request to create a message queue (key=xxxx) failed.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |

|            |  |
|------------|--|
| <b>401</b> | Failed to terminate the event queue cache because it is not empty.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                         |
| <b>410</b> | The specified parameter (xxxx) is invalid.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>411</b> | The attribute xxx is not found in the attribute list of the event that is being processed.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>412</b> | The specified attribute (ID=xxxx) has an incorrect type.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                                   |
| <b>413</b> | Failed to evaluate the profile filter expression for event with ID=xxxx.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.             |
| <b>414</b> | Profile filter evaluation failed because the expressions have incompatible types.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.    |
| <b>415</b> | Failed to parse the expression because of a syntax error at position xxxx.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.           |
| <b>416</b> | Failed to parse the profile filter expression.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.                                       |

|            |  |
|------------|--|
| <b>417</b> | The provided monitor path (xxxx) is invalid.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.   |
| <b>418</b> | The specified action (xxxx) is not a valid event profile action.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.   |
| <b>419</b> | An invalid parameter value (xxxx) was specified.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.   |
| <b>420</b> | The specified event profile action (xxxx) failed to parse.<br><i>Cause</i> The specified profile filter is not valid.<br><i>Action</i> Correct the syntax of the profile filter.   |
| <b>421</b> | Failed to load profile with ID=xxxx.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>430</b> | Failed to open event trace file because the file version was not recognized.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>431</b> | Failed to resize the event trace file.<br><i>Cause</i> An 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.<br><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. |

|             |  |
|-------------|--|
| <b>432</b>  | The request could not be completed because the event trace is in an error state.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>433</b>  | Failed to open the event trace file.<br><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.<br><i>Action</i> Delete the event trace file. Then, re-start the service. |
| <b>434</b>  | Failed to open the event trace file because event tracing was not stopped cleanly.<br><i>Cause</i> The event trace file has been left in an inconsistent state and can no longer be used.<br><i>Action</i> Delete the event trace file. Before deleting, make sure SequeLink services are stopped using the SequeLink Manager.   |
| <b>435</b>  | The event trace file is corrupt.<br><i>Cause</i> An inconsistency was detected within the event trace file.<br><i>Action</i> Delete the event trace file. If the problem persists, contact DataDirect Technologies technical support.  |
| <b>436</b>  | Failed to open file to export.<br><i>Cause</i> The specified export file cannot be opened.<br><i>Action</i> Verify the reason reported by the operating system.  |
| <b>437</b>  | Failed to close file to export.<br><i>Cause</i> An error was encountered when closing the specified export file.<br><i>Action</i> The contents of the specified export file may be corrupted; use another export file.   |
| <b>1000</b> | System Exception: {0}.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Check the system exception {0} for more information. If necessary, contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>1001</b>   | No more data available to read.  |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>1002</b>   | End of stream was detected on a read.  |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>1003</b>   | Error opening/loading com.ddtek.util.transliteration.properties.                               |
| <i>Cause</i>  | An unexpected error occurred while accessing the transliteration properties file.              |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>1004</b>   | Resource com.ddtek.util.transliteration.properties is corrupt.                                 |
| <i>Cause</i>  | An unexpected error occurred while accessing the transliteration properties file.              |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>1005</b>   | Transliteration table {0} not found.   |
| <i>Cause</i>  | The SequeLink Server uses a Code page that is currently not supported by the SequeLink Client  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>1006</b>   | Transliteration class {0} not found.   |
| <i>Cause</i>  | The SequeLink Server uses a Code page that is currently not supported by the SequeLink Client. |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>1007</b>   | Unsupported VM encoding {0}.   |
| <i>Cause</i>  | The SequeLink Server uses a Code page that is currently not supported by the SequeLink Client. |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|             |  |
|-------------|--|
| <b>1008</b> | Transliteration table {0} is corrupt.<br><br><i>Cause</i> An unexpected error occurred while accessing the transliteration table.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>1009</b> | Transliteration failed.<br><br><i>Cause</i> An unexpected error occurred while transliterating the String.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>1010</b> | Invalid transliteration class {0}.<br><br><i>Cause</i> An unexpected error occurred while accessing the transliteration table.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>1011</b> | Character set {0} not found in com.ddtek.util.transliteration.properties.<br><br><i>Cause</i> The SequeLink Server uses a Code page that is currently not supported by the SequeLink Client.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>1012</b> | IO Error creating temp file: {0}<br><br><i>Cause</i> An unexpected error occurred while creating a temporary file.<br><i>Action</i> Check the IO-exception {0} for more information. If necessary, contact DataDirect Technologies technical support.            |
| <b>1013</b> | IO Error writing temp file: {0}<br><br><i>Cause</i> An unexpected error occurred while writing a temporary file.<br><i>Action</i> Check the IO-exception {0} for more information. If necessary, contact DataDirect Technologies technical support.              |
| <b>1014</b> | IO Error reading temp file: {0}<br><br><i>Cause</i> An unexpected error occurred while reading a temporary file.<br><i>Action</i> Check the IO-exception {0} for more information. If necessary, contact DataDirect Technologies technical support.              |

|               |   |
|---------------|---|
| <b>1015</b>   | IO Error reading temp file: {0}   |
| <i>Cause</i>  | An unexpected error occurred while reading a temporary file.  |
| <i>Action</i> | Check the IO-exception {0} for more information. If necessary, contact DataDirect Technologies technical support. |
| <b>1016</b>   | Error fetching data from temp buffer  |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>1017</b>   | The object is closed  |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>1018</b>   | {0}   |
| <i>Cause</i>  | An unexpected error occurred. At runtime, an error message from the JDK will be displayed.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>1019</b>   | Error attempting to backup position in data stream  |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>1020</b>   | Error establishing socket. {0}  |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>1021</b>   | Error establishing socket. Unknown host: {0}  |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

|               |   |
|---------------|---|
| <b>2200</b>   | 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.x Server. If the problem persists, increase the connection timeout value.  |
| <b>2202</b>   | 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 DataDirect Technologies technical support.  |
| <b>2203</b>   | 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 DataDirect Technologies technical support.  |
| <b>2204</b>   | Internal network error, session aborted due to local session protocol error, connection closed.   |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>2205</b>   | Internal network error, session aborted due to remote session protocol error, connection closed.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>2206</b>   | 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.  |

|             |  |
|-------------|--|
| <b>2207</b> | Internal network error, session aborted due to session protocol data unit format error, connection closed.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>2208</b> | Internal network error, session aborted, connection closed.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>2209</b> | Network problem, no pending request to cancel.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>2211</b> | Network problem, cancel not possible because session is killed.<br><br><i>Cause</i> The cancel operation failed because the session was killed on the SequeLink Server. The connection was closed.<br><br><i>Action</i> Contact DataDirect Technologies technical support.                                     |
| <b>2213</b> | Internal network error, connection closed because session key not found in remote session list.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>2215</b> | Network problem, cancel failed because all transport channels in use on remote session.<br><br><i>Cause</i> The cancel operation failed because the previous cancel request did not release all its resources on the SequeLink Server.<br><br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>2217</b> | Network problem, session aborted due to internal error in remote procedure call, connection closed.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>2219</b>   | 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 DataDirect Technologies technical support.   |
| <b>2221</b>   | Network problem, invalid IIOp operation target, connection closed.   |
| <i>Cause</i>  | The SequeLink service the SequeLink Client is connected to did not accept the IIOp operation target sent.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>2223</b>   | Internal network error, session aborted due to remote procedure call failure, connection closed.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>2249</b>   | Internal network error.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>2251</b>   | 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.  |
| <b>2252</b>   | 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.  |
| <b>2253</b>   | Connection closed, non SequeLink IIOp user exception received.   |
| <i>Cause</i>  | An IIOp 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 DataDirect Technologies technical support.   |

---

|               |  |
|---------------|--|
| <b>2254</b>   | Connection closed, non SequeLink IIOp system exception received.   |
| <i>Cause</i>  | An IIOp 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 DataDirect Technologies technical support.   |

---

|               |   |
|---------------|---|
| <b>2255</b>   | 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 DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>2300</b>   | 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" will be 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 DataDirect Technologies technical support.  |

---

|               |  |
|---------------|--|
| <b>2302</b>   | 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"> <li>■ The network configuration is correct</li> <li>■ A network route to the SequeLink Server is available</li> <li>■ The SequeLink Server is active</li> </ul> <p>Try another TCP/IP network application to verify whether the server is reachable.</p> |

---

---

|               |  |
|---------------|--|
| <b>2303</b>   | 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> | Make sure that: <ul style="list-style-type: none"><li>■ The network configuration is correct</li><li>■ A network route to the SequeLink Server is available</li><li>■ The SequeLink Server is active</li></ul> Try another TCP/IP network application to verify whether the server is reachable. |

---

|               |  |
|---------------|--|
| <b>2304</b>   | TCP/IP error, network subsystem down.              |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |   |
|---------------|---|
| <b>2305</b>   | 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.                     |

---

|               |   |
|---------------|---|
| <b>2306</b>   | 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 DataDirect Technologies technical support.  |

---

|               |   |
|---------------|---|
| <b>2307</b>   | 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.            |

---

|               |   |
|---------------|---|
| <b>2308</b>   | 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.   |
| <b>2309</b>   | Network problem, could not load transport manager.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>2310</b>   | 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 DataDirect Technologies technical support.  |
| <b>2311</b>   | TCP/IP network error, connection closed.  |
| <i>Cause</i>  | An unexpected TCP/IP error occurred. The connection was closed.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>2312</b>   | 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.  |
| <b>2313</b>   | 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 DataDirect Technologies technical support.  |

|               |   |
|---------------|---|
| <b>2314</b>   | Internal network problem, connection closed.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>2315</b>   | 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 DataDirect Technologies technical support. |
| <b>2318</b>   | 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.  |
| <b>2320</b>   | 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 and try again to connect.  |
| <b>2321</b>   | 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.   |
| <b>2402</b>   | 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.   |
| <b>2403</b>   | 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.   |

|               |   |
|---------------|---|
| <b>2404</b>   | 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.   |
| <b>2405</b>   | 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.   |
| <b>2406</b>   | 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.   |
| <b>2450</b>   | 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.   |
| <b>2451</b>   | 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.   |
| <b>2452</b>   | 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.  |
| <b>2453</b>   | 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.  |

|             |  |
|-------------|--|
| <b>2454</b> | Internal network error during parsing host and port.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                       |
| <b>2455</b> | Internal network error, missing separator.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                                 |
| <b>2456</b> | Invalid host or number, ':' character not allowed.<br><i>Cause</i> The host name or number included a colon (:).<br><i>Action</i> Specify the correct host name or number without a colon. |
| <b>2457</b> | Invalid host, ':' character not allowed.<br><i>Cause</i> The host name included a colon (:).<br><i>Action</i> Specify the correct host name without a colon.                               |
| <b>2458</b> | Invalid port, ':' character not allowed.<br><i>Cause</i> The port included a colon (:).<br><i>Action</i> Specify the correct port without a colon.   |
| <b>2459</b> | Internal network error during parsing host and port.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                       |
| <b>2460</b> | Internal network error during parsing host and port.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                       |
| <b>2461</b> | Invalid port, numerical value < 0 is not allowed.<br><i>Cause</i> An invalid port number was specified.<br><i>Action</i> Specify the correct port using a valid value.                     |

|             |  |
|-------------|--|
| <b>2462</b> | Invalid port, numerical equal to 0 is not allowed.<br><i>Cause</i> An invalid port number was specified.<br><i>Action</i> Specify the correct port using a valid value.  |
| <b>2463</b> | Host name or service name too long.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>2464</b> | Internal network error during parsing host and port.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>2465</b> | Internal network error during parsing host and port.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>2466</b> | Network resource problem, memory allocation failure during parsing host and port.<br><i>Cause</i> A system resource was not allocated while parsing the value provided for the host or port.<br><i>Action</i> Free memory resources. If the problem persists, contact DataDirect Technologies technical support. |
| <b>2467</b> | Internal network error during parsing host and port.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>2468</b> | Internal network error, no host and port specified.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |

---

|               |   |
|---------------|---|
| <b>2469</b>   | 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.                             |

---

|               |  |
|---------------|--|
| <b>2470</b>   | 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.            |

---

|               |  |
|---------------|--|
| <b>3001</b>   | Internal error, memory allocation failed.  |
| <i>Cause</i>  | Memory allocation error.   |
| <i>Action</i> | Free memory resources. If the problem persists, contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>3002</b>   | Internal error, corrupt context.                   |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |   |
|---------------|---|
| <b>3003</b>   | Internal error, invalid request received from the client application. |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.                    |

---

|               |   |
|---------------|---|
| <b>3004</b>   | Internal error, an unexpected exception was detected. |
| <i>Cause</i>  | An internal error occurred.                           |
| <i>Action</i> | Contact DataDirect Technologies technical support.    |

---

|               |  |
|---------------|--|
| <b>3005</b>   | Internal error, a fatal server error was detected. |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |   |
|---------------|---|
| <b>3006</b>   | Internal error, a fatal error was detected during event processing. |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.                  |

---

|               |  |
|---------------|--|
| <b>3007</b>   | Internal error, an invalid argument was specified.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>3008</b>   | 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.   |
| <b>3009</b>   | 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.                             |
| <b>3010</b>   | Could not create a trace file.   |
| <i>Cause</i>  | A session Debug Log File could not be created.   |
| <i>Action</i> | Verify that the HFS directory specified in the ServiceDebugLogPath service attribute exists, and the Userid of the Server has authorization to create a file in this directory.<br>In addition, check whether the file system is full. |
| <b>3011</b>   | Unable to find the specified session in the list of active sessions while processing the kill session request.   |
| <i>Cause</i>  | The service received a session ID of a non-existing session.   |
| <i>Action</i> | None.  |
| <b>3012</b>   | Configuration file was changed by someone else.  |
| <i>Cause</i>  | The configuration file has been modified by another administrator.   |
| <i>Action</i> | Reload the configuration file and make the changes again.  |

|               |   |
|---------------|---|
| <b>3013</b>   | The value for maximum number of threads (maxv) exceeds the OS defined limit (maxosv), maximum threads downgrading to OS limit.  |
| <i>Cause</i>  | The value of the ServiceMaxThreads service attribute is higher than the operating system allows. The service will only use the number of thread allowed by the operating system.  |
| <i>Action</i> | Correct the value of the ServiceMaxThreads service attribute.   |
| <b>3014</b>   | The value for minimum number of threads (maxv) exceeds the value for maximum number of threads (minv), downgrading min to max value.  |
| <i>Cause</i>  | The value of the ServiceMinThreads service attribute is higher than the value of the ServiceMaxThreads service attribute. The service will use the value of the ServiceMaxThreads service attribute as the value for the minimum number of threads. |
| <i>Action</i> | Correct the value of the ServiceMinThreads service attribute.   |
| <b>3016</b>   | Unable to configure enough threads (6) for the thread pool.   |
| <i>Cause</i>  | The value of theServiceMinThreads service attribute is not a valid value. The service will not start.   |
| <i>Action</i> | Make sure that the value of the ServiceMinThreads service attribute is at least 6.  |
| <b>3017</b>   | Error writing to trace file.  |
| <i>Cause</i>  | No data can be written to the session debug log file, probably because the file system is full.   |
| <i>Action</i> | Remove old files on the full file system.   |
| <b>3021</b>   | Internal error, unable to load the server configuration file.   |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>3025</b>   | 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 DataDirect Technologies technical support.  |

---

|               |  |
|---------------|--|
| <b>3043</b>   | 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 DataDirect Technologies technical support.   |

---

|               |   |
|---------------|---|
| <b>3044</b>   | 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.                             |

---

|               |  |
|---------------|--|
| <b>3045</b>   | 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.   |

---

|               |  |
|---------------|--|
| <b>3046</b>   | Internal error, unable to access the monitor tree. |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |   |
|---------------|---|
| <b>3047</b>   | Invalid table type filter is configured.  |
| <i>Cause</i>  | The value set for the DataSourceTableTypeFilterList service attribute is not valid.   |
| <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> . |

---

---

|               |  |
|---------------|--|
| <b>3048</b>   | 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> | Make sure that: <ul style="list-style-type: none"> <li>■ The event trace file is not being used by another application</li> <li>■ The directory specified by the ServiceEventTraceLocation service attribute exists and is accessible</li> <li>■ There is enough disk space</li> </ul> If the problem persists, contact DataDirect Technologies technical support. |

---

|               |   |
|---------------|---|
| <b>3049</b>   | 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.                                |

---

|               |  |
|---------------|--|
| <b>3050</b>   | Internal error, an invalid action parameter was detected while processing a monitor request. |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

---

|               |  |
|---------------|--|
| <b>3051</b>   | Due to a fatal error condition with the DBMS session, no new request can be processed. |
| <i>Cause</i>  | A serious error has previously occurred within the DBMS session.                       |
| <i>Action</i> | The client application must disconnect.  |

---

|               |   |
|---------------|---|
| <b>3052</b>   | Maximum cputime limit has been exceeded.                                    |
| <i>Cause</i>  | The session has exceeded his maximum CPU time, no more request are allowed. |
| <i>Action</i> | The client application must disconnect.                                     |

---

|               |   |
|---------------|---|
| <b>3053</b>   | Only select and batch statements are allowed in this read-only connection.  |
| <i>Cause</i>  | The DataSourceReadOnly service 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> . |
| <b>3054</b>   | Found syntax error(s) within the DataSourceSessionToken attribute.  |
| <i>Cause</i>  | Syntax error in DataSourceSessionToken attribute.   |
| <i>Action</i> | Verify that the DataSourceSessionToken attribute contains valid placeholders.   |
| <b>3055</b>   | Found syntax error(s) within the DataSourceAutoApplId attribute.  |
| <i>Cause</i>  | Syntax error in one of the DataSourceAutoApplId attribute entries.  |
| <i>Action</i> | Verify the syntax of the DataSourceAutoApplId attribute is correct. It must contain exactly 40 hexadecimal digits.  |
| <b>3056</b>   | 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.   |
| <b>3057</b>   | 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 DataDirect Technologies technical support.  |
| <b>3058</b>   | Internal error, error detected in the event processor.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

|               |   |
|---------------|---|
| <b>3059</b>   | 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.   |
| <b>3060</b>   | Internal error, the specified authentication mechanism is not accepted.   |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>3061</b>   | 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.   |
| <b>3062</b>   | Internal error, unknown provide ID.   |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>3063</b>   | 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 ServiceEvQShmMonitorSize service attribute. |
| <i>Action</i> | Increase the shared counter memory by changing the ServiceEvQShmMonitorSize service attribute. For information about valid values for SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .                                 |
| <b>3064</b>   | Internal error, an invalid monitor object was specified while processing an event.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

---

|               |   |
|---------------|---|
| <b>3065</b>   | 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.   |

---

|               |  |
|---------------|--|
| <b>3066</b>   | 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.  |

---

|               |   |
|---------------|---|
| <b>3067</b>   | 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.   |

---

|               |  |
|---------------|--|
| <b>3068</b>   | 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> . |

---

|               |  |
|---------------|--|
| <b>3069</b>   | 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> . |
| <b>3070</b>   | 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 DataDirect Technologies technical support.   |
| <b>3071</b>   | Maximum number of sessions reached.  |
| <i>Cause</i>  | The number of active session is exceeding the value of the configuration parameter. Incoming client connection requests are denied.  |
| <i>Action</i> | None.  |
| <b>3078</b>   | Internal error, invalid search argument type specified.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>3101</b>   | 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.  |
| <b>3102</b>   | An invalid argument was detected while processing an administration request.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|             |  |
|-------------|--|
| <b>3103</b> | Unexpected error detected while processing an administration request.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3104</b> | The requested administration function is not implemented on this platform.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3105</b> | Memory allocation failed while processing an administration request.<br><i>Cause</i> A request to the operating system to allocate memory for the SequeLink Server failed.<br><i>Action</i> Free memory resources. If the problem persists, contact DataDirect Technologies technical support. |
| <b>3106</b> | A collection library function failed while processing an administration request.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3107</b> | An operation on the server configuration file failed.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3108</b> | An operation on the NT registry failed.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3110</b> | Failed to open the server configuration file for reading.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3111</b> | Failed to open the server configuration file for writing.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |

---

|             |   |
|-------------|---|
| <b>3112</b> | Failed to open the server configuration file because its syntax is incorrect.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>3113</b> | Failed to open the server configuration file because the file does not exist.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>3114</b> | Failed to save the server configuration file.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                                 |
| <b>3115</b> | Failed to save the server configuration file because the file backup failed.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3116</b> | Failed to attach to the event queue.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3117</b> | Failed to send event to event queue.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3118</b> | Failed to access the event queue.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3119</b> | Failed to send an event because a wait operation timed out.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                   |

---

|             |  |
|-------------|--|
| <b>3120</b> | Failed to process the administration request because the specified handle has not been opened.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3122</b> | Failed to process the administration request because the version of the configuration file is not supported by this version of SequeLink.<br><br><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.<br><br><i>Action</i> Use a compatible version of the installed SequeLink software to open the SequeLink configuration file. |
| <b>3130</b> | Failed to process to remote administration request.<br><br><i>Cause</i> The administration request could not be processed by the server.<br><br><i>Action</i> Preceding or subsequent messages contain more detailed information.  |
| <b>3131</b> | The requested entity was not found in the server configuration file.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3132</b> | The requested attribute was not found in the server configuration file.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3133</b> | The specified attribute ID is not valid.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3134</b> | An unexpected duplicate entity was detected.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |

|             |   |
|-------------|---|
| <b>3137</b> | [swadm] Failed to open the Service Control Manager.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3138</b> | Failed to open the specified OS service.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3139</b> | Failed to create the specified OS service.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3140</b> | Failed to delete the specified OS service.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3141</b> | Failed to unregister the OS service because it is not stopped.<br><i>Cause</i> An attempt to delete or unregister a service that is still active was detected.<br><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. |
| <b>3142</b> | Failed to register the specified OS service because the service already exists.<br><i>Cause</i> An attempt was made to register a SequeLink service with a name that was already used by another operating system service.<br><i>Action</i> Make sure the name you choose for your SequeLink service is not being used by another operating system service.               |
| <b>3143</b> | The required primary key attributes were not provided.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |

|               |   |
|---------------|---|
| <b>3144</b>   | 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 DataDirect Technologies technical support.  |
| <b>3145</b>   | The TCP port for the service could not be registered because it is registered for another network service.  |
| <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.                 |
| <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. |
| <b>3146</b>   | The TCP port for the service could not be registered/unregistered because the services file could not be opened.  |
| <i>Cause</i>  | The %SystemRoot%\system32\drivers\etc\services file (Windows NT/Windows 2000/Windows XP) or the /etc/services file (UNIX) could not be opened.  |
| <i>Action</i> | Contact your system administrator. If the problem persists, contact DataDirect Technologies technical support.  |
| <b>3147</b>   | The TCP port for the service could not be registered/unregistered because the services file could not be accessed.  |
| <i>Cause</i>  | A file input/output error was detected while accessing the services file (%SystemRoot%\system32\drivers\etc\services on Windows NT/Windows 2000/Windows XP or /etc/services on UNIX).   |
| <i>Action</i> | Contact your system administrator. If the problem persists, contact DataDirect Technologies technical support.  |
| <b>3148</b>   | Failed to unregister the OS service because it is not a SequeLink Service.  |
| <i>Cause</i>  | An attempt to unregister a SequeLink service failed, because the SequeLink service name was being used by another operating system service.   |
| <i>Action</i> | Make sure that the name you choose for your SequeLink service is not being used by another operating system service.  |

|             |   |
|-------------|---|
| <b>3149</b> | The configuration file was changed by someone else.<br><i>Cause</i> The configuration file has been modified by another administrator.<br><i>Action</i> Reload the configuration file and make the changes again.   |
| <b>3150</b> | Failed to process the remote management request.<br><i>Cause</i> The management request could not be processed by the server.<br><i>Action</i> Preceding or subsequent messages contain more detailed information.  |
| <b>3151</b> | Failed to start the specified SequeLink service.<br><i>Cause</i> The SequeLink service did not start.<br><i>Action</i> Examine the service debug log file or service event trace file for more information.   |
| <b>3152</b> | Failed to stop the specified SequeLink service.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3153</b> | Failed to obtain the status of the specified OS Service.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3154</b> | Failed to start the specified service because it is already running.<br><i>Cause</i> An attempt to start a SequeLink service that is already running was detected.<br><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. |
| <b>3155</b> | Failed to process the administration request because the required service executable is not found.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>3156</b>   | Failed to open the Service. The SequeLink Administrator has not enough privileges to start/stop a service.   |
| <i>Cause</i>  | The operating system requires processes that must have administrator privileges for opening the service controller.  |
| <i>Action</i> | Ask your security administrator to grant sufficient privileges.  |
| <b>3160</b>   | Failed to process remote monitoring request.   |
| <i>Cause</i>  | The monitoring request could not be processed by the server.   |
| <i>Action</i> | Preceding or subsequent messages contain more detailed information.  |
| <b>3161</b>   | 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 DataDirect Technologies technical support.   |
| <b>3170</b>   | 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.  |
| <b>3171</b>   | 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 DataDirect Technologies technical support.   |
| <b>3172</b>   | 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 DataDirect Technologies technical support. |
| <b>3180</b>   | 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 DataDirect Technologies technical support.   |

|             |  |
|-------------|--|
| <b>3181</b> | Failed to process the profile generator request because a duplicate object was found in the profile.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3186</b> | Failed to open the Service Control Manager. The SequeLink Administrator has not enough privileges to create/delete a service.<br><br><i>Cause</i> The operating system requires processes that must have administrator privileges for starting and deleting services.<br><br><i>Action</i> Ask your security administrator to grant sufficient privileges. |
| <b>3201</b> | Unable to retrieve error message from backend ODBC driver.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3202</b> | 3202 Unable to retrieve warning message from backend ODBC driver.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3203</b> | Required user name is missing.<br><br><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.<br><br><i>Action</i> Make sure that all required connection attributes are specified.   |
| <b>3204</b> | Select statement not allowed in batch processing.<br><br><i>Cause</i> A Select statement was detected in a batch of statements.<br><br><i>Action</i> Change your application so that Select statements are not included in the batch.  |
| <b>3207</b> | The SequeLink Legacy Service could not find the correct version of the legacy driver.<br><br><i>Cause</i> Driver does accept the legacy connection attributes.<br><br><i>Action</i> Verify your Cross Access eXadas installation. If the problem persists, contact DataDirect Technologies technical support.  |

|               |   |
|---------------|---|
| <b>3208</b>   | Unable to retrieve the code page from IBM/DB2 UDB.  |
| <i>Cause</i>  | The SequeLink server could not retrieve the code page from IBM/DB2 UDB during the connection setup.   |
| <i>Action</i> | Set the ServiceDebugLogLevel to debug. Make a new connection and look for the message in the session log file:<br>SWANDB_SPEC_GetDBCodePageSettings : cannot retrieve the DB2 codepage settings (sqlcode=xxx).<br>Contact DataDirect Technologies technical support and provide the codepage setting information. |
| <b>3301</b>   | 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.  |
| <b>3302</b>   | 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.  |
| <b>3303</b>   | 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 DataDirect Technologies technical support.  |
| <b>3304</b>   | 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.   |
| <b>3305</b>   | 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.  |

|             |   |
|-------------|---|
| <b>3306</b> | Internal error. An invalid OCI handle was passed to the database.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3307</b> | Unexpected XA error.<br><i>Cause</i> An Oracle-specific XA (distributed transaction) call failed.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3308</b> | The specified object does not exist.<br><i>Cause</i> A stored procedure was executed for which no definition was found.<br><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.                             |
| <b>3309</b> | A filter value is too long.<br><i>Cause</i> The DataSourceSchemaFilterList or DataSourceTableTypeFilterList service attribute contains a value that is too long.<br><i>Action</i> Correct the DataSourceSchemaFilterList or DataSourceTableTypeFilterList service attribute value.                            |
| <b>3310</b> | An Oracle procedure was created with compilation errors.<br><i>Cause</i> An error was detected in the syntax of the statement that created the stored procedure.<br><i>Action</i> Correct the syntax of the statement that created the stored procedure.  |
| <b>3311</b> | A data dictionary statement was called with an invalid parameter value.<br><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.<br><i>Action</i> Contact DataDirect Technologies technical support.       |
| <b>3312</b> | SequeLink does not support this data type for stored procedure parameters.<br><i>Cause</i> A stored procedure was executed, and a data type that SequeLink does not support for stored procedures was detected.<br><i>Action</i> Change the statement that executes the stored procedure in your application. |

|             |  |
|-------------|--|
| <b>3313</b> | Internal error. The specified data source is not found in the SequeLink configuration file.<br><br><i>Cause</i> The specified server data source could not be found in the SequeLink configuration file.<br><br><i>Action</i> Contact DataDirect Technologies technical support.     |
| <b>3314</b> | Select statement not allowed in batch processing.<br><br><i>Cause</i> You cannot execute a Select statement in a batch of statements.<br><br><i>Action</i> Change your application so that Select statements are not included in the batch.  |
| <b>3315</b> | A required Oracle user name is missing.<br><br><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.<br><br><i>Action</i> Specify the database user name when you attempt to connect. |
| <b>3316</b> | An invalid Oracle SID is specified in the SequeLink configuration file.<br><br><i>Cause</i> The SequeLink configuration file specified an invalid Oracle SID.<br><br><i>Action</i> Specify an existing valid Oracle SID.   |
| <b>3317</b> | Internal error. An unsupported action is encountered in a fetch callback routine.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3318</b> | An Oracle DATE value can only be converted to a SequeLink timestamp value.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3319</b> | A SequeLink timestamp value can only be converted to an Oracle DATE value.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |

|             |  |
|-------------|--|
| <b>3320</b> | An Oracle NUMBER value can only be converted to a SequeLink decimal value.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3321</b> | A SequeLink decimal value can only be converted to an Oracle NUMBER value.<br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3322</b> | A backslash is not a valid value for a searchable input parameter of a data dictionary statement.<br><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.<br><i>Action</i> Change the data dictionary statement in your application to use a valid value for a searchable input parameter. |
| <b>3323</b> | The precision of a decimal input parameter is out of range.<br><i>Cause</i> The SequeLink Client sent a decimal input value with a precision that is larger than the maximum allowed Oracle precision.<br><i>Action</i> Change your application.   |
| <b>3324</b> | The impersonation of the SequeLink Server for Oracle failed.<br><i>Cause</i> The SequeLink Server is configured in OS integrated mode (DataSourceLogonMethod=OSIntegrated), but the impersonation of the SequeLink Server failed.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3326</b> | Invalid querytimeout value.<br><i>Cause</i> Only positive values are allowed as querytimeout.<br><i>Action</i> Specify a valid querytimeout value.   |
| <b>3327</b> | Internal error. An invalid SequeLink decimal parameter value encountered.<br><i>Cause</i> The SequeLink Client sent a decimal value that is not recognized by the SequeLink Server.<br><i>Action</i> Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>3328</b>   | Oracle <code>TIMESTAMP WITH TIME ZONE</code> is not supported by this SequeLink configuration.   |
| <i>Cause</i>  | By default, SequeLink does not support the Oracle type <code>Timestamp with time zone</code> because there is no corresponding ODBC/JDBC/ADO type to represent this data.                      |
| <i>Action</i> | SequeLink implements a workaround to support <code>Timestamp With Time Zone</code> . See the description of <code>DataSourceORAMapTSWTZ</code> in the <i>SequeLink Administrator's Guide</i> . |
| <b>3401</b>   | The database does not support catalogs.  |
| <i>Cause</i>  | An attempt was made to use a catalog, but the database does not support catalogs.  |
| <i>Action</i> | Do not try to use a catalog.   |
| <b>3402</b>   | The database does not support the change of isolation level.   |
| <i>Cause</i>  | An attempt was detected to change the transaction isolation level, but the database does not support changing the isolation level.   |
| <i>Action</i> | Do not try to change the transaction isolation level.  |
| <b>3403</b>   | Schema/Owner is not supported in stored procedure calls, <code>SQLProcedures</code> , or <code>SQLProcedureColumns</code> .  |
| <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.  |
| <b>3404</b>   | Invalid stored procedure name or not authorized to invoke this procedure.  |
| <i>Cause</i>  | Either an invalid stored procedure name was specified or you do not have sufficient privileges to invoke the stored procedure.   |
| <i>Action</i> | Make sure that you execute a stored procedure that exists in the database and that you have sufficient privileges to execute it.   |
| <b>3405</b>   | No default parameters are allowed in a stored procedure call.  |
| <i>Cause</i>  | Default parameters were used when invoking a stored procedure.   |
| <i>Action</i> | Do not use the default parameters when invoking a stored procedure.  |

|               |  |
|---------------|--|
| <b>3406</b>   | 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.   |
| <b>3407</b>   | 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.  |
| <b>3408</b>   | 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.   |
| <b>3409</b>   | The kind (in, out or in/out) of a stored procedure parameter as specified by the SequeLink Client does not match with the stored procedure definition. |
| <i>Cause</i>  | An invalid type of a stored procedure parameter was specified.   |
| <i>Action</i> | Change the type of the stored procedure parameter specified in your application.   |
| <b>3410</b>   | 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.   |
| <b>3411</b>   | 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 DataDirect Technologies technical support.   |
| <b>3412</b>   | 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 service debug log file for details about this error.  |

---

|               |  |
|---------------|--|
| <b>3413</b>   | More result sets have to be returned than defined. |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>3414</b>   | 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.                                       |

---

|               |  |
|---------------|--|
| <b>3415</b>   | Conversion of a floating point number to a SequeLink decimal has failed. |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.                       |

---

|               |   |
|---------------|---|
| <b>3416</b>   | 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.   |

---

|               |  |
|---------------|--|
| <b>3417</b>   | Invalid data type conversion requested.            |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>3418</b>   | 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> . |

---

|               |   |
|---------------|---|
| <b>3419</b>   | 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. Also, 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> . |
| <b>3420</b>   | 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.  |
| <b>3421</b>   | 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.  |
| <b>3422</b>   | 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 DataDirect Technologies technical support.  |
| <b>3423</b>   | 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.   |
| <b>3424</b>   | 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.  |
| <b>3425</b>   | 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.  |

|               |   |
|---------------|---|
| <b>3426</b>   | 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.  |
| <b>3427</b>   | 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, contact DataDirect Technologies technical support.   |
| <b>3428</b>   | 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.  |
| <b>3429</b>   | 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.  |
| <b>3430</b>   | A valid database context could not be found.  |
| <i>Cause</i>  | A valid database context could not be found.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>3431</b>   | A database context could not be created.  |
| <i>Cause</i>  | A database context could not be created.  |
| <i>Action</i> | A VAID050E message is generated and written to the service debug log. Contact your system administrator.                                    |

|               |  |
|---------------|--|
| <b>3432</b>   | 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, because no virtual storage could be obtained. |
| <i>Action</i> | None.  |
| <b>3433</b>   | The database context could not be switched.  |
| <i>Cause</i>  | The database context could not be switched.  |
| <i>Action</i> | A VAID050E message is generated and written to the service debug log. Contact your system administrator.   |
| <b>3434</b>   | 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. |
| <b>3435</b>   | 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.                              |
| <b>3436</b>   | 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.                                       |
| <b>3437</b>   | 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 only literals or only bind variables when calling a stored procedure.               |

|               |   |
|---------------|---|
| <b>3438</b>   | 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 DataSourceDB2MaxLobSize service attribute for this data source. The data is not returned. |
| <i>Action</i> | Increase the value of the DataSourceDB2MaxLobSize service attribute or return a smaller LOB output parameter in the stored procedure.   |
| <b>3439</b>   | 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.   |
| <b>3440</b>   | 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 service debug log. Contact your system administrator.  |
| <b>3441</b>   | 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 a UIDMap and add the MVSServiceUIDMap service attribute to the service.  |
| <b>3442</b>   | 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.   |
| <b>3443</b>   | Cannot logon to the database.   |
| <i>Cause</i>  | The logon to DB2 failed.  |
| <i>Action</i> | See accompanying messages and the Server VAILOG for the DB2 reason code.  |

|               |  |
|---------------|--|
| <b>3444</b>   | The maximum number of database Threads is reached.   |
| <i>Cause</i>  | The Service is exceeding the value set for the ServiceDB2MaxThread service attribute.                                    |
| <i>Action</i> | Increase the value of the ServiceDB2MaxThread service attribute.   |
| <b>3445</b>   | Virtual storage limits exceeded.   |
| <i>Cause</i>  | Insufficient storage was available at the server. No more DB2 connections could be accepted.                             |
| <i>Action</i> | Try the connection again.  |
| <b>3446</b>   | DataSourceTransactionIsolation attribute has a unsupported value   |
| <i>Cause</i>  | DataSourceTransactionIsolation attribute missing.  |
| <i>Action</i> | Ask the administrator to add DataSourceTransactionIsolation attribute.   |
| <b>3447</b>   | Abend occurred due to an internal error in IBM DATABASE 2 (DB2) processing.  |
| <i>Cause</i>  | DB2 had been abended and trapped within the session.   |
| <i>Action</i> | Ask the system operator to look for message VAI046 in VAILOG.  |
| <b>3448</b>   | This functionality is not supported for this database version.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>3449</b>   | Maximum cputime limit has been exceeded, DB2 thread aborted.   |
| <i>Cause</i>  | The session has exceed its maximum CPU time as set by the DataSourceMaxCpuTime attribute.                                |
| <i>Action</i> | None.  |
| <b>3501</b>   | Unsupported transaction isolation level.   |
| <i>Cause</i>  | An attempt was detected to change the transaction isolation level to an isolation level that is unsupported by Informix. |
| <i>Action</i> | Use a transaction isolation level that is supported by the Informix database.  |

|             |   |
|-------------|---|
| <b>3502</b> | Internal error. Failed to translate the user specified statement to an Informix-specific format.<br><br><i>Cause</i> The SequeLink Server SQL Parser could not parse the SQL statement.<br><br><i>Action</i> Correct the syntax error in the SQL statement that you are trying to prepare or execute. |
| <b>3503</b> | An Informix DECIMAL value can only be converted to a SequeLink decimal value.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3504</b> | A SequeLink decimal value can only be converted to an Informix NUMBER value.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>3505</b> | Internal error. An unsupported action is encountered in a fetch callback routine.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3506</b> | Numeric value truncated.<br><br><i>Cause</i> The precision or scale of a numeric value is larger than Informix expects.<br><br><i>Action</i> Make sure the numeric value that you send to Informix corresponds to the columns definition.   |
| <b>3507</b> | An Informix timestamp value can only be converted to a SequeLink timestamp value.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>3508</b> | A SequeLink timestamp value can only be converted to an equivalent Informix timestamp value.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>3509</b>   | Output and Input-Output variables not supported.   |
| <i>Cause</i>  | An attempt was detected 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.  |
| <b>3510</b>   | 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.   |
| <b>3511</b>   | Get diagnostics failed.  |
| <i>Cause</i>  | SequeLink could not obtain the error message text from Informix.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>3512</b>   | Insertion of Smart BLOB failed.  |
| <i>Cause</i>  | SequeLink could not insert a smart BLOB (data type BLOB or CLOB).  |
| <i>Action</i> | Make sure that a default sbspace has been created in Informix. Refer to the Informix documentation for information about onconfig.   |
| <b>3513</b>   | 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.  |
| <b>3514</b>   | Invalid environment variables during establishing connection to database.  |
| <i>Cause</i>  | Either or both the environment variables INFORMIXDIR or INFORMIXSERVER are not specified correctly in the DataSourceINInformixDir and DataSourceINInformixServer service attributes. |
| <i>Action</i> | Specify either or both the INFORMIXDIR or INFORMIXSERVER environment variables in the DataSourceINInformixDir and DataSourceINInformixServer service attributes.                     |

|               |   |
|---------------|---|
| <b>3515</b>   | 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.            |
| <b>3516</b>   | 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 SequeLink Client's transaction functions for transaction handling.                       |
| <b>3517</b>   | Prepared statement is not described by Informix.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>3518</b>   | Informix function failed while reading smart LOB data.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>3519</b>   | Select statements cannot be executed via NImmediate.  |
| <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 a DDL or a statement that generates RowCounts. |
| <b>5001</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>5002</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

---

|             |   |
|-------------|---|
| <b>5003</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5004</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5011</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5012</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5013</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5014</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5015</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5021</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>5022</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5023</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5024</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5031</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5033</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5034</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5043</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5044</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|             |   |
|-------------|---|
| <b>5045</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5046</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5047</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5052</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5058</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5059</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5060</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5061</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>5065</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5067</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5069</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5070</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5071</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5101</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5102</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5103</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

|             |   |
|-------------|---|
| <b>5104</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>5105</b> | A memory allocation error occurred.<br><i>Cause</i> SequeLink was unable to allocate the necessary amount of memory.<br><i>Action</i> Increase the available memory for your application. |
| <b>5106</b> | A memory allocation error occurred.<br><i>Cause</i> SequeLink was unable to allocate the necessary amount of memory.<br><i>Action</i> Increase the available memory for your application. |
| <b>5107</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>5108</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>5109</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>5110</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>5111</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |

|               |   |
|---------------|---|
| <b>5112</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>5113</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>5150</b>   | 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.                 |
| <b>5151</b>   | 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 DataDirect Technologies technical support, if necessary. |
| <b>5152</b>   | 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 DataDirect Technologies technical support, if necessary. |
| <b>5153</b>   | 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.                  |

---

|             |                                    |   |
|-------------|------------------------------------|---|
| <b>5154</b> | 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. |

---

|             |                                    |   |
|-------------|------------------------------------|---|
| <b>5155</b> | 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. |

---

|             |                                     |   |
|-------------|-------------------------------------|---|
| <b>5156</b> | 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.    |

---

|             |   |  |
|-------------|---|--|
| <b>5157</b> | 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> . |

---

|             |                                |  |
|-------------|--------------------------------|--|
| <b>5158</b> | 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.   |

---

|               |   |
|---------------|---|
| <b>5159</b>   | 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.   |
| <b>5160</b>   | 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.   |
| <b>5161</b>   | 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.   |
| <b>5162</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>5163</b>   | 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.   |
| <b>5164</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>5200</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

|             |   |
|-------------|---|
| <b>5201</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5202</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5203</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5204</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5205</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5206</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5223</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>5241</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |

|               |  |
|---------------|--|
| <b>5270</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5290</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5300</b>   | 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.          |
| <b>5301</b>   | The transliteration file 'xxxx' is corrupt.        |
| <i>Cause</i>  | The transliteration file 'xxxx' is damaged.        |
| <i>Action</i> | Check your SequeLink Client installation.          |
| <b>5302</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>5303</b>   | 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.          |
| <b>5304</b>   | The transliteration file 'xxxx' is corrupt.        |
| <i>Cause</i>  | The transliteration file 'xxxx' is corrupt.        |
| <i>Action</i> | Check your SequeLink Client installation.          |
| <b>5320</b>   | An internal error occurred.                        |
| <i>Cause</i>  | An unexpected error occurred.                      |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

|             |  |
|-------------|--|
| <b>5321</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>5330</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>5331</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>5340</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>5350</b> | An authentication mechanism could not be successfully negotiated.<br><i>Cause</i> The SequeLink Server did not specify an authentication mechanism supported by the SequeLink Client.<br><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. |
| <b>5501</b> | Memory allocation failure.<br><i>Cause</i> Insufficient memory could be allocated.<br><i>Action</i> Free memory resources. If the problem persists, contact DataDirect Technologies technical support.   |
| <b>5502</b> | Failed to initialize SequeLink Manager.<br><i>Cause</i> The SequeLink Manager could not be initialized.<br><i>Action</i> Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>5503</b>   | Internal SequeLink Manager error detected (l=xxxxd).   |
| <i>Cause</i>  | An internal error occurred in the SequeLink Manager.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>5504</b>   | Unknown command <name> entered.  |
| <i>Cause</i>  | An incorrect SequeLink Manager command was entered.  |
| <i>Action</i> | Check the SequeLink Manager command help to verify the command.  |
| <b>5505</b>   | Specified argument not valid for the given command.  |
| <i>Cause</i>  | An incorrect parameter for a SequeLink Manager command was entered.  |
| <i>Action</i> | Check the SequeLink Manager command help to verify the command parameter.  |
| <b>5506</b>   | Failed to open file <file name>.   |
| <i>Cause</i>  | The specified file could not be opened.  |
| <i>Action</i> | Make sure that the specified file exists. If it does, make sure that you have sufficient privileges to open and read the file. |
| <b>5507</b>   | Argument out of range.   |
| <i>Cause</i>  | A parameter for a SequeLink Manager command was too long.  |
| <i>Action</i> | Check the SequeLink Manager command help to verify the command parameter.  |
| <b>5508</b>   | Required parameter <name> 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.                                    |
| <b>5509</b>   | 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.  |

|               |  |
|---------------|--|
| <b>5510</b>   | 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 DataDirect Technologies technical support.   |
| <b>5511</b>   | 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.  |
| <b>5513</b>   | Numeric value for parameter required.  |
| <i>Cause</i>  | A parameter for the specified SequeLink Manager command required a numeric value.  |
| <i>Action</i> | Check the SequeLink Manager command help to verify the parameters for the command.   |
| <b>5514</b>   | 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> . |
| <b>5515</b>   | Invalid option <name>.   |
| <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.  |
| <b>5516</b>   | Invalid value for option <name>.   |
| <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.  |

|               |  |
|---------------|--|
| <b>5517</b>   | 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.  |
| <b>5518</b>   | 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, <code>AttributeName[25]</code> . |
| <i>Action</i> | Correct the syntax.  |
| <b>5519</b>   | Invalid log level <i>&lt;name&gt;</i> .  |
| <i>Cause</i>  | The log level name in a SequeLink Manager command that was entered was invalid.  |
| <i>Action</i> | Check the SequeLink Manager command help to verify log level names.  |
| <b>5520</b>   | Invalid log value <i>&lt;name&gt;</i> .  |
| <i>Cause</i>  | The value specified with the log level name in a SequeLink Manager command that was entered was invalid.   |
| <i>Action</i> | Check the SequeLink Manager command help to verify log level values.   |
| <b>5522</b>   | Invalid numeric value <i>&lt;value&gt;</i> .   |
| <i>Cause</i>  | A value was specified in a SequeLink Manager command that could not be converted to a numeric value.   |
| <i>Action</i> | Specify a valid numeric value for the SequeLink Manager command.   |
| <b>5523</b>   | AutoSave option is already activated.  |
| <i>Cause</i>  | The SequeLink Manager command <code>SaveConfig</code> was issued when the AutoSave setting was activated.  |
| <i>Action</i> | None. This message is informational only.  |
| <b>5524</b>   | Quote mismatch.  |
| <i>Cause</i>  | Syntax error. No closing quote was typed.  |
| <i>Action</i> | Correct the syntax.  |

|               |   |
|---------------|---|
| <b>5525</b>   | System execution returned a non-zero return code (return code <i>&lt;value&gt;</i> ).   |
| <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.                               |
| <b>5526</b>   | Failed to open a pipe to <i>&lt;application&gt;</i> .   |
| <i>Cause</i>  | A pipe to the specified application could not be opened.  |
| <i>Action</i> | Make sure that the MoreExecPath is configured correctly.  |
| <b>5527</b>   | 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.                                      |
| <b>5528</b>   | Invalid flag <i>&lt;name&gt;</i> .  |
| <i>Cause</i>  | An invalid command-line flag was specified.   |
| <i>Action</i> | Specify a valid command-line flag.  |
| <b>5529</b>   | Invalid profile level <i>&lt;name&gt;</i> .   |
| <i>Cause</i>  | An invalid profile level in a SequeLink Manager command was specified.  |
| <i>Action</i> | Check the SequeLink Manager command help to verify profile levels.  |
| <b>5530</b>   | Invalid name or ID <i>&lt;value&gt;</i> for profile level <i>&lt;name&gt;</i> .   |
| <i>Cause</i>  | An invalid profile name or ID for the specified profile level in a SequeLink Manager command was supplied.                                      |
| <i>Action</i> | Check the SequeLink Manager command help to verify profile levels and their names or IDs.   |

|               |  |
|---------------|--|
| <b>5531</b>   | Too many parameters specified.   |
| <i>Cause</i>  | Too many arguments were provided with a SequeLink Manager command.   |
| <i>Action</i> | Make sure that the SequeLink Manager command provides the correct number of parameters.                            |
| <b>5532</b>   | A attribute index must be specified for this attribute.  |
| <i>Cause</i>  | When deleting or replacing an array attribute with a SequeLink Manager command, an index must always be specified. |
| <i>Action</i> | Make sure that an index is specified and the syntax is correct.  |
| <b>5533</b>   | Specified attribute is no array attribute.   |
| <i>Cause</i>  | An index was provided in a SequeLink Manager command with an attribute that is not an array attribute.             |
| <i>Action</i> | Make sure that no index is specified and the syntax is correct.  |
| <b>6000</b>   | Error loading error messages.  |
| <i>Cause</i>  | An unexpected error occurred while loading the error messages.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6001</b>   | {0}  |
| <i>Cause</i>  | Generic error occurred. At runtime, an error message from the JDK will be displayed.                               |
| <i>Action</i> | Check the error message {0} for the appropriate action.  |
| <b>6002</b>   | Specified parameter values not supported for method: {0}   |
| <i>Cause</i>  | The parameters specified for method {0} contain invalid values.  |
| <i>Action</i> | Check your JDBC application.   |
| <b>6003</b>   | Unsupported method: {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.  |

---

|             |  |
|-------------|--|
| <b>6004</b> | Invalid operation for the current cursor position.<br><br><i>Cause</i> This method invocation is only valid when the result set has a current row.<br><br><i>Action</i> Check your JDBC application.                         |
| <b>6005</b> | Invalid column name: {0}<br><br><i>Cause</i> The specified column {0} was not found. An invalid column name was specified.<br><br><i>Action</i> Check your JDBC application.   |
| <b>6006</b> | Column index {0} is out of range.<br><br><i>Cause</i> Your JDBC application specified a column index {0} that is out of bounds.<br><br><i>Action</i> Check your JDBC application.  |
| <b>6007</b> | ResultSet can not re-read row data for column {0}.<br><br><i>Cause</i> An unexpected error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>6008</b> | Unsupported data conversion.<br><br><i>Cause</i> The requested data conversion is not supported by this version of the SequeLink JDBC driver.<br><br><i>Action</i> Verify the requested conversion in your JDBC application. |
| <b>6009</b> | Object has been closed.<br><br><i>Cause</i> Object is closed. The JDBC application used an illegal method on a closed object.<br><br><i>Action</i> Correct your JDBC application.  |
| <b>6010</b> | Invalid parameter binding(s).<br><br><i>Cause</i> The parameter must be registered prior to getXXX().<br><br><i>Action</i> Correct your JDBC application.  |

---

|               |  |
|---------------|--|
| <b>6011</b>   | Invalid call Statement method: {0}   |
| <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.   |
| <b>6012</b>   | No ResultSet set was produced.   |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6013</b>   | No rows affected.  |
| <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.   |
| <b>6014</b>   | Invalid operation. Statement not in an executed state.   |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6017</b>   | Unexpected internal error.   |
| <i>Cause</i>  | An unexpected internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6018</b>   | Invalid SQL specified.   |
| <i>Cause</i>  | The specified SQL statement is not valid.  |
| <i>Action</i> | Correct your JDBC application.   |
| <b>6019</b>   | Method not valid for read-only ResultSet : {0}   |
| <i>Cause</i>  | The method {0} can only be called on an updatable result set.  |
| <i>Action</i> | Correct your JDBC application.   |

|               |   |
|---------------|---|
| <b>6020</b>   | Method not valid for TYPE_FORWARD_ONLY ResultSet : {0}.                           |
| <i>Cause</i>  | The method {0} can only be called on an scrollable result set.                    |
| <i>Action</i> | Correct your JDBC application.  |
| <b>6021</b>   | Can't start a cloned connection while in manual transaction mode.                 |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.                                |
| <b>6022</b>   | The specified SQL type is not supported by this driver.                           |
| <i>Cause</i>  | Your application uses a SQL type that is not supported by this driver.            |
| <i>Action</i> | Check your JDBC application.  |
| <b>6023</b>   | Cannot obtain a connection to perform the operation.                              |
| <i>Cause</i>  | The maximum number of statements are in use.                                      |
| <i>Action</i> | Check your JDBC application.  |
| <b>6024</b>   | Value can not be converted to requested type.                                     |
| <i>Cause</i>  | The data type conversion for the specified column failed.                         |
| <i>Action</i> | Correct your JDBC application.  |
| <b>6025</b>   | Object has been closed.   |
| <i>Cause</i>  | Object is closed. The JDBC application used an illegal method on a closed object. |
| <i>Action</i> | Correct your JDBC application.  |
| <b>6026</b>   | Can't start manual transaction mode because there are cloned connections.         |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.                                |
| <b>6027</b>   | Not in local manual transaction mode.   |
| <i>Cause</i>  | The application called a method that can only be used in manual transaction mode. |
| <i>Action</i> | Correct your JDBC application.  |

|               |   |
|---------------|---|
| <b>6029</b>   | Unable to connect. DataSource property {0} must be specified.   |
| <i>Cause</i>  | Insufficient information to connect was supplied. Missing parameters are: {0}.  |
| <i>Action</i> | Make sure that you specify all required connection properties. For more information about all possible connection properties, refer to the <i>SequeLink Administrator's Guide</i> . |
| <b>6030</b>   | Unable to connect. Invalid URL.   |
| <i>Cause</i>  | Insufficient information to connect was supplied. 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> .             |
| <b>6031</b>   | The input stream contained a different number of bytes than specified.  |
| <i>Cause</i>  | The application requested more bytes than available in the input stream.  |
| <i>Action</i> | Check your JDBC application.  |
| <b>6032</b>   | The hexadecimal string is invalid.  |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>6033</b>   | Unable to determine the type of the specified object.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>6036</b>   | Syntax error at token {0}, line {1} offset {2}.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>6037</b>   | Unexpected end of escape.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>6038</b>   | Error setting up static cursor cache.  |
| <i>Cause</i>  | An unexpected error occurred while setting up the static cursor cache.   |
| <i>Action</i> | Obtain the next exception for more information. If necessary, contact DataDirect Technologies technical support.           |
| <b>6039</b>   | Error writing data to static cursor cache.   |
| <i>Cause</i>  | An unexpected error occurred while writing to the static cursor cache set up.  |
| <i>Action</i> | Obtain the next exception for more information. If necessary, contact DataDirect Technologies technical support.           |
| <b>6040</b>   | Error reading data from static cursor cache.   |
| <i>Cause</i>  | An unexpected error occurred while writing to the static cursor cache set up.  |
| <i>Action</i> | Obtain the next exception for more information. If necessary, contact DataDirect Technologies technical support.           |
| <b>6041</b>   | 0 is not a valid row parameter value for the ResultSet.Absolute method.  |
| <i>Cause</i>  | 0 is not a valid value for the row parameter of the method ResultSet/Absolute.   |
| <i>Action</i> | Correct your application.  |
| <b>6042</b>   | Invalid call to ResultSet.Relative because there is no 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.   |
| <b>6043</b>   | An I/O error while manipulating the sort index.  |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6044</b>   | The evaluation period for this driver has expired. Contact DataDirect Technologies AnswerLine to purchase a valid license. |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|               |   |
|---------------|---|
| <b>6045</b>   | A table name must be supplied.  |
| <i>Cause</i>  | The application did not specify a table name for the DatabaseMetaData.getIndexInfo method.  |
| <i>Action</i> | Correct your application.   |
| <b>6046</b>   | Scrolling request was downgraded.   |
| <i>Cause</i>  | The result set type was downgraded.   |
| <i>Action</i> | Refer to the <i>SequeLink Developer's Reference</i> for information about restrictions on scrollable cursors.   |
| <b>6047</b>   | Updateable concurrency not supported, downgraded to readonly concurrency.   |
| <i>Cause</i>  | The result set concurrency was downgraded.  |
| <i>Action</i> | Refer to the <i>SequeLink Developer's Reference</i> for information about restrictions on updatable cursors.  |
| <b>6048</b>   | Pooled connection reclamation not supported.  |
| <i>Cause</i>  | The SequeLink JDBC driver does not support reclaiming open connections.   |
| <i>Action</i> | Check your JDBC application.  |
| <b>6049</b>   | Login has timed out.  |
| <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. |
| <b>6050</b>   | This driver is locked for use with embedded applications.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>6052</b>   | There was an error(s) in processing the batch command. Use getNextException() for details.  |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

|             |  |
|-------------|--|
| <b>6053</b> | Statements that produce result sets are not allowed in batch commands.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.                                 |
| <b>6054</b> | ResultSet is not updateable.<br><i>Cause</i> The application issued a method on a read only result set that can only be called on an updatable result set.<br><i>Action</i> Check your JDBC application.                 |
| <b>6055</b> | Can not update, the specified column is not writable.<br><i>Cause</i> The application tried to update a read only column.<br><i>Action</i> Check your JDBC application.  |
| <b>6056</b> | Row update actually caused {0} rows to be updated.<br><i>Cause</i> ResultSet.updateRow updated more ore than one row.<br><i>Action</i> Make sure that your application selects the primary key of the table.             |
| <b>6057</b> | Row update failed.<br><i>Cause</i> An exception occurred while updating the ResultSet.<br><i>Action</i> Obtain the next exception for more information. If necessary, contact DataDirect Technologies technical support. |
| <b>6058</b> | Invalid operation while positioned on the insert row.<br><i>Cause</i> The application called a method {0} that can not be called while positioned on the insert row.<br><i>Action</i> Correct your JDBC application.     |
| <b>6059</b> | Row delete actually caused {0} rows to be deleted.<br><i>Cause</i> ResultSet.deleteRow updated more ore than one row.<br><i>Action</i> Make sure that your application selects the primary key of the table.             |

|               |  |
|---------------|--|
| <b>6060</b>   | Row delete failed.   |
| <i>Cause</i>  | An exception occurred while deleting a row from the ResultSet.   |
| <i>Action</i> | Obtain the next exception for more information. If necessary, contact DataDirect Technologies technical support. |
| <b>6061</b>   | Must be on the insert row to insert.   |
| <i>Cause</i>  | This method invocation is only valid when the cursor is positioned on the insert row.                            |
| <i>Action</i> | Check your JDBC application.   |
| <b>6062</b>   | Row insert failed.   |
| <i>Cause</i>  | An exception occurred while inserting a row into the ResultSet.  |
| <i>Action</i> | Obtain the next exception for more information. If necessary, contact DataDirect Technologies technical support. |
| <b>6063</b>   | Error closing Blob or Clob object.   |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6064</b>   | The search pattern specified is too large.   |
| <i>Cause</i>  | The search pattern used is too large.  |
| <i>Action</i> | Try to reduce the size of the search pattern if possible.  |
| <b>6065</b>   | The buffer supplied is too small.  |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6066</b>   | The size of the Blob is too big to be cached.  |
| <i>Cause</i>  | The size of the Blob is too large to be cached.  |
| <i>Action</i> | If possible, try to reduce the size of the Blob.   |

|             |   |
|-------------|---|
| <b>6068</b> | Can't search Blobs larger than 2 GB<br><i>Cause</i> The size of the Blob is too large to be searched.<br><i>Action</i> If possible, try to reduce the size of the Blob.   |
| <b>6069</b> | One or more arguments supplied to method {0} are invalid<br><i>Cause</i> The parameters specified for method {0} contain invalid values.<br><i>Action</i> Check your JDBC application.  |
| <b>6070</b> | Invalid character encoding for Clob<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>6071</b> | Invalid position. The Clob data uses UCS2 character encoding and current position is odd<br><i>Cause</i> This Clob data uses UCS-2 character encoding so the position cannot be an odd value.<br><i>Action</i> Check your JDBC application. |
| <b>6072</b> | Can't set autocommit to true during global transaction.<br><i>Cause</i> You cannot set Autocommit to "on" for global transactions.<br><i>Action</i> Check your JDBC application.  |
| <b>6073</b> | Can't commit using XAConnection during global transaction.<br><i>Cause</i> You cannot call commit during a global transaction.<br><i>Action</i> Check your JDBC application.  |
| <b>6074</b> | Can't rollback using XAConnection during global transaction.<br><i>Cause</i> You cannot call rolback during a global transaction.<br><i>Action</i> Check your JDBC application.   |
| <b>6076</b> | Cannot insert an empty row into this ResultSet.<br><i>Cause</i> Your database does not support inserting an empty row into a result set.<br><i>Action</i> Check your JDBC application.  |

|             |   |
|-------------|---|
| <b>6077</b> | The position specified is past the end of the BLOB or CLOB<br><i>Cause</i> One of the specified parameters contains an invalid value.<br><i>Action</i> Check your JDBC application.   |
| <b>6078</b> | The operation was cancelled at the user's request.<br><i>Cause</i> The user cancelled the execute on another thread.<br><i>Action</i> None.   |
| <b>6079</b> | All of the data supplied could not be written.<br><i>Cause</i> One of the specified parameters contains an invalid value.<br><i>Action</i> Check your JDBC application.   |
| <b>6080</b> | The specified Savepoint does not have a numeric ID.<br><i>Cause</i> This savepoint does not have a numeric ID.<br><i>Action</i> Check your JDBC application.  |
| <b>6081</b> | The specified Savepoint is un-named.<br><i>Cause</i> This savepoint does not have a name.<br><i>Action</i> Check your JDBC application.   |
| <b>6082</b> | The specified Savepoint is invalid.<br><i>Cause</i> The application specified an invalid savepoint<br><i>Action</i> Check your JDBC application.  |
| <b>6083</b> | Discarded ResultSet during executeUpdate.<br><i>Cause</i> The application used executeUpdate for a SQLStatement that also returns Result Sets.<br><i>Action</i> Check your JDBC application if you really want to discard the result sets. Otherwise, modify your application so that it uses 'execute' instead of 'executeUpdate'. |

|               |   |
|---------------|---|
| <b>6084</b>   | Discarded rows affected count during executeQuery.  |
| <i>Cause</i>  | The application used executeQuery for a SQLStatement that also returns update counts.   |
| <i>Action</i> | Check your JDBC application if you really want to discard the update counts. Otherwise, modify your application so that it uses 'execute' instead of 'executeUpdate'. |
| <b>6085</b>   | Execution timeout expired.  |
| <i>Cause</i>  | A timeout expired.  |
| <i>Action</i> | Check the SQL statement used by your application. If it is correct, increase the query timeout value.   |
| <b>6086</b>   | Can't set a savepoint during global transaction.  |
| <i>Cause</i>  | You cannot set a savepoint during global transactions.  |
| <i>Action</i> | Check your JDBC application.  |
| <b>6087</b>   | Can't release a savepoint during global transaction.  |
| <i>Cause</i>  | You cannot release a savepoint during global transactions.  |
| <i>Action</i> | Check your JDBC application.  |
| <b>6088</b>   | The requested parameter metadata is not available for the current statement.  |
| <i>Cause</i>  | The requested parameter metadata is not available.  |
| <i>Action</i> | Check your JDBC application.  |
| <b>6089</b>   | On a deleted row. Can not perform operation.  |
| <i>Cause</i>  | The method invocation is only valid if not positioned on a deleted row.   |
| <i>Action</i> | Check your JDBC application.  |
| <b>6501</b>   | A required input parameter could not be read.   |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>6502</b>   | A required output parameter could not be written.  |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>6503</b>   | A parameter was malformed.                         |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>6504</b>   | An unsupported mechanism was requested.            |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>6505</b>   | An invalid name was supplied.                      |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>6506</b>   | A supplied name was of an unsupported type.        |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>6507</b>   | Incorrect channel bindings were supplied.          |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>6508</b>   | An invalid status code was supplied.               |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |
| <b>6509</b>   | A token had an invalid signature.                  |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>6510</b>   | 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.   |

---

|               |  |
|---------------|--|
| <b>6511</b>   | No context has been established.                   |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>6512</b>   | A token was invalid.                               |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>6513</b>   | A credential was invalid.                          |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |   |
|---------------|---|
| <b>6514</b>   | 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.   |

---

|               |  |
|---------------|--|
| <b>6515</b>   | The context has expired.                           |
| <i>Cause</i>  | An internal error occurred.                        |
| <i>Action</i> | Contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>6516</b>   | 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.   |
| <b>6517</b>   | The quality-of-protection requested could not be provided.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6518</b>   | The operation is forbidden by local security policy.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6519</b>   | The operation or option is unavailable.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6520</b>   | The requested credential element already exists.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6521</b>   | The provided name was not a mechanism name.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6522</b>   | Failed to load MGSS mechanism.   |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|             |  |
|-------------|--|
| <b>6523</b> | Memory allocation failed.<br><br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>6524</b> | Context call failed.<br><br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>6525</b> | Prompt for authentication information aborted by user.<br><br><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).<br><i>Action</i> None.  |
| <b>6526</b> | MGSS module version mismatch.<br><br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>6527</b> | MGSS module returned an unknown major status code.<br><br><i>Cause</i> An internal error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>6801</b> | Name given to entity instance is longer than 8 characters.<br><br><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.<br><br><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. |

|               |  |
|---------------|--|
| <b>6802</b>   | 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.   |
| <b>6803</b>   | 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.  |
| <b>6851</b>   | Memory allocation failure.   |
| <i>Cause</i>  | No memory could be allocated.  |
| <i>Action</i> | Free memory resources. If the problem persists, contact DataDirect Technologies technical support.   |
| <b>6852</b>   | Internal SequeLink Administration error detected (I=<number>).   |
| <i>Cause</i>  | An internal error occurred in the SequeLink Manager.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6853</b>   | 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.   |
| <b>6854</b>   | 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 DataDirect Technologies technical support.   |

|             |   |
|-------------|---|
| <b>6855</b> | Invalid attribute ID <i>&lt;id&gt;</i> .<br><br><i>Cause</i> An invalid service attribute ID was specified.<br><br><i>Action</i> Specify a valid ID for the service attribute. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .  |
| <b>6856</b> | Value for attribute <i>&lt;ID or name&gt;</i> is no numeric value.<br><br><i>Cause</i> The service attribute value specified requires a numeric value.<br><br><i>Action</i> Specify a numeric value for the service attribute value. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .  |
| <b>6858</b> | Specified value <i>&lt;attribute value&gt;</i> for attribute <i>&lt;name or ID&gt;</i> is not valid. Values between <i>&lt;lower limit&gt;</i> and <i>&lt;upper limit&gt;</i> are valid.<br><br><i>Cause</i> The specified service attribute value was invalid.<br><br><i>Action</i> Specify the service attribute value, using a numeric value between <i>&lt;lower limit&gt;</i> and <i>&lt;upper limit&gt;</i> . |
| <b>6859</b> | Specified value <i>&lt;attribute value&gt;</i> for attribute <i>&lt;ID or name&gt;</i> is not valid.<br><br><i>Cause</i> The specified service attribute value was invalid.<br><br><i>Action</i> Specify a valid value for the service attribute.   |
| <b>6861</b> | Invalid values for boolean attribute <i>&lt;ID or name&gt;</i> .<br><br><i>Cause</i> The specified service attribute value is not a valid boolean value.<br><br><i>Action</i> Specify a valid value for the service attribute.  |
| <b>6862</b> | Length of string attribute <i>&lt;ID or name&gt;</i> cannot be larger then <i>&lt;length&gt;</i> characters.<br><br><i>Cause</i> The specified service attribute value cannot exceed the maximum string length allowed.<br><br><i>Action</i> Specify a valid value for the service attribute.   |
| <b>6863</b> | Attribute type not supported.<br><br><i>Cause</i> An internal error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |

---

|               |   |
|---------------|---|
| <b>6864</b>   | Unable to determine local host name.                          |
| <i>Cause</i>  | SequeLink was unable to determine the name of the local host. |
| <i>Action</i> | Contact DataDirect Technologies technical support.            |

---

|               |   |
|---------------|---|
| <b>6865</b>   | Invalid service name <service name>.  |
| <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. |

---

|               |   |
|---------------|---|
| <b>6866</b>   | 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> . |

---

|               |  |
|---------------|--|
| <b>6867</b>   | 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.  |

---

|               |   |
|---------------|---|
| <b>6868</b>   | 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.                          |

---

|               |   |
|---------------|---|
| <b>6869</b>   | 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 DataDirect Technologies technical support.   |

---

|               |  |
|---------------|--|
| <b>6870</b>   | Attribute <ID or name> is not 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> .   |
| <b>6871</b>   | 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.  |
| <b>6872</b>   | 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.  |
| <b>6873</b>   | 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> . |
| <b>6874</b>   | 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> . |

|               |  |
|---------------|--|
| <b>6875</b>   | 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.  |
| <b>6877</b>   | 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> . |
| <b>6878</b>   | 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> .             |
| <b>6879</b>   | 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.  |
| <b>6880</b>   | Only one <object> may exist.   |
| <i>Cause</i>  | Only one instance of the object may exist.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6881</b>   | Invalid <object>.  |
| <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.   |
| <b>6882</b>   | No <object> exists.  |
| <i>Cause</i>  | No instance of object exists.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|               |  |
|---------------|--|
| <b>6883</b>   | <b>&lt;object&gt; already exists.</b>  |
| <i>Cause</i>  | The SequeLink service name or the server data source name already exists.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6884</b>   | <b>&lt;object&gt; still used by service &lt;service name&gt;.</b>  |
| <i>Cause</i>  | The object is still used by the specified SequeLink service.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6885</b>   | <b>Cannot delete required attribute &lt;ID or name&gt;.</b>  |
| <i>Cause</i>  | The attribute cannot be deleted because it is required.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>6886</b>   | <b>Unable to determine event trace location for service &lt;service name&gt;.</b>  |
| <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> . |
| <b>6887</b>   | <b>Event trace not available for service &lt;service name&gt;. Check if the service is running and an event trace profile is created.</b>  |
| <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> .  |
| <b>6888</b>   | <b>Failed to open event trace file &lt;file name&gt;.</b>  |
| <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.   |

|             |   |
|-------------|---|
| <b>6890</b> | Invalid array index <i>&lt;number&gt;</i> for attribute <i>&lt;ID or name&gt;</i> .<br><br><i>Cause</i> An invalid attribute array index was specified.<br><br><i>Action</i> Specify a valid array index.   |
| <b>6892</b> | Invalid session ID <i>&lt;number&gt;</i> .<br><br><i>Cause</i> An invalid session ID was specified.<br><br><i>Action</i> Specify a correct session ID.  |
| <b>6893</b> | No configuration opened.<br><br><i>Cause</i> A SequeLink Manager request was made that required a connection to a SequeLink Agent or a SequeLink configuration file.<br><br><i>Action</i> Connect to a SequeLink Agent or open a SequeLink configuration file before making SequeLink Manager requests.                                 |
| <b>6894</b> | Invalid numeric value <i>&lt;value&gt;</i> .<br><br><i>Cause</i> A value was specified that could not be converted to a numeric value.<br><br><i>Action</i> Specify a valid numeric value.  |
| <b>6895</b> | Failed to prompt for user ID and password.<br><br><i>Cause</i> The callback function to prompt for a user ID and password failed.<br><br><i>Action</i> Contact DataDirect Technologies technical support.   |
| <b>6896</b> | Invalid attribute name <i>&lt;name&gt;</i> .<br><br><i>Cause</i> An invalid attribute name was specified.<br><br><i>Action</i> Specify a valid attribute. For more information about specifying SequeLink service attributes, refer to the <i>SequeLink Administrator's Guide</i> .   |
| <b>6897</b> | No agent service found in <i>&lt;file name&gt;</i> .<br><br><i>Cause</i> A SequeLink Agent service was not found defined in the specified SequeLink configuration file.<br><br><i>Action</i> Create a SequeLink Agent service. For information about creating SequeLink services, refer to the <i>SequeLink Administrator's Guide</i> . |

|             |   |
|-------------|---|
| <b>6898</b> | Unable to locate local SequeLink server configuration file.<br><i>Cause</i> A local SequeLink configuration file could not be located.<br><i>Action</i> Make sure that you have specified the local configuration file correctly.   |
| <b>6899</b> | SequeLink Administration library has not been initialized.<br><i>Cause</i> A call to the SequeLink Manager library was made before calling SLMAM_Init.<br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>6900</b> | Service <service name> already exists.<br><i>Cause</i> A SequeLink service with the same service name already exists.<br><i>Action</i> Specify a unique service name for the SequeLink service.   |
| <b>6901</b> | Invalid token in service name.<br><i>Cause</i> The specified service name contains a token that is not allowed.<br><i>Action</i> Choose another name for your SequeLink service.  |
| <b>6902</b> | Service <service name> is already started.<br><i>Cause</i> An attempt was made to start a SequeLink service that was already started.<br><i>Action</i> None.  |
| <b>6903</b> | Service <service name> is not active.<br><i>Cause</i> The specified SequeLink service is not active.<br><i>Action</i> None.   |
| <b>6904</b> | No monitor profile available for service <service name>.<br><i>Cause</i> The specified SequeLink service does not have monitoring enabled.<br><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> . |

---

|               |   |
|---------------|---|
| <b>6905</b>   | A monitor profile already exists for service <service name>.    |
| <i>Cause</i>  | The specified SequeLink service already has monitoring enabled. |
| <i>Action</i> | None.   |

---

|               |   |
|---------------|---|
| <b>6906</b>   | 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> . |

---

|               |   |
|---------------|---|
| <b>6911</b>   | The default data source for service <service name> 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.   |

---

|               |  |
|---------------|--|
| <b>6912</b>   | Unable to find a default data source for service <service name>.                       |
| <i>Cause</i>  | The default server data source for the specified SequeLink service could not be found. |
| <i>Action</i> | Contact DataDirect Technologies technical support.                                     |

---

|               |   |
|---------------|---|
| <b>6913</b>   | Session monitoring has not been enabled for service <service name>.   |
| <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> . |

---

|               |  |
|---------------|--|
| <b>6914</b>   | Failed to start service <service name>.  |
| <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. |

---

|             |   |
|-------------|---|
| <b>7361</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>7362</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>7363</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>7364</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>7365</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>7366</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>7367</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |
| <b>7368</b> | An internal error occurred.<br><i>Cause</i> An unexpected error occurred.<br><i>Action</i> Contact DataDirect Technologies technical support. |

|               |   |
|---------------|---|
| <b>7369</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7370</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7391</b>   | 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.   |
| <b>7392</b>   | 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.  |
| <b>7393</b>   | 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.   |
| <b>7394</b>   | 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.  |
| <b>7395</b>   | 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. |

|               |   |
|---------------|---|
| <b>7396</b>   | 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.  |
| <b>7397</b>   | Insufficient information to connect. Missing parameters are: {0}.   |
| <i>Cause</i>  | Insufficient information to connect was supplied. 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> . |
| <b>7398</b>   | An internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7399</b>   | 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.  |
| <b>7400</b>   | Error occurred while reading properties file.   |
| <i>Cause</i>  | An error occurred while reading the properties file.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7401</b>   | 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.  |

|             |   |
|-------------|---|
| <b>7402</b> | Unexpected error occurred during timed connection startup.<br><br><i>Cause</i> An unexpected error occurred during timed connection startup.<br><br><i>Action</i> Obtain the next exception for more information. If necessary, contact DataDirect Technologies technical support.  |
| <b>7403</b> | Statement did not generate a row count. executeUpdate() cannot be used on a statement that returns a result set.<br><br><i>Cause</i> The statement did not generate a row count. executeUpdate() cannot be used on a statement that returns a result set.<br><br><i>Action</i> Correct your JDBC application.                 |
| <b>7404</b> | Statement did not generate a result set. executeQuery() cannot be used on a statement that does not return a result set.<br><br><i>Cause</i> The statement did not generate a result set. executeQuery() cannot be used on a statement that does not return a result set.<br><br><i>Action</i> Correct your JDBC application. |
| <b>7405</b> | Conversion not supported: {0}() for SQL data type {1}. The specified method is illegal for a column of the specified SQL data type.<br><br><i>Cause</i> The specified method is invalid for a column of the specified SQL data type.<br><br><i>Action</i> Correct your JDBC application.                                      |
| <b>7406</b> | Conversion of value '{0}' at column '{1}' failed. The data type conversion for the specified column failed.<br><br><i>Cause</i> The data type conversion for the specified column failed.<br><br><i>Action</i> Correct your JDBC application.   |
| <b>7407</b> | An unsupported SQL data type has been specified: {0}. The specified SQL data type is invalid.<br><br><i>Cause</i> The specified SQL data type is invalid.<br><br><i>Action</i> Correct your JDBC application.   |

|             |  |
|-------------|--|
| <b>7408</b> | Invalid use of null string.<br><br><i>Cause</i> A null string is incorrectly used as a parameter or a method of DatabaseMetaData.<br><br><i>Action</i> Correct your JDBC application.  |
| <b>7409</b> | An internal error occurred.<br><br><i>Cause</i> An unexpected error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>7410</b> | An internal error occurred.<br><br><i>Cause</i> An unexpected error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>7411</b> | An internal error occurred.<br><br><i>Cause</i> An unexpected error occurred.<br><br><i>Action</i> Contact DataDirect Technologies technical support.  |
| <b>7412</b> | Use register OutParameter (int, int, int) for SQL data type {0}. The method registerOutParameter (int, int) is not supported for DECIMAL data.<br><br><i>Cause</i> The method registerOutParameter (int, int) is not supported for DECIMAL data.<br><br><i>Action</i> Correct your JDBC application.                 |
| <b>7413</b> | No output parameter is registered at parameter index {0}. registerOutParameter must be called prior to getXXX() on a CallableStatement.<br><br><i>Cause</i> registerOutParameter must be called prior to getXXX() on a CallableStatement.<br><br><i>Action</i> Correct your JDBC application.                        |
| <b>7414</b> | 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.<br><br><i>Cause</i> The specified method is invalid for a column of the specified SQL data type.<br><br><i>Action</i> Correct your JDBC application. |

|             |  |
|-------------|--|
| <b>7415</b> | <p>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.</p> <p><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.</p> <p><i>Action</i> Check your JDBC application.</p> |
| <b>7416</b> | <p>The number of input parameters is different from the previous parameter set.</p> <p><i>Cause</i> The number of input parameters is different from the previous parameter set.</p> <p><i>Action</i> Check your JDBC application.</p>   |
| <b>7417</b> | <p>Output parameters with batch updates are not supported.</p> <p><i>Cause</i> You cannot use output parameters with batch updates.</p> <p><i>Action</i> Check your JDBC application.</p>  |
| <b>7418</b> | <p>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().</p> <p><i>Cause</i> The JDBC application specified an object of the unsupported class as parameter for PreparedStatement.setObject().</p> <p><i>Action</i> Check your JDBC application.</p>  |
| <b>7419</b> | <p>The number of bytes in a unicode stream cannot be an odd value.</p> <p><i>Cause</i> The number of bytes in a Unicode stream cannot be an odd value.</p> <p><i>Action</i> Check your JDBC application.</p>   |
| <b>7420</b> | <p>Some parameters are not defined. The application did not call a setXXX() method for each parameter in the SQL statement.</p> <p><i>Cause</i> Some parameters are not defined. The application did not call a setXXX() method for each parameter in the SQL statement.</p> <p><i>Action</i> Check your JDBC application for undefined parameters.</p>  |

|               |   |
|---------------|---|
| <b>7421</b>   | 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.  |
| <b>7422</b>   | 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.  |
| <b>7423</b>   | 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.  |
| <b>7424</b>   | 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.  |
| <b>7425</b>   | 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.                                   |
| <b>7426</b>   | 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.  |
| <b>7427</b>   | 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. |

|               |   |
|---------------|---|
| <b>7428</b>   | 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 DataDirect Technologies technical support, if necessary.             |
| <b>7429</b>   | 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 DataDirect Technologies technical support, if necessary.             |
| <b>7430</b>   | 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 clearParameters().   |
| <b>7431</b>   | 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.  |
| <b>7432</b>   | Internal error: Invalid state of statement context '{0}'.   |
| <i>Cause</i>  | The state of statement context '{0}' was invalid.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7433</b>   | Conversion not supported: setObject() 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.  |

|               |  |
|---------------|--|
| <b>7434</b>   | 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. |
| <b>7435</b>   | 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 DataDirect Technologies technical support.   |
| <b>7436</b>   | Error occurred while processing transliteration table: {0}.  |
| <i>Cause</i>  | An error occurred while processing a transliteration table.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7437</b>   | Transliteration table corrupt: {0}.  |
| <i>Cause</i>  | A transliteration table was corrupted.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7438</b>   | NumberFormatException during setObject() with object type {0} used for SQL data type {1} at parameter index {2}.   |
| <i>Cause</i>  | A NumberFormatException occurred 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.  |
| <b>7439</b>   | 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.   |

|               |  |
|---------------|--|
| <b>7440</b>   | 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.   |
| <b>7441</b>   | 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 DataDirect Technologies technical support.   |
| <b>7442</b>   | FetchSize must be less than maxRowSize.  |
| <i>Cause</i>  | FetchSize must be less than maxRowSize.  |
| <i>Action</i> | Check your JDBC application.   |
| <b>7443</b>   | 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.   |
| <b>7444</b>   | 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 DataDirect Technologies technical support.   |
| <b>7445</b>   | Internal error occurred.   |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7446</b>   | Error occurred while processing transliteration table: {0}.  |
| <i>Cause</i>  | An error occurred while processing a transliteration table.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|               |   |
|---------------|---|
| <b>7447</b>   | An unsupported transliteration type has been specified: {0}.  |
| <i>Cause</i>  | An unsupported transliteration type has been specified.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7448</b>   | You are attempting to use this DataDirect Technologies software from an application that is not licensed to use it. |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7449</b>   | Server asked for unknown encryption.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7450</b>   | No initialization vector was sent when one was expected.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7451</b>   | Initialization vector has wrong size ({0} bytes). Expected {1} bytes.   |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7452</b>   | Error occurred during transliteration.  |
| <i>Cause</i>  | An internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7481</b>   | 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.       |

|               |  |
|---------------|--|
| <b>7482</b>   | Result set concurrency is changed from '{0}' to '{1}'. This is a SQL Warning.  |
| <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.  |
| <b>7483</b>   | 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.  |
| <b>7491</b>   | Object is closed.  |
| <i>Cause</i>  | The object is closed.  |
| <i>Action</i> | Check your JDBC application.   |
| <b>7492</b>   | 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.   |
| <b>7493</b>   | Cannot commit for global transaction.  |
| <i>Cause</i>  | Global transaction could not be committed.   |
| <i>Action</i> | Check your JDBC application.   |
| <b>7494</b>   | Cannot rollback for global transaction.  |
| <i>Cause</i>  | Global transaction could not be rolled back.   |
| <i>Action</i> | Check your JDBC application.   |
| <b>7495</b>   | 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.   |

|               |  |
|---------------|--|
| <b>7720</b>   | [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.   |
| <b>7721</b>   | [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.                                 |
| <b>7722</b>   | [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.                              |
| <b>7723</b>   | [SSL]Illegal transfer mode specified.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7724</b>   | [SSL]Illegal log level specified.  |
| <i>Cause</i>  | An internal error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7725</b>   | [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.                                  |
| <b>7726</b>   | [SSL]Internal error: proxy server state error.   |
| <i>Cause</i>  | An unexpected error occurred.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

---

|               |  |
|---------------|--|
| <b>7727</b>   | [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"> <li>■ Check the detailed exceptions.</li> <li>■ Check the Port parameter in the proxy server configuration file.</li> <li>■ Check the AdminPort parameter in the proxy server configuration file.</li> <li>■ Make sure that the proxy server is not already running at the host.</li> </ul> |

---

|               |   |
|---------------|---|
| <b>7728</b>   | [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.                                    |

---

|               |  |
|---------------|--|
| <b>7729</b>   | [SSL]Configuration file not found.   |
| <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. |
| <i>Action</i> | Verify that the proxy server configuration file has the extension .cfg in its name and exists in the current directory.  |

---

|               |   |
|---------------|---|
| <b>7730</b>   | [SSL]Cannot read configuration file.                      |
| <i>Cause</i>  | The specified configuration file is not readable.         |
| <i>Action</i> | Check the privileges of the specified configuration file. |

---

|               |  |
|---------------|--|
| <b>7731</b>   | [SSL]Cannot create file inputstream.   |
| <i>Cause</i>  | Internal error. An IOException occurred while trying to read from the proxy server configuration file.   |
| <i>Action</i> | Check the console of the proxy server machine for more detailed error messages. If necessary, contact DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>7732</b>   | [SSL]Cannot read key/value pairs from stream into properties object.   |
| <i>Cause</i>  | Internal error. An IOException occurred when trying to interpret the proxy server configuration file as a properties object.                     |
| <i>Action</i> | Check the console of the proxy server machine for more detailed error messages. If necessary, contact DataDirect Technologies technical support. |
| <b>7733</b>   | [SSL]Non-numerical value for port specified.   |
| <i>Cause</i>  | A non-numeric value is specified for the Port parameter in the proxy server configuration file.  |
| <i>Action</i> | Check the Port parameter in the proxy server configuration file.   |
| <b>7734</b>   | [SSL]Non-numerical value for server port specified.  |
| <i>Cause</i>  | The proxy server configuration file specified an invalid value for the ServerPort parameter.   |
| <i>Action</i> | Check the ServerPort parameter in the proxy server configuration file.   |
| <b>7735</b>   | [SSL]Non-numerical value for maximum number of connections specified.  |
| <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.   |
| <b>7736</b>   | [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.  |
| <b>7737</b>   | [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.   |

---

|               |  |
|---------------|--|
| <b>7738</b>   | [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.                       |

---

|               |   |
|---------------|---|
| <b>7739</b>   | [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.                             |

---

|               |  |
|---------------|--|
| <b>7740</b>   | [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.                          |

---

|               |  |
|---------------|--|
| <b>7741</b>   | [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.                          |

---

|               |   |
|---------------|---|
| <b>7742</b>   | [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.                             |

---

|               |   |
|---------------|---|
| <b>7743</b>   | [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"> <li>■ Check the Port parameter in the proxy server configuration file.</li> <li>■ Check the AdminPort parameter in the proxy server configuration file.</li> </ul> |

---

|               |   |
|---------------|---|
| <b>7744</b>   | [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 DataDirect Technologies technical support.      |
| <b>7745</b>   | [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.                        |
| <b>7746</b>   | [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.   |
| <b>7747</b>   | [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 DataDirect Technologies technical support. |
| <b>7748</b>   | [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 DataDirect Technologies technical support.      |
| <b>7749</b>   | [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 DataDirect Technologies technical support.      |

|               |  |
|---------------|--|
| <b>7750</b>   | [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 DataDirect Technologies technical support. |
| <b>7751</b>   | [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 DataDirect Technologies technical support. |
| <b>7752</b>   | [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 DataDirect Technologies technical support. |
| <b>7753</b>   | [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 DataDirect Technologies technical support. |
| <b>7754</b>   | [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 DataDirect Technologies technical support. |
| <b>7755</b>   | [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 DataDirect Technologies technical support. |
| <b>7756</b>   | [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 DataDirect Technologies technical support. |

|             |   |
|-------------|---|
| <b>7757</b> | [SSL]Network read error in server read message length operation.<br><br><i>Cause</i> A non-fatal internal error occurred.<br><br><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact DataDirect Technologies technical support. |
| <b>7758</b> | [SSL]Network read error in server read message operation.<br><br><i>Cause</i> A non-fatal internal error occurred.<br><br><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact DataDirect Technologies technical support.        |
| <b>7759</b> | [SSL]Network read error in server read message length operation.<br><br><i>Cause</i> A non-fatal internal error occurred.<br><br><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact DataDirect Technologies technical support. |
| <b>7760</b> | [SSL]End of input in server read message operation.<br><br><i>Cause</i> A non-fatal internal error occurred.<br><br><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact DataDirect Technologies technical support.              |
| <b>7761</b> | [SSL]Network write error in server write operation.<br><br><i>Cause</i> A non-fatal internal error occurred.<br><br><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact DataDirect Technologies technical support.              |
| <b>7762</b> | [SSL]Server message decoding failed.<br><br><i>Cause</i> A non-fatal internal error occurred.<br><br><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact DataDirect Technologies technical support.                             |
| <b>7763</b> | [SSL]Invalid server connection.<br><br><i>Cause</i> A non-fatal internal error occurred.<br><br><i>Action</i> Check the proxy server log file for more detailed error messages. If necessary, contact DataDirect Technologies technical support.                                  |

|               |  |
|---------------|--|
| <b>7764</b>   | [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 DataDirect Technologies technical support. |
| <b>7765</b>   | [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 DataDirect Technologies technical support. |
| <b>7766</b>   | [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 DataDirect Technologies technical support. |
| <b>7767</b>   | [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 DataDirect Technologies technical support. |
| <b>7768</b>   | [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 DataDirect Technologies technical support. |
| <b>7769</b>   | [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 DataDirect Technologies technical support. |
| <b>7770</b>   | [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 DataDirect Technologies technical support. |

|               |  |
|---------------|--|
| <b>7771</b>   | [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 DataDirect Technologies technical support.   |
| <b>7772</b>   | [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 DataDirect Technologies technical support.   |
| <b>7773</b>   | [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 DataDirect Technologies technical support.   |
| <b>7774</b>   | [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 DataDirect Technologies technical support.   |
| <b>7775</b>   | [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.       |
| <b>7776</b>   | [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.   |

---

|               |  |
|---------------|--|
| <b>7777</b>   | [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 DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>7778</b>   | [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 DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>7779</b>   | [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"> <li>■ Check the LogDir parameter in the proxy server configuration file.</li> <li>■ Verify that the required file privileges are set.</li> <li>■ If the previous actions do not resolve the problem, try to create the logging directory explicitly.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7780</b>   | [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"> <li>■ Check the console of the proxy server machine for more detailed error messages.</li> <li>■ Verify that the required file privileges are set.</li> <li>■ Make sure that no other process is using the log file.</li> </ul> |

---

|               |   |
|---------------|---|
| <b>7781</b>   | [SSL]Seek in log file failed.   |
| <i>Cause</i>  | An internal error occurred when processing an existing log file.  |
| <i>Action</i> | <ul style="list-style-type: none"> <li>■ Verify that the required file privileges are set.</li> <li>■ Make sure that no other process is using the log file.</li> <li>■ If the previous actions do not resolve the problem, contact DataDirect Technologies technical support.</li> </ul> |

---

---

|               |   |
|---------------|---|
| <b>7782</b>   | [SSL]Get file descriptor failed.  |
| <i>Cause</i>  | An internal error occurred when processing an existing log file.  |
| <i>Action</i> | <ul style="list-style-type: none"> <li>■ Verify that the required file permission are set.</li> <li>■ Make sure that no other process is using the file.</li> <li>■ If the previous actions do not resolve the problem, contact DataDirect Technologies technical support.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7783</b>   | [SSL]Cannot create file outputstream.  |
| <i>Cause</i>  | An error occurred when trying to write to the proxy server log file.   |
| <i>Action</i> | <ul style="list-style-type: none"> <li>■ Check the proxy server console for more detailed error messages.</li> <li>■ Verify that the required file permissions are set.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7784</b>   | [SSL]Cannot create endpoint for proxy server administration.   |
| <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.   |
| <i>Action</i> | <ul style="list-style-type: none"> <li>■ Check the detailed exceptions.</li> <li>■ Check the AdminPort parameter in the proxy server configuration file.</li> <li>■ Make sure that a proxy server is not already running at the host.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7785</b>   | [SSL]Unknown operation requested by system administrator.  |
| <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 DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>7786</b>   | [SSL]Could not connect to proxy server: check if the proxy server was started.   |
| <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. |
| <i>Action</i> | Make sure the proxy server is started before stopping it.  |

---

|               |  |
|---------------|--|
| <b>7787</b>   | [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 DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>7788</b>   | [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 DataDirect Technologies technical support.         |
| <b>7789</b>   | [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 DataDirect Technologies technical support.         |
| <b>7790</b>   | [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 DataDirect Technologies technical support.         |
| <b>7791</b>   | [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 DataDirect Technologies technical support.         |
| <b>7792</b>   | [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.  |
| <b>7793</b>   | [SSL]Unknown local host.   |
| <i>Cause</i>  | An internal error occurred when trying to stop a running proxy server.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|               |   |
|---------------|---|
| <b>7794</b>   | [SSL]Supply name of proxyserver.  |
| <i>Cause</i>  | Internal error. No name is specified when starting a proxy server.  |
| <i>Action</i> | Contact DataDirect Technologies technical support.  |
| <b>7795</b>   | [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 DataDirect Technologies technical support.  |
| <b>7796</b>   | [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 DataDirect Technologies technical support.  |
| <b>7797</b>   | [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 DataDirect Technologies technical support.  |
| <b>7798</b>   | [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 DataDirect Technologies technical support.  |
| <b>7799</b>   | [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"> <li>■ Check the connection information configured at the SequeLink Client.</li> <li>■ Check the AdminPort parameter in the proxy server configuration file.</li> </ul> |

|               |  |
|---------------|--|
| <b>7800</b>   | [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.                              |
| <b>7801</b>   | [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 DataDirect Technologies technical support. |
| <b>7802</b>   | [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.  |
| <b>7803</b>   | [SSL]Proxy server with the name "<proxy server name>" already running.   |
| <i>Cause</i>  | A remote administration internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7804</b>   | [SSL]Proxy server with name "<proxy server name>" is not running.  |
| <i>Cause</i>  | A remote administration internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7805</b>   | [SSL]Error while starting proxy server: <proxy server name>.   |
| <i>Cause</i>  | A remote administration internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7806</b>   | [SSL]Error while stopping proxy server: <proxy server name>.   |
| <i>Cause</i>  | A remote administration internal error occurred.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |

|               |   |
|---------------|---|
| <b>7830</b>   | [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 com.ddtek.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 loading it, this error message is returned. |
| <i>Action</i> | Check the detailed error message. If necessary, contact DataDirect Technologies technical support.  |
| <b>7831</b>   | [SSL]Authentication provider "<provider class name>" has wrong type.  |
| <i>Cause</i>  | Internal error. A provider specified in the com.ddtek.sequelink.slje.properties properties file is not a sub-class of com.ddtek.sequelink.auth.MGSSProvider.  |
| <i>Action</i> | Check the com.ddtek.sequelink.slje.properties properties file. If necessary, contact DataDirect Technologies technical support.   |
| <b>7832</b>   | [SSL]No authentication provider specified or found.   |
| <i>Cause</i>  | No provider specified in the com.ddtek.sequelink.slje.properties properties file can be found.  |
| <i>Action</i> | Check the com.ddtek.sequelink.slje.properties properties file. Make sure that the provider classes specified in this properties file are defined in the classpath. If necessary, contact DataDirect Technologies technical support.   |
| <b>7833</b>   | [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 com.ddtek.sequelink.slje.properties properties file. Make sure that the provider classes specified in this properties file are defined in the classpath. If necessary, contact DataDirect Technologies technical support.   |

---

|               |  |
|---------------|--|
| <b>7834</b>   | [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 DataDirect Technologies technical support.   |

---

|               |   |
|---------------|---|
| <b>7835</b>   | [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 DataDirect Technologies technical support.  |

---

|               |  |
|---------------|--|
| <b>7836</b>   | [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 DataDirect Technologies technical support.   |

---

|               |  |
|---------------|--|
| <b>7837</b>   | [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 DataDirect Technologies technical support.   |

---

|               |  |
|---------------|--|
| <b>7838</b>   | [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 DataDirect Technologies technical support.   |

---

|               |   |
|---------------|---|
| <b>7839</b>   | [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"> <li>■ Check the supplied authentication information (for example, user name or password).</li> <li>■ Check which credentials the selected authentication mechanism expects.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7840</b>   | [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 DataDirect Technologies technical support.   |
| <b>7841</b>   | [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.ddtek.sequelink.slje.properties properties file. If necessary, contact DataDirect Technologies technical support.  |
| <b>7842</b>   | [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 DataDirect Technologies technical support.   |
| <b>7843</b>   | [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 DataDirect Technologies technical support.   |
| <b>7844</b>   | [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 DataDirect Technologies technical support.   |
| <b>7845</b>   | [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 DataDirect Technologies technical support.   |

|               |  |
|---------------|--|
| <b>7846</b>   | [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 DataDirect Technologies technical support.   |
| <b>7847</b>   | [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 DataDirect Technologies technical support.   |
| <b>7848</b>   | [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 DataDirect Technologies technical support.   |
| <b>7849</b>   | [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 DataDirect Technologies technical support.   |
| <b>7850</b>   | [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 DataDirect Technologies technical support.   |
| <b>7851</b>   | [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.ddtek.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.ddtek.sequelink.slje.properties properties file. If necessary, contact DataDirect Technologies technical support.  |

|               |  |
|---------------|--|
| <b>7852</b>   | [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 DataDirect Technologies technical support.   |
| <b>7853</b>   | [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.   |
| <b>7921</b>   | [SSL]Internal error.   |
| <i>Cause</i>  | Internal error in the SSL modules.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>7922</b>   | [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"> <li>■ Check the server name.</li> <li>■ Check the detailed error message.</li> </ul>                      |
| <b>7925</b>   | [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 DataDirect Technologies technical support.  |
| <b>7926</b>   | [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 DataDirect Technologies technical support.  |
| <b>7927</b>   | [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 DataDirect Technologies technical support. |

---

|               |  |
|---------------|--|
| <b>7929</b>   | [SSL]The cipher suite "<cipher suite>" is not supported.   |
| <i>Cause</i>  | The client or the proxy server specified an unsupported cipher suite.<br>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"> <li>■ Check the CipherSuites connection parameter at the client.</li> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> </ul>                 |

---

|               |  |
|---------------|--|
| <b>7930</b>   | [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"> <li>■ Check the CipherSuites connection parameter at the client.</li> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7931</b>   | [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"> <li>■ Check the CipherSuites connection parameter.</li> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7932</b>   | [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"> <li>■ Check the detailed error messages.</li> <li>■ Check the RSACertificate parameter in the proxy server configuration file.</li> <li>■ Check the DSSCertificate parameter in the proxy server configuration file.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7934</b>   | [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"> <li>■ Check the CertificateChecker connection parameter.</li> <li>■ Check if the specified certificate checker is in the client's classpath.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7937</b>   | [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> | <ul style="list-style-type: none"> <li>■ Supply the pass phrase using the pass phrase dialog.</li> <li>■ Contact DataDirect Technologies technical support.</li> </ul>   |
| <b>7938</b>   | [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> | <ul style="list-style-type: none"> <li>■ Check the RSAPrivateKey parameter in the proxy server configuration file.</li> <li>■ Check the DSSPrivateKey parameter in the proxy server configuration file.</li> <li>■ Check the PassPhrase parameter in the proxy server configuration file.</li> </ul> |
| <b>7939</b>   | [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> | <ul style="list-style-type: none"> <li>■ Check the RASPrivateKey parameter in the proxy server configuration file.</li> <li>■ Check the DSSPrivateKey parameter in the proxy server configuration file.</li> <li>■ Check the PassPhrase parameter in the proxy server configuration file.</li> </ul> |
| <b>7940</b>   | [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.   |

---

|               |  |
|---------------|--|
| <b>7942</b>   | [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"> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> <li>■ Check the DSSCertificate parameter in the proxy server configuration file.</li> </ul> |

---

|               |   |
|---------------|---|
| <b>7943</b>   | [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"> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> <li>■ Check the DSSPrivateKey parameter in the proxy server configuration file.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7944</b>   | [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"> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> <li>■ Check the RSACertificate parameter in the proxy server configuration file.</li> </ul> |

---

|               |   |
|---------------|---|
| <b>7945</b>   | [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"> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> <li>■ Check the RSAPrivateKey parameter in the proxy server configuration file.</li> </ul> |

---

---

|               |   |
|---------------|---|
| <b>7946</b>   | [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"><li>■ Check the Network parameter in the proxy server configuration file.</li><li>■ Check the CipherSuites parameter in the proxy server configuration file.</li><li>■ Check the RSACertificate parameter in the proxy server configuration file.</li></ul> |

---

|               |  |
|---------------|--|
| <b>7947</b>   | [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"><li>■ Check the Network parameter in the proxy server configuration file.</li><li>■ Check the CipherSuites parameter in the proxy server configuration file.</li><li>■ Check the RSAPrivateKey parameter in the proxy server configuration file.</li></ul> |

---

|               |   |
|---------------|---|
| <b>7948</b>   | [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"><li>■ Check the Network parameter in the proxy server configuration file.</li><li>■ Check the CipherSuites parameter in the proxy server configuration file.</li><li>■ Check the DSSCertificate parameter in the proxy server configuration file.</li></ul> |

---

---

|               |  |
|---------------|--|
| <b>7949</b>   | [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"> <li>■ Check the Network parameter in the proxy server configuration file.</li> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> <li>■ Check the DSSPrivateKey parameter in the proxy server configuration file.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7950</b>   | [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"> <li>■ Check the UsePassPhraseDialog parameter in the proxy server configuration file.</li> <li>■ Check the Network parameter in the proxy server configuration file.</li> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> </ul> |

---

|               |   |
|---------------|---|
| <b>7951</b>   | [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"> <li>■ Check the PassPhrase parameter in the proxy server configuration file.</li> <li>■ Check the Network parameter in the proxy server configuration file.</li> <li>■ Check the CipherSuites parameter in the proxy server configuration file.</li> </ul> |

---

|               |   |
|---------------|---|
| <b>7952</b>   | [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"> <li>■ Check the UsePassPhraseDialog parameter in the proxy server configuration file.</li> <li>■ Check the PassPhrase parameter in the proxy server configuration file.</li> </ul>   |

---

---

|               |  |
|---------------|--|
| <b>7954</b>   | [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 DataDirect Technologies technical support.   |

---

|               |   |
|---------------|---|
| <b>7955</b>   | [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"> <li>■ Check the CipherSuites client connection attribute and the corresponding parameter in the proxy server configuration file.</li> <li>■ Check the CertificateChecker client connection attribute.</li> <li>■ Check the proxy server log file for more detailed error information.</li> </ul> |

---

|               |  |
|---------------|--|
| <b>7956</b>   | [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"> <li>■ Check the Network parameter in the Proxy Server configuration file.</li> <li>■ Check the CipherSuites parameter in the Proxy Server configuration file.</li> </ul>  |

---

---

## SequeLink Legacy Server Error Messages

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

For more information about these messages, refer to the *eXadas System Messages Guide*.

---

|               |  |
|---------------|--|
| <b>-60</b>    | Invalid length or scale.   |
| <i>Cause</i>  | The length or scale argument passed to the DECIMAL scalar function is invalid. The value passed is either an incorrect data type or exceeds the maximum allowed value for the decimal data type. |
| <i>Action</i> | Correct the SQL statement.   |

---

|               |  |
|---------------|--|
| <b>-84</b>    | Unacceptable SQL statement.  |
| <i>Cause</i>  | <p>The SQL statement is unacceptable to DB2. One of the following conditions has occurred:</p> <ul style="list-style-type: none"> <li>■ An attempt has been made to PREPARE or EXECUTE IMMEDIATE a SQL statement that cannot be prepared, for example, FETCH or INCLUDE.</li> <li>■ The embedded SQL statement is not supported by DB2.</li> </ul> <p>The statement cannot be executed. If the situation involves a SQL statement that cannot be prepared, the problem is in the source of the SQL statement, not the application program.</p> |
| <i>Action</i> | No action is necessary unless the source of the SQL statement is in the application program itself. If the situation involves a SQL statement that is not supported by DB2, remove it from the application program and precompile again.   |

---

|               |  |
|---------------|--|
| <b>-102</b>   | Literal string is too long.  |
| <i>Cause</i>  | The string constant has a length greater than 255 characters. A character string with a length greater than 255 characters can be specified only through assignment from a host variable.  |
| <i>Action</i> | The statement cannot be executed.  |
| <b>-104</b>   | Unexpected or invalid token.   |
| <i>Cause</i>  | An unexpected or invalid token was discovered while parsing a SQL statement. This is a general syntax error in the SQL expression.   |
| <i>Action</i> | Correct the SQL statement. If the cause of the syntax error is not apparent by checking the SQL, consult the Server log for the exact token which resulted in the syntax error.  |
| <b>-107</b>   | A Name passed exceeds the maximum length for an identifier.  |
| <i>Cause</i>  | A name passed in a SQL statement exceeds the maximum length for an identifier of its type. Maximum lengths for identifiers are: <ul style="list-style-type: none"> <li>■ 8 characters for owner names (authorization IDs)</li> <li>■ 18 characters for table, view, and procedure names</li> <li>■ 30 characters for column names</li> </ul> |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-112</b>   | The operand of a column function is another column function.   |
| <i>Cause</i>  | One of the operands of an aggregate column function was another column function. Aggregates of Aggregate functions are invalid.  |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-117</b>   | The number of insert columns did not match the number of insert values.  |
| <i>Cause</i>  | An INSERT statement contained a different number of insert columns from the number of insert values supplied.  |
| <i>Action</i> | Correct the SQL statement.   |

---

|               |   |
|---------------|---|
| <b>-119</b>   | A column identified in a HAVING clause was not included in the GROUP BY clause.   |
| <i>Cause</i>  | One of the columns referenced in the HAVING clause was not also included in the GROUP BY clause. All columns in a HAVING clause which are not operands of an aggregate function (AVG, COUNT, MIN, MAX, SUM) must also be included in the GROUP BY clause. |
| <i>Action</i> | Correct the SQL statement.  |

---

|               |  |
|---------------|--|
| <b>-120</b>   | A WHERE clause or SET clause includes and aggregate column function.   |
| <i>Cause</i>  | The WHERE or SET clause includes an invalid aggregate column function (AVG, COUNT, MIN, MAX, SUM). These functions are only allowed in select lists, HAVING clauses, or WHERE clauses that are part of a subselect within a subquery of a HAVING clause. |
| <i>Action</i> | Correct the SQL statement.   |

---

|               |  |
|---------------|--|
| <b>-121</b>   | An INSERT or UPDATE statement referenced a column for update multiple times.                     |
| <i>Cause</i>  | An INSERT or UPDATE statement listed the same column name more than one time in its update list. |
| <i>Action</i> | Correct the SQL statement.   |

---

|               |   |
|---------------|---|
| <b>-122</b>   | SELECT statement with no GROUP BY clause contains a column name and a column function in the SELECT clause or a column name is contained in the select clause but not in the GROUP BY clause.   |
| <i>Cause</i>  | <p>The SELECT statement contains one of the following types of errors:</p> <ul style="list-style-type: none"> <li>■ The statement contains a column name and a column function in the SELECT clause, but no GROUP BY clause.</li> <li>■ A column name contained in the GROUP BY clause is a view column derived from a constant, an expression, or a function.</li> </ul> |
| <i>Action</i> | The statement cannot be executed. Refer to the <i>eXadas OS/390 Reference Guide</i> for more information about the use of GROUP BY clauses in SQL statements.   |

---

---

|               |  |
|---------------|--|
| <b>-125</b>   | An integer in the ORDER BY clause does not identify a column of the result.  |
| <i>Cause</i>  | The ORDER BY clause in the statement contains a column number that is either less than one, or greater than the number of columns of the result table (the number of items in the SELECT clause).<br>The statement cannot be executed. |
| <i>Action</i> | Correct the syntax of the ORDER BY clause such that each column identifier properly denotes a column of the result table.  |

---

|               |   |
|---------------|---|
| <b>-126</b>   | The SELECT statement contains both an ORDER BY clause and an UPDATE clause.   |
| <i>Cause</i>  | A SELECT statement contains both an ORDER BY clause and an UPDATE clause. The cursor declared for update cannot contain an ORDER BY clause. |
| <i>Action</i> | Correct the SQL statement.  |

---

|               |  |
|---------------|--|
| <b>-127</b>   | The DISTINCT qualifier was specified more than once in a subselect.              |
| <i>Cause</i>  | The DISTINCT qualifier can only be used once in a SELECT statement or subselect. |
| <i>Action</i> | Correct the SQL statement.   |

---

|               |  |
|---------------|--|
| <b>-129</b>   | Too many tables referenced in a single query.  |
| <i>Cause</i>  | The SQL statement contains more than 15 table references. The number of tables referenced in a single query must not exceed 15. Table references include all tables in subselects as well as any tables referenced implicitly through views. |
| <i>Action</i> | Correct the SQL statement.   |

---

---

|               |   |
|---------------|---|
| <b>-134</b>   | Improper use of LONG STRING COLUMN or a host variable of MAXIMUM LENGTH greater than 254.   |
| <i>Cause</i>  | <p>Such a column or host variable cannot appear in ORDER BY or GROUP BY clauses. UNION subqueries, subselects, or functions. SUBSTR is the only scalar function that can use long string values. LIKE and NOT LIKE are the only predicates that can use long string values.</p> <p>The statement cannot be executed. The column-name might not be returned in SQLCA, depending on the nature of the error and the syntax in which it occurred.</p> <p>The requested operation on a long string value is not supported by DB2.</p> |
| <i>Action</i> | Refer to the IBM DB2 SQL documentation for information about restrictions on the specification and manipulation of long string values.  |

---

|               |   |
|---------------|---|
| <b>-138</b>   | Invalid SUBSTRING argument.   |
| <i>Cause</i>  | <p>The second or third argument to the SUBSTR scalar function is invalid. Possibilities include:</p> <ul style="list-style-type: none"> <li>■ The argument is NULL.</li> <li>■ The second argument is less than 1 or greater than the maximum length of the first operand.</li> <li>■ The third argument is less than 1 or is greater than the maximum length of the first operand minus the second operand.</li> </ul> |
| <i>Action</i> | Correct the SQL statement.  |

---

|               |   |
|---------------|---|
| <b>-150</b>   | An INSERT, UPDATE, or DELETE statement was issued on a view.  |
| <i>Cause</i>  | <p>An INSERT, UPDATE, or DELETE statement referenced a view as the target table on which to issue the insert, update, or delete action. Updates on views are invalid.</p> |
| <i>Action</i> | Correct the SQL statement.  |

---

|               |   |
|---------------|---|
| <b>-151</b>   | An UPDATE was issued on a non-updateable column.  |
| <i>Cause</i>  | <p>An UPDATE statement referenced a column marked in the catalog as non-updateable.</p> |
| <i>Action</i> | Correct the SQL statement.  |

---

|               |   |
|---------------|---|
| <b>-153</b>   | A CREATE VIEW statement did not have a column name list.  |
| <i>Cause</i>  | A CREATE VIEW statement contained select list expressions which were unnamed. When a CREATE VIEW includes unnamed select list items, the normally optional column name list for the view is required so all items in the select list have a name. |
| <i>Action</i> | Correct the SQL statement. In this case, you can either provide names for all columns in the view or name the unnamed expressions in the select list with the AS specification.   |
| <b>-156</b>   | The target of a MAP INDEX statement is not a table.   |
| <i>Cause</i>  | A MAP INDEX statement references a catalog item that is not a table.  |
| <i>Action</i> | Correct the SQL statement.  |
| <b>-158</b>   | Invalid column list for view.   |
| <i>Cause</i>  | The number of named columns in a CREATE VIEW statement does not match the number of select items in the select statement for the view.  |
| <i>Action</i> | Correct the SQL statement.  |
| <b>-170</b>   | Invalid number of arguments.  |
| <i>Cause</i>  | The number of named columns in a create view statement does not match the number of select items in the select statement for the view.  |
| <i>Action</i> | Correct the SQL statement.  |
| <b>-171</b>   | Invalid function argument.  |
| <i>Cause</i>  | The data type, length, or value of a function argument is invalid.  |
| <i>Action</i> | Correct the SQL statement. If the cause of the error is not apparent by sight-checking the SQL, consult the Server log for more information.  |
| <b>-181</b>   | The string representation of a DATETIME value is not valid.   |
| <i>Cause</i>  | A String form of a DATE, TIME, or TIMESTAMP value could not be converted to an internal date or time format because it either contained invalid characters or was not in a recognized date, time, or timestamp format.                            |
| <i>Action</i> | Correct the SQL statement.  |

|               |  |
|---------------|--|
| <b>-182</b>   | An arithmetic expression with a DATETIME value is invalid.   |
| <i>Cause</i>  | Arithmetic expressions with datetime values or labeled durations are invalid.  |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-183</b>   | An arithmetic operation on a DATE or TIMESTAMP value produced a value that is out of the range of valid dates.   |
| <i>Cause</i>  | The calculation of a DATE or TIMESTAMP value resulted in a date that is outside the range of 0001-01-01 and 9999-12-31.  |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-185</b>   | LOCAL date and time format not supported.  |
| <i>Cause</i>  | The CHAR scalar function was specified for a date or time with the LOCAL formatting option. The LOCAL option is not supported.   |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-203</b>   | A reference to a column name is ambiguous.   |
| <i>Cause</i>  | An unqualified column name in the query is ambiguous. The named column exists in more than one table in the query and must be qualified with either a correlation name or a combination owner and table name to resolve the ambiguity. |
| <i>Action</i> | Correct the SQL statement. If the cause of the error is not apparent by sight-checking the SQL, consult the Server log for the column name in error.   |
| <b>-204</b>   | A table, view, or procedure name was not found.  |
| <i>Cause</i>  | A table, view, or procedure name passed in a SQL statement was not found in the system catalog.  |
| <i>Action</i> | Correct the SQL statement. If the cause of the error is not apparent by sight-checking the SQL, consult the Server log for the name in error.  |

|               |  |
|---------------|--|
| <b>-206</b>   | A column name was not found.   |
| <i>Cause</i>  | A column name in the SQL statement was not found in any of the tables or views included in the statement.  |
| <i>Action</i> | Correct the SQL statement. If the cause of the error is not apparent by sight-checking the SQL, consult the Server log for the column name in error.                         |
| <b>-208</b>   | An invalid column was included in the ORDER BY clause.   |
| <i>Cause</i>  | A column name in the ORDER BY clause is invalid because it was not included in the select list of the SELECT statement.  |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-300</b>   | Host variable not null terminated.   |
| <i>Cause</i>  | A host variable was received from the client with of descriptor of null terminated string, but the string was not null terminated or exceeded 254 characters in length.      |
| <i>Action</i> | Correct the application program.   |
| <b>-301</b>   | Invalid input host variable type.  |
| <i>Cause</i>  | A stored procedure CALL statement passed an IN or INOUT host variable whose data type is not compatible with the data type declared as a parameter in the procedure call.    |
| <i>Action</i> | Correct the application program.   |
| <b>-303</b>   | Invalid output host variable type.   |
| <i>Cause</i>  | A CALL or FETCH statement supplied a receiving host variable whose data type is incompatible with the stored procedure parameter declaration or result set column data type. |
| <i>Action</i> | Correct the application program.   |
| <b>-304</b>   | Data truncation error.   |
| <i>Cause</i>  | An attempt was made to convert a SQL data type into another SQL data type which would result in truncation of the data due to the size of the target data type.              |
| <i>Action</i> | Correct the SQL statement.   |

---

|               |  |
|---------------|--|
| <b>-305</b>   | No output indicator variable supplied.   |
| <i>Cause</i>  | An attempt was made to set the NULL indicator for an output host variable which did not include an indicator variable. |
| <i>Action</i> | Correct the application program.   |

---

|               |   |
|---------------|---|
| <b>-312</b>   | Unusable host variable.   |
| <i>Cause</i>  | A create view statement contains parameter markers or host variables. Parameter markers or host variables in a create view statement are not allowed. |
| <i>Action</i> | Correct the SQL statement.  |

---

|               |  |
|---------------|--|
| <b>-313</b>   | The number of host variables is incorrect.   |
| <i>Cause</i>  | The number of host variables passed in an OPEN or EXECUTE statement does not match the number of parameter markers defined in the statement. |
| <i>Action</i> | Correct the application program.   |

---

|               |   |
|---------------|---|
| <b>-338</b>   | The ON clause for a table join is invalid.  |
| <i>Cause</i>  | Each expression in the ON clause for a table join must reference a column from each table in the join and a comparison operator (<, <=, =, >, >=). If the JOIN is a FULL OUTER join, the comparison operator must be '≠'. FULL OUTER JOINS may also use the COALESCE or VALUE function providing the operands of the function contain a column from each table. Any ON clause expressions other than those stated above will result in a SQLCODE of -338. |
| <i>Action</i> | Correct the application program.  |

---

|               |  |
|---------------|--|
| <b>-401</b>   | The operands of an arithmetic or comparison operation are not comparable.  |
| <i>Cause</i>  | <p>An arithmetic operation appearing within the SQL statement has a mixture of numeric and non-numeric operands or the operands of a comparison operation are not compatible.</p> <p>An arithmetic or comparison operation is defined in the statement whose operands include non-comparable data types. Examples include:</p> <ul style="list-style-type: none"> <li>■ Comparison of numeric and character data types.</li> <li>■ Comparison of numeric and graphic data types.</li> <li>■ Comparison of date and non-date data types.</li> <li>■ Comparison of time and non-time data types.</li> </ul> <p>The statement cannot be executed.</p> |
| <i>Action</i> | <p>Check the data types of all operands to ensure that their data types are comparable and compatible with their usage in the statement. If all the operands of the SQL statement are correct and a view is being accessed, check the data types of all the operands in the view definition.</p>   |
| <b>-402</b>   | An expression in a select list contains operands that are not compatible.  |
| <i>Cause</i>  | <p>A select list expression contains an operation whose operands are not compatible. See the explanation of SQLCODE -401 for examples of non-compatible types.</p>   |
| <i>Action</i> | <p>Correct the SQL statement.</p>  |
| <b>-405</b>   | Numeric literal is out of range.   |
| <i>Cause</i>  | <p>A numeric literal has exceeded the maximum precision or exponent value allowed for a floating point number. All numeric literals are converted to either integer or floating point values. The maximum value may vary between operating systems, but generally it is 15 digits of precision.</p> <p>If the number of digits in the literal exceeds the precision of a floating point number or a floating point number contains an exponent that is out of the range, this code is issued.</p>  |
| <i>Action</i> | <p>Correct the numeric literal.</p>  |
| <b>-407</b>   | An UPDATE or INSERT value is NULL and the target column is defined as NOT NULL   |
| <i>Cause</i>  | <p>An attempt was made to INSERT or UPDATE a column declared as not nullable with the NULL value.</p>  |
| <i>Action</i> | <p>Correct the SQL statement.</p>  |

|               |  |
|---------------|--|
| <b>-408</b>   | An UPDATE or INSERT value is not compatible with the data type of the target column.   |
| <i>Cause</i>  | An attempt was made to INSERT or UPDATE a column with a value which is not compatible with the data type of the target column.   |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-412</b>   | The SELECT CLAUSE of a subquery specifies multiple columns.  |
| <i>Cause</i>  | A subselect used in a comparison operation specified more than one column. Subselects used for comparison operations must specify one and only one result column.  |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-415</b>   | The corresponding columns UNION do not have compatible data types.   |
| <i>Cause</i>  | The corresponding columns in each table of a UNION must have compatible data types based on the position of each column in the UNION select list. For example, the first item in each select list in a UNION must be compatible with the first item in every table in the UNION. |
| <i>Action</i> | Correct the SQL statement. If the incompatible column is not apparent by checking the SQL, consult the Server log for more information on the column which resulted in this error.   |
| <b>-416</b>   | An operand of a UNION contained a long SQL column.   |
| <i>Cause</i>  | One of the select items in a query contained a long SQL data type (LONG VARCHAR, LONG_VARGRAPHIC). Long SQL data types are not allowed in UNION queries.   |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-419</b>   | Invalid decimal divide operation.  |
| <i>Cause</i>  | A decimal divide operation is invalid because the algorithm used to determine the decimal result calculated a negative scale value.  |
| <i>Action</i> | Correct the SQL statement.   |

|               |   |
|---------------|---|
| <b>-420</b>   | Invalid decimal string.   |
| <i>Cause</i>  | A string representation of decimal data contained invalid characters and could not be converted to a decimal data type.   |
| <i>Action</i> | Correct the SQL statement.  |
| <b>-421</b>   | The operands of a UNION do not have the same number of result columns.  |
| <i>Cause</i>  | The number of result columns in a UNION select list did not match the number of result columns in one of the other UNION select lists. Each select list in a UNION must have exactly the same number of result columns.                   |
| <i>Action</i> | Correct the SQL statement.  |
| <b>-469</b>   | The stored procedure definition includes one or more OUTPUT parameters for which no host variable was passed.   |
| <i>Cause</i>  | The CALL statement did not include a host variable for one of the stored procedure OUTPUT or OUTIN parameters. Every output parameter in a stored procedure definition must have a host variable passed in its associated CALL statement. |
| <i>Action</i> | Correct the application program.  |
| <b>-501</b>   | The cursor identified in a FETCH or CLOSE statement is not open.  |
| <i>Cause</i>  | The application program attempted to either: <ul style="list-style-type: none"> <li>■ FETCH using a cursor, or</li> <li>■ CLOSE a cursor when the specified cursor was not open.</li> </ul>   |
| <i>Action</i> | Change the application program to ensure that the cursor is open when the FETCH or CLOSE statement is executed.   |
| <b>-502</b>   | The cursor identified in an OPEN statement is already open.   |
| <i>Cause</i>  | The application program attempted to execute an OPEN statement for a cursor that was already open.<br><br>The statement cannot be executed. The cursor was unchanged (not reopened).  |
| <i>Action</i> | Change the application program to ensure that it does not attempt to execute an OPEN statement for a cursor that is already open.   |

---

|               |   |
|---------------|---|
| <b>-504</b>   | The cursor name is not defined.   |
| <i>Cause</i>  | The cursor was not declared in the application program before it was referenced.<br>The statement cannot be executed.   |
| <i>Action</i> | Check the application program for completeness and for a possible spelling error in the cursor declaration. The declaration for a cursor must appear in an application program before statements that reference the cursor. For information about cursor-name, see the SQL log. |

---

|               |  |
|---------------|--|
| <b>-514</b>   | The cursor is not in a prepared state.   |
| <i>Cause</i>  | The application program has tried to use a cursor that is not in a prepared state. The cursor is associated with a statement that either has never been prepared or has been invalidated by a COMMIT or ROLLBACK.<br>The statement cannot be executed.   |
| <i>Action</i> | For the first case, ensure that you prepare the statement named in the DELCARE CURSOR statement for cursor-name before you try to open the cursor. For the second case, either do not issue COMMIT or ROLLBACK until after you are finished using the cursor, or prepare the statement again after the COMMIT or ROLLBACK. For information about cursor-name, see the SQL log. |

---

|               |   |
|---------------|---|
| <b>-516</b>   | The DESCRIBE statement does not identify a PREPARED statement.  |
| <i>Cause</i>  | An attempt was made to execute a DESCRIBE for a statement that had not been successfully prepared beforehand.<br>The statement cannot be executed.                                  |
| <i>Action</i> | Change the application program to ensure that a statement is properly prepared before a DESCRIBE of the statement is attempted. For information about cursor-name, see the SQL log. |

---

|               |   |
|---------------|---|
| <b>-517</b>   | Cursor cannot be used because its statement named in the declaration for the cursor was not a SELECT statement.   |
| <i>Cause</i>  | The cursor could not be used as specified because the prepared statement named in the declaration for the cursor was not a SELECT statement.<br>The statement cannot be executed.   |
| <i>Action</i> | Verify that the statement name is specified correctly in the PREPARE statement and the DECLARE CURSOR statement for cursor cursor-name. Alternately, correct the application program logic to ensure that only prepared SELECT statements are used in association with cursor declarations. For information about cursor-name, see the SQL log. |
| <b>-518</b>   | Statement was not prepared.   |
| <i>Cause</i>  | An attempt was made to EXECUTE a statement that was not previously prepared.  |
| <i>Action</i> | Correct the application program.  |
| <b>-519</b>   | The PREPARE statement identifies the SELECT statement of the opened cursor.   |
| <i>Cause</i>  | The application program has attempted to PREPARE the SELECT statement for the specified cursor at a time when that cursor was already open.<br>The statement cannot be executed. The cursor was not affected.   |
| <i>Action</i> | Correct the logic of the application program so that it does not attempt to PREPARE the SELECT statement for a cursor when that cursor is already open. For information about cursor-name, see the SQL log.   |
| <b>-530</b>   | Invalid Foreign Key, Insert positioning failed on multi-record mapped table.  |
| <i>Cause</i>  | An INSERT statement for a multi-record mapped table contains values for records in a database path other than the last mapped record in the table. The values specified are used to qualify the position of the new inserted record and a position could not be found using the values passed.  |
| <i>Action</i> | Review the values passed and verify that values for records other than the last record in the mapping can be used to position an insert in the database. Correct the SQL.   |

|               |   |
|---------------|---|
| <b>-551</b>   | The user does not have the privileges necessary to execute the SQL statement.   |
| <i>Cause</i>  | The privileges required to process the SQL statement are not granted to the user executing the statement. If the statement contains more than one table or view reference, the user must have the necessary privileges on all referenced tables and views.  |
| <i>Action</i> | Grant the appropriate privileges to the user if necessary. To determine which table or view doesn't have the necessary access rights, consult the Server log.   |
| <b>-601</b>   | The name of the object to be created is identical to the existing <i>name</i> of the object type <i>obj-type</i> .  |
| <i>Cause</i>  | The CREATE statement tried to create an object name of type <i>obj-type</i> when an object of that type with the same name has already been defined in the DB2 subsystem. If <i>obj-type</i> is <i>constraint</i> , the name was specified in the FOREIGN KEY clause of either a CREATE or ALTER TABLE statement. |
| <i>Action</i> | See the SQL log for information about <i>obj-type</i> .   |
| <b>-607</b>   | An INSERT, UPDATE, or DELETE statement was issued on a non-updateable table.  |
| <i>Cause</i>  | An INSERT, UPDATE, or DELETE statement was issued on a system catalog table.  |
| <i>Action</i> | Do not issue updates to system catalog tables.  |
| <b>-612</b>   | A duplicate column name was specified.  |
| <i>Cause</i>  | A CREATE VIEW statement included a duplicate column name.   |
| <i>Action</i> | Each select list in the select statement for a CREATE VIEW must have a unique column name.  |
| <b>-638</b>   | TABLE table-name cannot be created because column definition is missing.  |
| <i>Cause</i>  | The CREATE TABLE statement does not contain a column definition. The SQL statement cannot be executed.  |
| <i>Action</i> | Add a column definition to the statement.   |

---

|             |  |
|-------------|--|
| <b>-680</b> | Too many columns specified for a table.<br><br><i>Cause</i> The maximum number of columns permitted per table is 750. The statement cannot be executed.<br><br><i>Action</i> Do not attempt to CREATE or ALTER a table to contain more than 750 columns. Create separate tables as required to hold the additional information.  |
| <b>-681</b> | COLUMN in violation of installation defined field procedure RT: return-code, RS: reason-code, MSG: message-token.<br><br><i>Cause</i> An error occurred in encoding or decoding a column within a field procedure. Check for the following possible errors: <ul style="list-style-type: none"><li>■ Invalid value on encode or decode.</li><li>■ Invalid column data type.</li><li>■ Field procedure function error.</li></ul> The field procedure return code and error message is written to the server log.<br><br><i>Action</i> Check the server log for more information. |
| <b>-682</b> | Field procedure could not be loaded.<br><br><i>Cause</i> The field procedure module cannot be loaded. The statement cannot be executed.<br><br><i>Action</i> View the server log output for possible problem information. Ensure that the named field procedure is in the STEPLIB DD concatenation or LIBDEF PHASE search chain for the eXadas server.   |

---

---

**-802** Data exception error.

*Cause* The processing of a SQL arithmetic function or arithmetic expression that was either in the SELECT list of a SQL select statement, in the search condition of a SELECT, UPDATE, or DELETE statement during the evaluation of a column function, or in the SET clause of the UPDATE statement has encountered an exception error. Possible reasons are FIXED POINT OVERFLOW, DECIMAL OVERFLOW, DIVIDE EXCEPTION, or EXPONENT OVERFLOW. The possible operations include ADDITION, SUBTRACTION, MULTIPLICATION, DIVISION, and NEGATION.

A fixed-point overflow can occur during any arithmetic operation on either INTEGER or SMALLINT fields.

A decimal overflow exception can occur when one or more non-zero digits are lost because the destination field in any decimal operation is too short to contain the result.

A divide exception can occur on a division operation on any numeric field type (DECIMAL, FLOAT, SMALLINT, or INTEGER) by zero, or on a decimal division operation when the quotient exceeds the specified data-field size.

An exponent overflow can occur when the result characteristic of any floating point operation exceeds 127 and the result fraction is not zero. The statement cannot be executed. In the case of an INSERT or UPDATE statement, no data is updated or deleted. If the statement was a cursor controlled FETCH then the cursor will remain open. If the cursor was controlled OPEN then the cursor will remain closed.

*Action* Examine the SQL statement to see if the cause (or the likely cause) of the problem can be determined. The problem may be data-dependent, in which case it will be necessary to examine the data that was being processed at the time the error occurred. See the Server log for information about data types.

---

**-803** Cannot INSERT or UPDATE duplicate values in an index column.

*Cause* An INSERT or UPDATE cannot be completed due to duplicate values in an index column.

*Action* Verify the unique column table constraint definition, and make sure that duplicate values will not occur.

---

|               |  |
|---------------|--|
| <b>-804</b>   | An error was found in the input SQLDA.   |
| <i>Cause</i>  | An error occurred in processing the input SQLDA in a request from the application program.   |
| <i>Action</i> | Contact DataDirect Technologies technical support.   |
| <b>-811</b>   | The results of a subselect produced more than one row.   |
| <i>Cause</i>  | An imbedded subselect produced a result set which contained more than one row of data. The subselect as written is restricted to a single row of data.   |
| <i>Action</i> | Correct the SQL statement.   |
| <b>-817</b>   | Update prohibited (2 Phase commit situation OR Catalog update statement (DDL) issued while a Data Savant transaction was incomplete).  |
| <i>Cause</i>  | <p>A prohibited update statement was issued while a transaction was in progress for a Data Savant. The update is prohibited for one of the following reasons:</p> <ul style="list-style-type: none"> <li>■ The update is for a different Data Savant and 2-phase commit is not supported.</li> <li>■ The update requires a new database thread to the underlying database and 2-phase commit is not supported.</li> <li>■ A stored procedure call was issued, which is an implied auto-commit.</li> <li>■ A DDL statement or GRANT or REVOKE was issued, which is an implied auto-commit.</li> </ul> |
| <i>Action</i> | Remove the statement in error or COMMIT the transaction prior to issuing the update statement in error. Refer to the <i>eXadas OS/390 Reference Guide</i> for more information.  |
| <b>-870</b>   | The number of host variables is incorrect.   |
| <i>Cause</i>  | A stored procedure CALL statement passed an incorrect number of host variables.  |
| <i>Action</i> | Correct the application program.   |

---

|               |   |
|---------------|---|
| <b>-904</b>   | Unsuccessful execution caused by an unavailable resource.   |
| <i>Cause</i>  | The SQL statement could not be executed. See the Server log for more information.   |
| <i>Action</i> | Verify the identity of the resource that was not available. The reason the resource was unavailable can be determined by checking the specified reason code. Refer to the IBM DB2 documentation for additional information. |

---

|               |   |
|---------------|---|
| <b>-905</b>   | Unsuccessful execution due to resource limit being exceeded.  |
| <i>Cause</i>  | <p>The execution of the SQL statement was terminated because a resource limit was exceeded. The name of the resource whose limit was exceeded is the resource name. It is also the name of the column in the resource limit specification table from which the limit was derived. The limit that was exceeded in CPU seconds is limit-amount1 and in service units it is limit-amount2. The source-name may be ASUTIME, which is the number of CPU seconds permitted for each SQL statement. The maximum number of CPU seconds permitted is limit-amount1. The maximum number of service units is limit-amount-2.</p> <p>The source used to derive the limit-amount is limit-source and is either the name of a resource limit specification table or a system parameter. If the source is a system parameter, the resource limit specification table did not contain an applicable entry or an error occurred while accessing the table. In either case, the limit is obtained from an install (system parameter).</p> <p>The execution of this SQL statement is terminated. A record containing more detailed information about this failure is generated. If a SQL cursor is associated with the failed instruction, its position is unchanged and a CLOSE or PREPARE command may be issued. If any other operation is attempted with the cursor, it cannot be executed and a -905 error code is returned. If there is no cursor, this statement has been rolled back.</p> |
| <i>Action</i> | <p>Determine why this SQL statement took so long and take appropriate action. Consider simplifying the SQL statement, restructuring tables and indexes, or contacting the installation group responsible for maintaining the resource limit specification tables.</p> <p>An application program that receives this return code can execute additional SQL statements.</p>   |

---

---

|               |   |
|---------------|---|
| <b>-922</b>   | Connection authorization failure.   |
| <i>Cause</i>  | Connection authorization failed because of an error. Possibilities include: <ul style="list-style-type: none"><li>■ User validation,</li><li>■ Resource access, or</li><li>■ Installation error.</li></ul> The statement cannot be executed. The connection is not established. |
| <i>Action</i> | Contact your system administrator. The cause of the failure should appear in the system log.  |

---

# Part 3: OS/390 Log Messages and Reference

This part contains the following chapters:

- [Chapter 7 “Overview of OS/390 Log Messages” on page 221](#)  
describes how OS/390 log messages are organized and formatted.
- [Chapter 8 “OS/390 Messages and Descriptions” on page 223](#)  
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 289](#)  
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
- Severity ratings
- Message descriptions

---

## Message Categories

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 into the following message categories:

- Operator Interface messages
- SMF Interface messages
- DB2 Application Interface messages
- Multiplatform messages
- Server controller messages
- ThreadPool Interface messages
- Resource Manager messages

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
- Trace
- Warning
- 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 VAILOGP or secondary VAILOGS Service debug log files.

NOTE: The first message of the service debug log file contains the version of the Sequelink Server you are running.

---

### Operator Interface Messages

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

- VAIC033I** Occurs when trying to execute LOGR PRINT.
- Severity: Information
- Explanation: If the VAILOGP is sent to SYSOUT, it cannot be printed with SequeLink commands.
- System action: The VAILOGP is not printed.
- User response: Use the JES commands to print VAILOGP.
- 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 DataDirect Technologies 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.

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. 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. 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. 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. 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. 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. 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. 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. 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. 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. 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 DataDirect Technologies technical support.

**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 DataDirect Technologies 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. 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 DataDirect Technologies 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.

**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 DataDirect Technologies 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 DataDirect Technologies 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 DataDirect Technologies 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 DataDirect Technologies 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, *yyyyy* attachment.
- Severity: Information
- Explanation: Initialization to DB2 subsystem completed using either CAF or RRSF attachment.
- 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 DataDirect Technologies 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.

User response: Correct or supply missing attribute in the DataModel and restart the server.

**VAID010E** Abnormal termination detected in DB2 (*ifid*) thread manager- DB2ASP terminating.

Severity: Error

Explanation: The DB2ASP thread manager (VAICDB2T) of DB2 interface ifid abnormally terminated.

System action: DB2ASP terminates with RC=08.

User response: Contact DataDirect Technologies technical support.

**VAID011E** Setup ContextCleanup Problem - *ttttttttttttt*.

Severity: Error

Explanation: Setup for automatic cleanup of RRS context(s) failed for reason *ttttttttttttt*, where *ttttttttttttt* is either 'invalid EntryPoint VAICRRSM or 'SET\_TIM routine failed'.

System action: Initialization continues; no ContextCleanup will be done.

User response: Contact DataDirect Technologies technical support.

**VAID012E** 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.

|                 |  |
|-----------------|--|
| <b>VAID014E</b> | <i>Tttttttt</i> - Error detected in VAICDB2I - <error description>   |
| Severity:       | Error  |
| Explanation:    | This message is an internal error. <error description> shows one of the errors: <ul style="list-style-type: none"> <li>■ "No valid TACBUID2"</li> <li>■ "No DB2Plan passed"</li> <li>■ "No DBWA for Service"</li> <li>■ "Wrong DB2attachment"</li> <li>■ "DB2 not active"</li> </ul> |
| System action:  | None.  |
| User response:  | If "DB2 not active", start DB2. For all other cases, this is an internal error. Contact DataDirect Technologies technical support.   |
| <b>VAID015E</b> | Loadmodule VAICRRSM could not be loaded.   |
| Severity:       | Error  |
| Explanation:    | The Loadmodule fetch failed.   |
| System action:  | Initialization continues; no ContextCleanup will be done.  |
| User response:  | Check that loadmodule VAICRRSM is installed in steplib.  |
| <b>VAID020T</b> | <i>Tttttttt</i> - DB2SQL - ssssssssssssssssssss to be executed   |
| Severity:       | Trace  |
| Explanation:    | This messages shows which DB2 StatementType is about to be passed to DB2.  |
| System action:  | None.  |
| User response:  | None.  |
| <b>VAID021E</b> | <i>Tttttttt</i> - Abend in DB2 while an ssssssssssssssssss StatementType is executing.   |
| Severity:       | Error  |
| Explanation:    | Sequelink Server trapped an abend in DB2. This error shows the DB2 StatementType active in DB2 when this event happened onThrdid <i>Tttttttt</i> .   |
| System action:  | None.  |
| User response:  | See the Reason and AbendCode in the VAID046E message for more information.   |

**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 is 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.

|                 |   |
|-----------------|---|
| <b>VAID029I</b> | 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.   |
| <b>VAID030I</b> | 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.   |
| <b>VAID031I</b> | ID ( <i>ifid</i> ) is an unknown DB2 interface.   |
| Severity:       | Information   |
| Explanation:    | DB2 interface ID " <i>ifid</i> " is not known.  |
| System action:  | The DB2 command is ignored.   |
| User response:  | Correct " <i>ifid</i> " and reissue the command.  |
| <b>VAID032I</b> | Db2 interface ( <i>ifid</i> ) is currently busy.  |
| Severity:       | Information   |
| Explanation:    | DB2 interface " <i>ifid</i> " is temporarily unable to process the requested DB2ASP command.                              |
| System action:  | The DB2ASP command is ignored.  |
| User response:  | Reissue the command.  |
| <b>VAID033E</b> | 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:                RRSAF 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 - *tttttttttttttttttttttttttttttttt*

Severity:                      Error

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

System action:              The command is ignored.

User response:              Correct the command.

**VAID043T**      *Tttttttt - Corrid(cccccc) Prim.Auth(authid) User(uuuuuuu) ACEE(aaaaaaaa) ActTk(tttttt).*

Severity:                      Trace

Explanation:                Auth\_Signon RRSAF 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 (UOW) 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.
- VAID047T** Tracing Information - not documented.  
Severity: Trace  
Explanation: Internal use.  
System action: None.  
User response: None.
- VAID048T** Tracing Information - not documented.  
Severity: Trace  
Explanation: Internal use.  
System action: None.  
User response: None.

- VAID050E**    *Tttttttt* - RRS(callname) ReturnCode(*rrrrrrrr*).
- Severity:                      Error
- Explanation:                The given RRS-call failed for reason *rrrrrrrr*.
- System action:              User logon or thread association will fail.
- User response:              Refer to the Resource Recovery information in your MVS programming documentation for the explanation and action.
- 
- VAID051E**    *Tttttttt* - RRSAF(callname) ReturnCode(*rrrrrrrr*) ReasonCode(*rrrrrrrr*).
- Severity:                      Error
- Explanation:                The given RRSAF-call failed.
- System action:              User logon or Thread association failed.
- User response:              Refer to the reason code in your DB2 documentation for the recommended user response.
- 
- VAID052E**    *Tttttttt* - CAF(callname) ReturnCode(*rrrrrrrr*) ReasonCode(*rrrrrrrr*).
- Severity:                      Error
- Explanation:                The given CAF-call failed.
- System action:              User logon will fail.
- User response:              Refer to the reason code in your DB2 documentation for the recommended user response.
- 
- VAID053T**    *Tttttttt* - CTXBEGC Contxt(*context*) RmToken(*rmtoken*).
- Severity:                      Trace
- Explanation:                Arguments passed to the RRS Begin\_Context service.
- System action:              None.
- User response:              None.
- 
- VAID054T**    *Tttttttt* - CTXSWCH Contxt(*context*) DisAssocContxt(*context*).
- Severity:                      Trace
- Explanation:                Arguments passed to the Switch\_Context RRS service.
- System action:              None.
- User response:              None.

- VAID055T** *Tttttttt* - CTXEND Contxt(*context*) ComplType(*type*).  
 Severity: Trace  
 Explanation: Arguments passed to the End\_Context RRS service.  
 System action: None.  
 User response: None.
- VAID056T** *Tttttttt* - Dispatched on WorkerThread(TWORK*nnn*)  
 Severity: Trace  
 Explanation: Connection *Tttttttt* was dispatched on worker thread *nnn* of the threadpool.  
 System action: None.  
 User response: None.
- VAID057T** *Tttttttt* - Leaving WorkerThread(TWORK*nnn*).  
 Severity: Trace  
 Explanation: Connection *Tttttttt* is leaving worker thread *nnn* of the threadpool.  
 System action: None.  
 User response: None.
- VAID060I** *ThreadId RRSaf State Age*.  
 Severity: Information  
 Explanation: This is the Header message resulting from the 'RRS LIST' operator command.  
 System action: None.  
 User response: None.
- VAID061I** *ThreadId RRSaf State Age*.  
 Severity: Information

|          |  |
|----------|--|
|          | <p>Explanation: This is the Detail message resulting from the 'RRS LIST ' operator command where:</p> <p><i>ThreadId</i>: Identifies the thread.</p> <p><i>RRSAF State</i>: The RRSAF State of the DB2 thread is one of the following:</p> <ul style="list-style-type: none"><li>■ REUSABLE: DB2 thread can be reused or released.</li><li>■ FLAGFORREUSE: DB2 thread is flagged for reuse.</li><li>■ INUSE: DB2 thread is in use.</li></ul> <p><i>Age</i>: Indicates how many seconds this DB2 thread is in REUSABLE state.</p> |
|          | <p>System action: None.</p> <p>User response: None.</p>  |
| VAID062I | <p>Total <i>nnn</i> DB2Thread(s), peak <i>mmm</i> DB2Threads used.</p> <p>Severity: Information</p> <p>Explanation: This is the response to the RRS LIST command.</p> <p>System action: None.</p> <p>User response: None.</p>  |
| VAID063I | <p><i>nnn</i> DB2Thread(s) released.</p> <p>Severity: Information</p> <p>Explanation: This is the response from the RRS RELEASE operator command.</p> <p>System action: <i>nnn</i> number of DB2 thread(s) were released.</p> <p>User response: None.</p>  |
| VAID064I | <p><i>Tttttttt</i> - Logon request from <i>aaa.aaa.aaa.aaa</i> for userid <i>uuuuuuuuu</i>.</p> <p>Severity: Information</p> <p>Explanation: <i>aaa.aaa.aaa.aaa</i> is the client IP address and <i>uuuuuuuuu</i> is the userid validated by the SAF OS/390 security system.</p> <p>System action: <i>uuuuuuuuu</i> will be used as Primary Authid for DB2.</p> <p>User response: None.</p>  |
| VAID065I | <p><i>Tttttttt</i> - Logon request from <i>aaa.aaa.aaa.aaa</i> for userid <i>uuuuuuuuu</i> mapped to <i>mapped_user</i>.</p> <p>Severity: Information</p>  |

Explanation: *aaa.aaa.aaa.aaa* client IP address, *uuuuuuuuu* is the userid validated by the SAF OS/390 security system.

System action: *mapped\_user* will be used as Primary Authid for DB2.

User response: None.

**VAID066I** *Tttttttt* - Anonymous logon request from *aaa.aaa.aaa.aaa* mapped to *mapped\_user*.

Severity: Information

Explanation: *aaa.aaa.aaa.aaa* is a client IP address.

System action: *mapped\_user* will be used as the Primary Authid for DB2.

User response: None.

**VAID067I** *Tttttttt* - Logged off.

Severity: Information

Explanation: The connection is logged off from DB2.

System action: DB2 resources are committed.

User response: None.

**VAID068W** *Tttttttt* - Logged off abnormally.

Severity: Warning

Explanation: The connection is logged off abnormally from DB2.

System action: DB2 resources are Rolled back.

User response: None.

**VAID069W** ServiceDB2MaxThreads(*nnn*) lower then ServiceMaxThreads(*mmm*).

Severity: Warning

Explanation: Configuration conflict.

System action: The value of ServiceMaxThreads will be used to limit the maximum number of DB2 threads allowed.

User response: Increase the value of the dynamic ServiceDB2MaxThreads parameter. Verify that the new value is lower than the MAX BATCH CONNECT parameter in the Thread management panel (DSNTIPE) of the DB2 installation, and greater than ServiceMaxThreads in Sequelink Configuration file.

|                 |  |
|-----------------|--|
| <b>VAID070W</b> | <i>Tttttttt</i> - Maximum of allowed DB2Threads( <i>nnnn</i> ) reached.  |
| Severity:       | Warning  |
| Explanation:    | The connection will not obtain a DB2 thread.   |
| System action:  | Either the Logon fails or the client connection is unable to use DB2 (sqlcode =-981).  |
| User response:  | Increase the value of the dynamic ServiceDB2MaxThreads parameter, and verify that this value is lower than the MAX BATCH CONNECT parameter in the Thread management panel (DSNTIPE) of the DB2 installation. |
| <b>VAID072T</b> | VAICDB2R - IFI command <i>cccccccccccccccc</i> IFCARC1( <i>rc1</i> ) IFCARC2( <i>rc2</i> ).  |
| Severity:       | Trace  |
| Explanation:    | When canceling a DB2Thread, IFI command <i>cccccccccccc</i> issued with corresponding returncodes is displayed.  |
| System action:  | None.  |
| User response:  | None.  |
| <b>VAID073I</b> | VAICDB2R - ThrdId( <i>ttttttt</i> ) found in output DISPLAY THREAD command, token( <i>nnnn</i> ) extracted.  |
| Severity:       | Information  |
| Explanation:    | The DB2 token <i>nnnn</i> , which is extracted with the DISPLAY THREAD command for the Connection <i>ttttttt</i> active on DB2Thread that will be canceled, is displayed.                                    |
| System action:  | None.  |
| User response:  | None.  |
| <b>VAID074E</b> | VAICDB2R - ThrdId( <i>ttttttt</i> ) not found in output DISPLAY THREAD command.  |
| Severity:       | Error  |
| Explanation:    | ThrdId <i>ttttttt</i> was not found in the output DISPLAY THREAD command.  |
| System action:  | None.  |
| User response:  | None.  |
| <b>VAID075E</b> | VAICDB2R - ThrdId( <i>ttttttt</i> ) found in output DISPLAY THREAD command, But ThrdId is not active.  |
| Severity:       | Error  |

Explanation: ThrdId *ttttttt* found in output DISPLAY THREAD command, but is not active in DB2.

System action: None.

User response: None.

**VAID076I** VAICDB2R - Canceling DB2Thread with Token(nnnn) for ThreadId(ttttttt).

Severity: Information

Explanation: The DB2Thread with token *nnnn* on which ThreadId *ttttttt* is active in DB2, is canceled when requested by a KILL command or during Shutdown with Type=immed.

System action: Either the Logon fails or the client connection is unable to use DB2 (sqlcode =-981).

User response: Sequelink, when requested by a KILL command or during shutdown, terminates the connection and cancels the DB2Thread only if the connections is still active in DB2.

**VAID077E** VAICDB2R - Cancel THRDID - invalid format specified.

Severity: Error

Explanation: Internal error when trying to Cancel a DB2Thread.

System action: None.

User response: Contact DataDirect Technologies technical support.

**VAID100E** VAICRRSM abend *aaaa*.

Severity: Error

Explanation: Program VAICRRSM is returned with abend *aaaa*.

System action: Either the RRS command or the automatic ContextCleanup failed.

User response: Contact DataDirect Technologies 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.

# Multiplatform 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.

|                 |   |
|-----------------|---|
| <b>VAIL021E</b> | <code>Tnnnnnnn—ServiceName@Hostname&gt;,ErrorCode=&lt;xxxx&gt;,ErrorMessage=&lt;tttttttt&gt;.</code><br>Severity: Error<br>Explanation: This is a generic message that is used for different purposes.  |
| <b>VAIL022W</b> | <code>Tnnnnnnn—ServiceName@Hostname&gt;,ErrorCode=&lt;xxxx&gt;,ErrorMessage=&lt;tttttttt&gt;.</code><br>Severity: Warning<br>Explanation: The explanation depends on the exact nature of the failure.<br>System action: The system action depends on the exact nature of the failure.<br>User response: The user response depends on the exact nature of the failure.     |
| <b>VAIL023I</b> | <code>Tnnnnnnn—ServiceName@Hostname&gt;,ErrorCode=&lt;xxxx&gt;,ErrorMessage=&lt;tttttttt&gt;.</code><br>Severity: Information<br>Explanation: The explanation depends on the exact nature of the failure.<br>System action: The system action depends on the exact nature of the failure.<br>User response: The user response depends on the exact nature of the failure. |

|                 |  |
|-----------------|--|
| <b>VAIL024T</b> | Tnnnnnnn— <i>ServiceName@Hostname</i> >, ErrorCode=<xxxx>, ErrorMessage=<tttttttt>.  |
| 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.  |
| <b>VAIL109T</b> | Thrdid( <i>ttttttt</i> ) 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.  |
| <b>VAIL112E</b> | Thrdid(_____) SAPI control returned from Application with rc(____).  |
| Severity:       | Error  |
| Explanation:    | The ServiceApplication returned from MAIN with a nonzero return code.  |
| System action:  | If rc= 8, the Thread Control Block (TCB) will be abended to force DB2 to roll back the Unit of Work (UOW). This message is followed by VAIL113E. If any other return code is reported, the return code is ignored. |
| User response:  | None.  |
| <b>VAIL113E</b> | Thrdid(_____) Application requested an Abend.  |
| Severity:       | Error  |
| Explanation:    | The ServiceApplication returned from MAIN with rc(8).  |
| System action:  | This message follows a VAIL112E message. The Thread Control Block will be abended to force DB2 to roll back the Unit of Work.  |
| 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 DataDirect Technologies 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 DataDirect Technologies 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 DataDirect Technologies technical support.

|                 |   |
|-----------------|---|
| <b>VAIS005I</b> | DB2 task started, DB2ifid( <i>dddd</i> ).   |
|                 | Severity: Information   |
|                 | Explanation: DB2 root task started to support DB2 service for DB2ifid <i>dddd</i> . |
|                 | System action: None.  |
|                 | User response: None.  |
| <b>VAIS006E</b> | DB2InterfacelD has an invalid length.   |
|                 | Severity: Error   |
|                 | Explanation: The maximum length of DB2InterfacelD is 4 characters.                  |
|                 | System action: DB2 root task not started.   |
|                 | User response: Correct DB2InterfacelD.  |
| <b>VAIS007E</b> | Problem building TACB for DB2ifid= <i>xxxx</i> .                                    |
|                 | Severity: Error   |
|                 | Explanation: DB2 TACB could not be created.   |
|                 | System action: DB2 root task not started.   |
|                 | User response: Contact DataDirect Technologies technical support.                   |
| <b>VAIS008I</b> | XTCP task started.  |
|                 | Severity: Information   |
|                 | Explanation: Extended TCP/IP listener task started.                                 |
|                 | System action: None.  |
|                 | User response: None.  |
| <b>VAIS009F</b> | Problem building XTCP TACB.   |
|                 | Severity: Fatal   |
|                 | Explanation: XTCP TACB could not be created.  |
|                 | System action: The server abends with code 101.                                     |
|                 | User response: Contact DataDirect Technologies 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 DataDirect Technologies 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 DataDirect Technologies 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 DataDirect Technologies 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, SMFrecdtype(*nnn*).
- Severity: Information
- Explanation: SMFrecording is activated.
- System action: SMFrecdtype *nnn* will be written to SMF.
- User response: None.

|                 |   |
|-----------------|---|
| <b>VAIS015I</b> | SMFrecording active, <i>tttttttttttttttttttt</i> .  |
| Severity:       | Information   |
| Explanation:    | SMFrecording is not activated. Either you requested <i>tttttttttt==</i> 'No SMFrecordType specified' or you specified an invalid number, <i>ttttttttt='SMFrecordType</i> 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.   |
| <b>VAIS016E</b> | Error opening SYSCMDS file.   |
| Severity:       | Error   |
| Explanation:    | An error occurred while opening SYSCMDS file.   |
| System action:  | The Server continues initialization.  |
| User response:  | Make sure the Server Userid is authorized to open SYSCMDS file. If problems persist, contact DataDirect Technologies technical support.   |
| <b>VAIS017I</b> | Processing commands from SYSCMDS file.  |
| Severity:       | Information   |
| Explanation:    | The SYSCMDS file has been opened.   |
| System action:  | The Server continues initialization.  |
| User response:  | All commands in SYSCMDS will be processed.  |
| <b>VAIS018I</b> | SosLimit above xxxxx K, below yyy K.  |
| Severity:       | Information   |
| Explanation:    | The MVSGlobalSosLimit attribute has reserved xxxxx KB of free storage above the 16 MB line. New connections will be refused when free storage drops below this limit.<br><br>In addition, yyy KB of free storage has been reserved below the 16 MB line, but this limit is fixed. |
| System action:  | None.   |
| User response:  | None.   |

|                 |   |
|-----------------|---|
| <b>VAIS021I</b> | Running on _____ - _____.   |
| Severity:       | Information   |
| Explanation:    | The Operating System and Release on which the application is running are displayed. |
| System action:  | None.   |
| User response:  | None.   |
| <b>VAIS022I</b> | CPUid(____) - CPUSerialNr _____ .   |
| Severity:       | Information   |
| Explanation:    | The CPU id and CPU Serial number for all CPUs are displayed.                        |
| System action:  | None.   |
| User response:  | None.   |
| <b>VAIS023E</b> | 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.   |
| <b>VAIS031I</b> | Normal end of JOB.  |
| Severity:       | Information   |
| Explanation:    | Server main task has terminated normally.   |
| System action:  | Not applicable.   |
| User response:  | None.   |
| <b>VAIS041I</b> | Control CNTL Q message received.  |
| Severity:       | Information   |
| Explanation:    | A control queue message was received by VAISMAIN.                                   |
| System action:  | Not applicable.   |
| User response:  | None.   |
| <b>VAIS051F</b> | SIL configuration error.  |
| Severity:       | Fatal   |

|                 |  |   |
|-----------------|--|---|
|                 | Explanation:   | Internal error.   |
|                 | System action:   | The server abends.  |
|                 | User response:   | Contact DataDirect Technologies technical support.  |
| <b>VAIS077E</b> | 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 DataDirect Technologies technical support.   |
| <b>VAIS079E</b> | 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 DataDirect Technologies technical support.                            |
| <b>VAIS084E</b> | 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 DataDirect Technologies technical support.   |
| <b>VAIS085I</b> | <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** Shutdown type(*tttttttt*) initiated.

Severity: Information

Explanation: The Server acknowledges shutdown where the type is either 'Immediate' or 'Normal'.

System action: System shutdown is initiated. If the shutdown is 'Normal', no new connections are allowed to start. The Server will wait until all existing connections ended normally before continuing Shutdown.

If the shutdown is 'Immediate', no new connections are allowed to start. Existing connections will be terminated in a consistent manner.

User response: Once you start a 'Normal' shutdown, you can overwrite it with an 'Immediate' shutdown.

**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.  |
| <b>VAIS091F</b> | 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 DataDirect Technologies technical support.  |
| <b>VAIS095E</b> | 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: <ul style="list-style-type: none"> <li>■ a keyword was not supplied.</li> <li>■ the keyword supplied was incorrect.</li> </ul> |
|                 | 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 <i>SequeLink Administrator's Guide</i> for details on the CNTL ALTER command.                  |
| <b>VAIS100W</b> | CellPool with CellSize(____) could not be expanded for Secondary Pages(____). |  |
|                 | Severity:   | Warning  |
|                 | Explanation:  | CellPool could not be expanded, probably due to a shortage of Virtual storage.   |
|                 | System action:  | None.  |
|                 | User response:  | Start up the Server with greater RegionSize, or contact DataDirect Technologies technical support.   |
| <b>VAIS101E</b> | Function(_____) failed Rc x"__" in Thread(tttttttt), abend U079 will result.  |  |
|                 | Severity:   | Error  |
|                 | Explanation:  | An internal error occurred due to a failure of the CellPool MemoryMgr function.  |

|                 |  |   |
|-----------------|--|---|
|                 | System action:   | Abend Thread <i>ttttttt</i> with U079.  |
|                 | User response:   | Contact DataDirect Technologies technical support.  |
| <b>VAIS103I</b> | Tttttttt - classified to WLMServiceClass(ccccccc)                        |   |
|                 | Severity:  | Information   |
|                 | Explanation:   | Threadid has been classified to WLMServiceClass(ccccccc)  |
|                 | System action:   | WLM will use workload appropriate to this ServiceClass when scheduling enclaves for this Thread.  |
|                 | User response:   | None.   |
| <b>VAIS110E</b> | Tttttttt - IWMExxxx - WLM Returncode(returncode) Reasoncode (reasoncode) |   |
|                 | Severity:  | Error   |
|                 | Explanation:   | The WLM macro IWMExxxx returned a non-zero returncode or reasoncode, where IWMExxxx can be IWMECREA, IWMELEAV, IWMEJOIN, IWCLSFY, or IWMEDEL. |
|                 | System action:   | Continue without enclave support for this thread.   |
|                 | User response:   | Check why this macro call failed. Contact DataDirect Technologies support center.   |
| <b>VAIS111T</b> | Tttttttt - IWMExxxx - WLMEnclaveToken(nnnnnnnn)                          |   |
|                 | Severity:  | Trace   |
|                 | Explanation:   | Trace WLM macro IWMExxxx calls, show EnclaveToken where IWMExxxx can be IWMECREA, IWMELEAV, IWMEJOIN, IWCLSFY, or IWMEDEL.                    |
|                 | System action:   | None.   |
|                 | User response:   | None.   |
| <b>VAIS151F</b> | 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 DataDirect Technologies technical support.   |

|                 |  |
|-----------------|--|
| <b>VAIS152F</b> | 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 DataDirect Technologies technical support.                            |
| <b>VAIS153F</b> | 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.  |
| User response:  | Report this error to DataDirect Technologies technical support.                            |
| <b>VAIS154F</b> | SIL DSASIZE error.   |
| Severity:       | Fatal  |
| Explanation:    | Invalid DSASIZE 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 DataDirect Technologies technical support.                            |
| <b>VAIS155F</b> | SIL AFLGS error.   |
| Severity:       | Fatal  |
| 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 DataDirect Technologies technical support.                            |
| <b>VAIS156F</b> | SIL DPMOD error.   |
| Severity:       | Fatal  |
| Explanation:    | There is an invalid DPMOD 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 DataDirect Technologies technical support.   |
| <b>VAIS157F</b> | VAIT build error.  |   |
|                 | 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 DataDirect Technologies technical support.   |
| <b>VAIS158F</b> | 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 DataDirect Technologies technical support.   |
| <b>VAIS159W</b> | 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.  |
| <b>VAIS160F</b> | 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 DataDirect Technologies technical support for assistance.        |
| <b>VAIS161E</b> | 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 xxxxxx 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 xxxxxx 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 xxxxxx 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 xxxxxx in the SequeLink configuration file.

|                 |  |
|-----------------|--|
| <b>VAIS165I</b> | 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.  |
| <b>VAIS171E</b> | 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 DataDirect Technologies technical support.   |
| <b>VAIS172E</b> | 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.  |
| <b>VAIS173E</b> | 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 DataDirect Technologies 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 DataDirect Technologies 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 VAILOG 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 *MAXIMUMSESSIONS* value in the application service definition.
- Refer to the *SequeLink Administrator's Guide* for details regarding CNTL ALTER. Contact DataDirect Technologies technical support for details of the SIL definitions required for an application service.

|                 |   |
|-----------------|---|
| <b>VAIS176E</b> | SIL section LOADTBL2 omitted.   |
| Severity:       | Error   |
| Explanation:    | Internal error.   |
| System action:  | Server initialization continues.  |
| User response:  | Contact DataDirect Technologies technical support.  |
| <b>VAIS177E</b> | NAME key omitted in LOADTBL2.   |
| Severity:       | Error   |
| Explanation:    | Internal error.   |
| System action:  | Server initialization continues.  |
| User response:  | Contact DataDirect Technologies technical support.  |
| <b>VAIS178E</b> | Syntax error in LOADTBL2/NAME.  |
| Severity:       | Error   |
| Explanation:    | Internal error.   |
| System action:  | Server initialization continues.  |
| User response:  | Contact DataDirect Technologies technical support.  |
| <b>VAIS179I</b> | xxxxxxx normal end - Thrdid(yyyyyyy).   |
| 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.  |
| <b>VAIS180I</b> | xxxxxxx abnormal end - cc(zzzz)- Thrdid(yyyyyyy).   |
| Severity:       | Information   |
| Explanation:    | Task ended abnormally. Either the task was deliberately aborted for Timeout or maxCPU reasons or by Operator commands, or otherwise suffered an abend.<br>zzzz = OS/390 CompletionCode - Abendcode. |

System action: None.

User response: None if task was deliberately aborted. Otherwise, contact DataDirect Technologies technical support.

**VAIS181I** Service: service name.

Severity: Information

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.)

System action: Not applicable.

User response: None.

**VAIS182I** Application name = application name STATUS = xx DEBUG = flag.

Severity: Information

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).

System action: Not applicable.

User response: The fields in the message include:

- xx - is a 1-byte, hexadecimal flag that shows the status for this application at startup time:
- 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

|                 |   |
|-----------------|---|
| <b>VAIS183I</b> | MAXSESS = number CURRSESS = number TIMEOUT = value.   |
| Severity:       | Information   |
| 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.   |
| System action:  | Not applicable.   |
| User response:  | None.   |
| <b>VAIS184E</b> | ** 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: <ul style="list-style-type: none"> <li>■ SHOW=ALL</li> <li>■ SHOW=SERVICES</li> </ul> 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 <i>SequeLink Administrator's Guide</i> for additional information regarding the CNTL STATUS command. |
| <b>VAIS185E</b> | ** 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 *SequeLink Administrator's Guide* 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** Thridid(*ttttttt*) 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.   |
| <b>VAIS189T</b> | sssssss Service for User( <i>uuuuuuuu</i> ) with Thridid( <i>tttttttt</i> ) exceeds Timeout value ( <i>xxxx/yyyy</i> ).                 |   |
|                 | 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.   |
| <b>VAIS190W</b> | WARNING Server thread for User( <i>uuuuuuuu</i> ) with Thridid( <i>tttttttt</i> ) at terminal ( <i>termid</i> ) 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 <i>IDLEACTION</i> (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.   |
| <b>VAIS191E</b> | 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 DataDirect Technologies 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.

|                 |  |
|-----------------|--|
|                 | <p>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 VAILOG for previous error messages relating to this thread (identified by its thread ID).</p> <p>If necessary, contact DataDirect Technologies technical support.</p>  |
| <b>VAIS193E</b> | <p>Error with ALTER command - service application was not found.</p> <p>Severity: Error</p> <p>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.</p> <p>System action: The command is ignored.</p> <p>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.</p> |
| <b>VAIS194I</b> | <p>Alter services request was successful.</p> <p>Severity: Information</p> <p>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.</p> <p>System action: The application service definition is updated according to the operator's specifications stated in the CNTL ALTER command.</p> <p>User response: None.</p>                             |
| <b>VAIS196I</b> | <p>Service is currently ****Unavailable****</p> <p>Severity: Information</p> <p>Explanation: This message follows messages VAIS181I/182I/183I if the status of the service is 'stopped'.</p> <p>System action: None.</p> <p>User response: None.</p>   |

- VAIS197E** xxxxxxxx Thread for User(uuuuuuuu) with Thridid(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
- 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.
- System action: The connection request is rejected.
- User response: Check the connection string that is being used at the specified terminal. Correct it and retry your connection request. Refer to *SequeLink Administrator's Guide* for details about the link parameters required when connecting to an OS/390 server using each of the different network protocols supported.
- VAIS202E** \*\* Security Enabled in STRTTHRD, no longer supported.
- Severity: Error
- Explanation: Internal error.
- System action: The connection is rejected.

|                 |   |   |
|-----------------|---|---|
|                 | User response:  | Contact DataDirect Technologies technical support.  |
| <b>VAIS206S</b> | ** @VAIGM failure (insufficient storage).                                       |   |
|                 | Severity:   | Severe  |
|                 | 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.  |
|                 | System action:  | The connection request is rejected.   |
|                 | User response:  | Contact DataDirect Technologies 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.   |
| <b>VAIS207T</b> | ESTAEX recovery for <i>nnnnnnnn</i> setup                                       |   |
|                 | Severity:   | Trace   |
|                 | Explanation:  | ESTAEX recovery is activated on Workerthread <i>nnnnnnnn</i> .  |
|                 | System action:  | None.   |
|                 | User response:  | None.   |
| <b>VAIS208I</b> | Tttttttt - Maxcpu has been exceeded for this connection, CPU usage ssss secs.   |   |
|                 | Severity:   | Information   |
|                 | Explanation:  | When DataSourceMaxCpuTime has been exceeded, this message shows the offending ThreadId and the number of CPU seconds consumed until now.  |
|                 | System action:  | If DataSourceMaxCpuAction is ABORT, the connection will be abended also.  |
|                 | User response:  | Check why this connection consumed so much CPU usage.   |
| <b>VAIS209T</b> | Start Thread for Service(sssssss) at terminal(termid) for user(uuuuuuu) queued. |   |
|                 | Severity:   | Trace   |
|                 | 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. |
|                 | 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=*xxxyyy*) - 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.

|                 |  |
|-----------------|--|
|                 | <p>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:</p> <pre>// DB2A DD DSN=DSN410.SDSNEXIT,DISP=SHR // DD DSN=DSN410.SDSNLOAD,DISP=SHR</pre> |
| <b>VAIS216F</b> | <p>Task xxxxxxxx has unexpectedly terminated (CC=cc) restart/reload count Exhausted.</p> <p>Severity: Fatal</p> <p>Explanation: A critical task abended with CompletionCode cc and its restart Count, if any, is exhausted.</p> <p>System action: The server abends with abend U146.</p> <p>User response: Contact DataDirect Technologies technical support.</p>      |
| <b>VAIS219E</b> | <p>EOT routine for Service service failed.</p> <p>Severity: Error</p> <p>Explanation: The ServiceEotExit that was called during end of task, failed.</p> <p>System action: None.</p> <p>User response: Check why this routine failed, and contact DataDirect Technologies technical support.</p>   |
| <b>VAIS220I</b> | <p>Application(nnnnnnnn) Status(xx) Debug(y).</p> <p>Severity: Information</p> <p>Explanation: This message is output following a CNTL STATUS SHOW=servicename command. The message shows the loadmodule nnnnnnnn information for the specified service.</p> <p>System action: None.</p> <p>User response: None.</p>   |
| <b>VAIS229E</b> | <p>CNTL REFRESH command obsolete.</p> <p>Severity: Error</p> <p>Explanation: CNTL REFRESH command no longer supported.</p> <p>System action: Command is ignored.</p>   |

|                 |  |  |
|-----------------|--|--|
|                 | User response:   | None.  |
| <b>VAIS230T</b> | Free storage below _____ K, above ____ K.                |  |
|                 | Severity:  | Trace  |
|                 | Explanation:   | Display free storage available above and below 16 MB.  |
|                 | System action:   | None.  |
|                 | User response:   | None. New connections will be refused if free storage drops below SosLimit values. See message VAIS018I.   |
| <b>VAIS233I</b> | CNTL LIST command obsolete.                              |  |
|                 | Severity:  | Information  |
|                 | Explanation:   | CNTL LIST command no longer supported.   |
|                 | System action:   | Command is ignored.  |
|                 | User response:   | None.  |
| <b>VAIS235I</b> | Free storage below _____ K, above ____ K.                |  |
|                 | Severity:  | Information  |
|                 | Explanation:   | Display free storage available above and below 16 MB.<br>This message results from command CNTL LIST<br>TYPE=FREE.   |
|                 | System action:   | None.  |
|                 | User response:   | None. New connections will be refused if free storage drops below SosLimit values. See message VAIS018I.   |
| <b>VAIS246I</b> | 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.  |
| <b>VAIS300I</b> | Mgr SQLNK.DataDirect.xxxx registered.                    |  |
|                 | Severity:  | Information  |
|                 | Explanation:   | SequeLink server is registered to RRS as a ResourceMgr with the name SQLNK.DataDirect.xxxx where xxxx is the GlobalSubSystemId the server is started with. |

|                 |  |   |
|-----------------|--|---|
|                 | System action:   | Registering to RRS during initialization.   |
|                 | User response:   | None.   |
| <b>VAIS301I</b> | Mgr SQLNK.DataDirect.xxxx unregistered.                            |   |
|                 | Severity:  | Information   |
|                 | Explanation:   | SequeLink server unregistered from RRS.   |
|                 | System action:   | Unregisters from RRS during shutdown.   |
|                 | User response:   | None.   |
| <b>VAIS302I</b> | Begin restart Mgr SQLNK.DataDirect.xxxx.                           |   |
|                 | Severity:  | Information   |
|                 | Explanation:   | SequeLink server is restarting as a ResourceMgr to RRS.   |
|                 | System action:   | Restarting as ResourceMgr during initialization.  |
|                 | User response:   | None.   |
| <b>VAIS303I</b> | 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.   |
| <b>VAIS304I</b> | 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.   |
| <b>VAIS305I</b> | Mgr SQLNK.DataDirect.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.DataDirect.'

System action: The server abends with U130.

User response: Supply a unique GlobalSubSysId or use CAF DB2 attachment.

**VAIS307E** Mgr SQLNK.DataDirect.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 DataDirect Technologies 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 DataDirect Technologies 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 DataDirect Technologies 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 DataDirect Technologies technical support.  |
| <b>VAIS311E</b> | 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 DataDirect Technologies technical support.  |
| <b>VAIS312E</b> | 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 DataDirect Technologies technical support.  |
| <b>VAIS313E</b> | 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 DataDirect Technologies technical support.  |
| <b>VAIS314E</b> | Mgr is already registered by another server, use a different SubSystemID. |   |
|                 | Severity:   | Error   |
|                 | Explanation:  | The ResourceMgrName SQLNK.DataDirect.xxxx is already in use. Change the GlobalSubSysId for this server. |
|                 | System action:  | The server abends with U130.  |
|                 | User response:  | Contact DataDirect Technologies technical support.  |
| <b>VAIS315E</b> | Unregistration for SQLNK.DataDirect.xxxx failed, reason (yyyy).           |   |
|                 | Severity:   | Error   |

Explanation: The ResourceMgrName SQLNK.DataDirect.xxxx failed to unregister.

System action: Server continues shutdown.

User response: Contact DataDirect Technologies technical support.

**VAIS330I** Notification Exit - xxxxxxxxxxxxxxx.

Severity: Information

Explanation: Notification Exit called, xxxxxxxxxxxxxxx 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 DataDirect Technologies technical support.

**VAIS332E** Notification Exit - could not locate RRSM.

Severity: Error

Explanation: Internal error.

System action: None.

User response: Contact DataDirect Technologies technical support.

**VAIS333E** Notification Exit - TACB not found.

Severity: Error

Explanation: Internal error.

System action: None.

User response: Contact DataDirect Technologies technical support.

**VAIS348I** WLM in Goal mode - Policy(xxxxxxxx) ServiceDefinition(yyyyyyyy)

Severity: Information

Explanation: Shows the active Policy and ServiceDefinition when WLM is in Goal mode.

|                 |  |   |
|-----------------|--|---|
|                 | System action:   | Registers as a WorkManager to WLM when MVSGlobalWLMEnclaves is specified.   |
|                 | User response:   | User response: None   |
| <b>VAIS349I</b> | WLM in Compatibility mode - IPS(xxxxxxxx) ICS(yyyyyyyyy) |   |
|                 | Severity:  | Information   |
|                 | Explanation:   | Shows the active IPS and ICS member when WLM is in compatibility mode.  |
|                 | System action:   | Registers as a WorkManager to WLM when MVSGlobalWLMEnclaves is specified.   |
|                 | User response:   | None.   |
| <b>VAIS350I</b> | WLM Enclave support enabled - Type(VAI ) Name(yyyy)      |   |
|                 | Severity:  | Information   |
|                 | Explanation:   | When MVSGlobalWLMEnclaves is specified, this message means that SequeLink succesfully registered as a workmanager to WLM with Type(VAI) and Name = MVSGlobalSubSysId. |
|                 | System action:   | Sequelink Server is enabled to use WLM enclaves.  |
|                 | User response:   | None.   |
| <b>VAIS351E</b> | Error connecting to WLM - IWMCONN reasoncode(xxxxx)      |   |
|                 | Severity:  | Error   |
|                 | Explanation:   | MVSGlobalWLMEnclaves is specified, but SequeLink failed to register as a workmanager to WLM. The reasoncode for the IWMCONN macro is displayed.                       |
|                 | System action:   | Sequelink Server is not enabled to use WLM enclaves.  |
|                 | User response:   | Check the reasoncode for IWMCONN. If necessary, contact DataDirect Technologies technical support.  |
| <b>VAIS355I</b> | Disconnected from WLM as WorkManager.                    |   |
|                 | Severity:  | Information   |
|                 | Explanation:   | During shutdown of SequeLink Server, SequeLink deregistered from WLM as a workmanager.  |
|                 | System action:   | None.   |
|                 | User response:   | None.   |

- VAIS356E** Error disconnecting from WLM - IWMDISC reasoncode(xxxxx)  
Severity: Error  
Explanation: SequeLink failed to disconnect from WLM as workmanager. The reasoncode for the IWMDISC macro is displayed.  
System action: Sequelink Server continues with shutdown.  
User response: Check the reasoncode for IWMDISC macro. If necessary, contact DataDirect Technologies technical support.
- VAIS357E** No ConnectionToken found - unable to disconnect from WLM  
Severity: Error  
Explanation: WLM ConnectionToken is invalid or not found.  
System action: Sequelink Server could not disconnect from WLM.  
User response: Internal Sequelink error. If necessary, contact DataDirect Technologies technical support.
- VAIS360I** Server registered in Sysplex - ClusterName(cccccccccccccccc)  
Severity: Information  
Explanation: If MVSGlobalClusterName is specified, this message is displayed when Sequelink Server successfully registers into the Sysplex with ClusterName ccccccccccccccc.  
System action: None.  
User response: None.
- VAIS361E** Register Server in Sysplex - IWMSRSRG failed reasoncode(xxxx)  
Severity: Error  
Explanation: SequeLink failed to register into the Sysplex. The reasoncode for the IWMSRSRG macro is displayed.  
System action: Sequelink Server continues initialization, without registration into Sysplex.  
User response: Check reasoncode for IWMSRSRG. If necessary, contact DataDirect Technologies technical support.
- VAIS362E** Deregister Server from Sysplex - IWMSRDRS failed reasoncode(xxxx)  
Severity: Error

Explanation: SequeLink failed to deregister from the Sysplex. The reasoncode for the IWMSRDRS macro is displayed.

System action: SequeLink Server continues shutdown.

User response: Check the reasoncode for IWMSRDRS. If necessary, contact DataDirect Technologies technical support.

**VAIS363E** Server deregistered from Sysplex - ClusterName(cccccccccccccccc)

Severity: Information

Explanation: If MVSGlobalClusterName is specified, Sequelink Server succesfully deregistered from the Sysplex with ClusterName cccccccccccccccc.

System action: None.

User response: None.

---

## 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 DataDirect Technologies 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 DataDirect Technologies technical support.

|                 |   |
|-----------------|---|
| <b>VAIX011E</b> | 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 DataDirect Technologies technical support. |
| <b>VAIX012I</b> | SSI has been deactivated.   |
| Severity:       | Information   |
| Explanation:    | The resource manager had to reset the SSI.                                    |
| System action:  | None.   |
| User response:  | Contact DataDirect Technologies technical support.                            |
| <b>VAIX013I</b> | Entering resource manager VAICOPRM ....                                       |
| Severity:       | Information   |
| Explanation:    | The resource manager is being entered.  |
| System action:  | Not applicable.   |
| User response:  | None.   |

# ThreadPool Task Messages

This section contains messages generated by VAISTHRD. This task is responsible for the Threadpool interface logic.

**VAIT010I**     *SessionId ClientAddress A Userid CorrelationId*

Severity:            Information

Explanation:        This is a Header message resulting from 'THPL LIST' operator command.

System action:      None.

User response:      None.

**VAIT011I**     *SessionId ClientAddress A Userid CorrelationId*

Severity:            Information

Explanation:        This is the detail message resulting from the 'THPL LIST' operator command where:

*SessionID* - is the sessionid of the connection.

*ClientAddress* - is the IP address of the connected client.

*A* - is the Activity indicator. The value is '\*' when the connection is executing an RPC; otherwise, this value is left blank.

*Userid* - is the PrimaryAuthid used for DB2 connection or the Userid for an Administrator connection.

*CorrelationId* - is the Correlationid within the DB2 subsystem; otherwise, this value is set to the string "Adminstrator".

System action:      None.

User response:      None.

**VAIT012I**     Kill request for SessionId(ssss) scheduled.

Severity:            Information

Explanation:        This is a response from the 'THPL KILL' operator command.

|                 |  |  |
|-----------------|--|--|
|                 | System action:   | The Server will try to kill the session.                                     |
|                 | User response:   | None.  |
| <b>VAIT014E</b> | Operator command (cccccccc) unknown.                           |  |
|                 | Severity:  | Error  |
|                 | Explanation:   | The THPL command was not recognized.   |
|                 | System action:   | The command was ignored.   |
|                 | User response:   | Enter a valid THPL command.  |
| <b>VAIT015E</b> | No connection found for SessionId(ssss).                       |  |
|                 | Severity:  | Error  |
|                 | Explanation:   | The Session with SessionId 'ssss' was not found.                             |
|                 | System action:   | The command was ignored.   |
|                 | User response:   | Provide a correct SessionId as the argument of THPL LIST command.            |
| <b>VAIT016E</b> | Invalid SessionId format, should be numeric.                   |  |
|                 | Severity:  | Error  |
|                 | Explanation:   | The Sessionid argument of the THPL KILL command must be numeric.             |
|                 | System action:   | The command was ignored.   |
|                 | User response:   | None.  |
| <b>VAIT017T</b> | ThreadPool is waiting for an available WorkerThread.           |  |
|                 | Severity:  | Trace  |
|                 | Explanation:   | All worker threads are currently in use.                                     |
|                 | System action:   | An RPC for this connection cannot be scheduled yet.                          |
|                 | User response:   | None.  |
| <b>VAIT018I</b> | ThreadPool has waited ssss secs for an available WorkerThread. |  |
|                 | Severity:  | Information  |
|                 | Explanation:   | The threadpool waited longer then 0.5 seconds for an available WorkerThread. |

System action: Processing continues normally.

User response: If this message occurs too frequently, change one or more of the following configuration parameters:

- Increase the value ServiceMaxThread.
- Lower the value of DataSourceThreadMaxRpc and/or DataSourceThreadRpcTimeOut.



## 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, available at <http://www.sas.com/service/library/onlinedoc/sasc/doc/diag/sascdmv1.htm>.