



Sun Java™ System

Application Server 7 Error Message Reference

2004Q2 Update 1

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About This Guide

This guide describes error messages in the Sun Java™ System Application Server Standard and Enterprise Edition 7 environment.

This preface addresses the following topics:

- [Who Should Use This Guide](#)
- [Using the Documentation](#)
- [How This Guide Is Organized](#)
- [Documentation Conventions](#)
- [Contacting Sun](#)

Who Should Use This Guide

The intended audience for this guide is the person who develops, assembles, and deploys beans in a corporate enterprise.

This guide assumes you are familiar with the following topics:

- Java APIs as defined in the Java™ Servlet, JavaServer Pages™ (JSP™), Enterprise JavaBeans™ (EJB™), and Java™ Database Connectivity (JDBC™) specifications
- The SQL structured database query languages
- Relational database concepts

Using the Documentation

The Sun Java System Application Server Standard and Enterprise Edition manuals are available as online files in Portable Document Format (PDF) and Hypertext Markup Language (HTML).

The following table lists tasks and concepts described in the Sun Java System Application Server manuals. The manuals marked *(updated for 7 2004Q2)* have been updated for the Sun Java System Application Server Standard and Enterprise Edition 7 2004Q2 release. The manuals not marked in this way have not been updated since the version 7 Enterprise Edition release.

Table 1 Sun Java System Application Server Documentation Roadmap

For information about	See the following
<i>(Updated for 7 2004Q2)</i> Late-breaking information about the software and the documentation. Includes a comprehensive, table-based summary of supported hardware, operating system, JDK, and JDBC/RDBMS.	<i>Release Notes</i>
Sun Java System Application Server 7 overview, including the features available with each product edition.	<i>Product Overview</i>
Diagrams and descriptions of server architecture and the benefits of the Sun Java System Application Server architectural approach.	<i>Server Architecture</i>
<i>(Updated for 7 2004Q2)</i> How to get started with the Sun Java System Application Server product. Includes a sample application tutorial. There are two guides, one for Standard Edition and one for Enterprise Edition.	<i>Getting Started Guide</i>
<i>(Updated for 7 2004Q2)</i> Installing the Sun Java System Application Server Standard Edition and Enterprise Edition software and its components, such as sample applications and the Administration interface. For the Enterprise Edition software, instructions are provided for implementing the high-availability configuration.	<i>Installation Guide</i>
<i>(Updated for 7 2004Q2)</i> Evaluating your system needs and enterprise to ensure that you deploy Sun Java System Application Server in a manner that best suits your site. General issues and concerns that you must be aware of when deploying an application server are also discussed.	<i>System Deployment Guide</i>
Creating and implementing Java™ 2 Platform, Enterprise Edition (J2EE™ platform) applications intended to run on the Sun Java System Application Server that follow the open Java standards model for J2EE components such as servlets, Enterprise JavaBeans™ (EJBs™), and JavaServer Pages™ (JSPs™). Includes general information about application design, developer tools, security, assembly, deployment, debugging, and creating lifecycle modules. A comprehensive Sun Java System Application Server glossary is included.	<i>Developer's Guide</i>

Table 1 Sun Java System Application Server Documentation Roadmap (*Continued*)

For information about	See the following
(<i>Updated for 7 2004Q2</i>) Creating and implementing J2EE web applications that follow the Java™ Servlet and JavaServer Pages (JSP) specifications on the Sun Java System Application Server. Discusses web application programming concepts and tasks, and provides sample code, implementation tips, and reference material. Topics include results caching, JSP precompilation, session management, security, deployment, SHTML, and CGI.	<i>Developer's Guide to Web Applications</i>
(<i>Updated for 7 2004Q2</i>) Creating and implementing J2EE applications that follow the open Java standards model for enterprise beans on the Sun Java System Application Server. Discusses Enterprise JavaBeans (EJB) programming concepts and tasks, and provides sample code, implementation tips, and reference material. Topics include container-managed persistence, read-only beans, and the XML and DTD files associated with enterprise beans.	<i>Developer's Guide to Enterprise JavaBeans Technology</i>
(<i>Updated for 7 2004Q2</i>) Creating Application Client Container (ACC) clients that access J2EE applications on the Sun Java System Application Server.	<i>Developer's Guide to Clients</i>
Creating web services in the Sun Java System Application Server environment.	<i>Developer's Guide to Web Services</i>
(<i>Updated for 7 2004Q2</i>) Java™ Database Connectivity (JDBC™), transaction, Java Naming and Directory Interface™ (JNDI), Java™ Message Service (JMS), and JavaMail™ APIs.	<i>Developer's Guide to J2EE Services and APIs</i>
Creating custom NSAPI plug-ins.	<i>Developer's Guide to NSAPI</i>
(<i>Updated for 7 2004Q2</i>) Information and instructions on the configuration, management, and deployment of the Sun Java System Application Server subsystems and components, from both the Administration interface and the command-line interface. Topics include cluster management, the high-availability database, load balancing, and session persistence. A comprehensive Sun Java System Application Server glossary is included.	<i>Administration Guide</i>
(<i>Updated for 7 2004Q2</i>) Editing Sun Java System Application Server configuration files, such as the <code>server.xml</code> file.	<i>Administrator's Configuration File Reference</i>
Configuring and administering security for the Sun Java System Application Server operational environment. Includes information on general security, certificates, and SSL/TLS encryption. HTTP server-based security is also addressed.	<i>Administrator's Guide to Security</i>
Configuring and administering service provider implementation for J2EE™ Connector Architecture (CA) connectors for the Sun Java System Application Server. Topics include the Administration Tool, Pooling Monitor, deploying a JCA connector, and sample connectors and sample applications.	<i>J2EE CA Service Provider Implementation Administrator's Guide</i>
(<i>Updated for 7 2004Q2</i>) Migrating your applications to the new Sun Java System Application Server programming model, specifically from iPlanet Application Server 6.x and Sun ONE Application Server 7.0. Includes a sample migration.	<i>Migrating and Redeploying Server Applications Guide</i>
(<i>Updated for 7 2004Q2</i>) How and why to tune your Sun Java System Application Server to improve performance.	<i>Performance Tuning Guide</i>

Table 1 Sun Java System Application Server Documentation Roadmap (Continued)

For information about	See the following
(Updated for 7 2004Q2) Information on solving Sun Java System Application Server problems.	<i>Troubleshooting Guide</i>
(Updated for 7 2004Q2) Information on solving Sun Java System Application Server error messages.	<i>Error Message Reference</i>
(Updated for 7 2004Q2) Utility commands available with the Sun Java System Application Server; written in manpage style.	<i>Utility Reference Manual</i>
Using the Sun™ Java System Message Queue 3.5 software.	The Sun Java System Message Queue documentation at: http://docs.sun.com/db?p=prod/sl.slmsgqu

How This Guide Is Organized

This guide is a compilation of messages that you may encounter while running the Application Server. Each message begins with a message ID, which has a format like the following:

<Subsystem><4CharacterIntegerId>.

The subsystem is identified by the initial characters in the message ID. For example, in JMS0001, the subsystem is JMS.

The error messages in this guide are divided into chapters based on the subsystem prefix:

Prefix	Chapter
ADM	Chapter 2, “ADMIN” on page 17
ACC	Chapter 3, “Application Client Container” on page 31
CORE	Chapter 5, “Core Services” on page 39
DPL	Chapter 7, “Deployment” on page 57
DTX	Chapter 8, “Java Transaction API” on page 71
EJB	Chapter 9, “Enterprise Java Beans” on page 73
HADB	Chapter 11, “High-Availability Database” on page 85
INSTALL	Chapter 13, “Install Services” on page 169

Prefix	Chapter
IOP	Chapter 14, “Inter ORB Protocol” on page 179
JMS	Chapter 15, “Java Message Service” on page 195
JTS	Chapter 16, “Java Transaction Services” on page 203
LCM	Chapter 18, “Lifecycle Module” on page 217
LDR	Chapter 19, “Class Loader” on page 221
MDB	Chapter 20, “Message Driven Bean Container” on page 227
RAR	Chapter 21, “Resource Adapter” on page 239
SEC	Chapter 24, “Security Services” on page 255
UTIL	Chapter 25, “UTIL Services” on page 263
VERFY	Chapter 26, “Verifier Tool” on page 269
WEB	Chapter 27, “Web Container” on page 271

The messages defined in this reference guide also include the following information:

- **Severity:** Messages are assigned a severity level ranging from FINEST to FATAL. However, in this document all messages with a log level less than INFO (FINEST, FINER, FINE, CONFIG, and INFO) are *not* listed. For a description of what these log levels mean, see the *Administrator’s Guide*, “Using Logging”.
- **Description:** Meaning and likely cause of the message.
- **Action:** Instructions on how to address the condition that caused the message to be generated.
- **See Also:** Pointer to a relevant document or guide, where applicable.

Documentation Conventions

This section describes the types of conventions used throughout this guide:

- [General Conventions](#)
- [Conventions Referring to Directories](#)

General Conventions

The following general conventions are used in this guide:

- **File and directory paths** are given in UNIX[®] format (with forward slashes separating directory names). For Windows versions, the directory paths are the same, except that backslashes are used to separate directories.

- **URLs** are given in the format:

`http://server.domain/path/file.html`

In these URLs, *server* is the server name where applications are run; *domain* is your Internet domain name; *path* is the server's directory structure; and *file* is an individual filename. Italic items in URLs are placeholders.

- **Font conventions** include:
 - The `monospace` font is used for sample code and code listings, API and language elements (such as function names and class names), file names, pathnames, directory names, and HTML tags.
 - *Italic* type is used for code variables.
 - *Italic* type is also used for book titles, emphasis, variables and placeholders, and words used in the literal sense.
 - **Bold** type is used as either a paragraph lead-in or to indicate words used in the literal sense.
- **Installation root directories** for most platforms are indicated by *install_dir* in this document. Exceptions are noted in [“Conventions Referring to Directories” on page 13](#).

By default, the location of *install_dir* on **most** platforms is:

- Solaris and Linux file-based installations:

user's home directory/sun/appserver7

- Windows, all installations:

system drive: \Sun\AppServer7

For the platforms listed above, *default_config_dir* and *install_config_dir* are identical to *install_dir*. See [“Conventions Referring to Directories” on page 13](#) for exceptions and additional information.

- **Instance root directories** are indicated by *instance_dir* in this document, which is an abbreviation for the following:

default_config_dir/domains/domain/instance

- **UNIX-specific descriptions** throughout this manual apply to the Linux operating system as well, except where Linux is specifically mentioned.

Conventions Referring to Directories

By default, when using the Solaris package-based or Linux RPM-based installation, the application server files are spread across several root directories. This guide uses the following document conventions to correspond to the various default installation directories provided:

- *install_dir* refers to `/opt/SUNWappserver7`, which contains the static portion of the installation image. All utilities, executables, and libraries that make up the application server reside in this location.
- *default_config_dir* refers to `/var/opt/SUNWappserver7/domains`, which is the default location for any domains that are created.
- *install_config_dir* refers to `/etc/opt/SUNWappserver7/config`, which contains installation-wide configuration information such as licenses and the master list of administrative domains configured for this installation.

Contacting Sun

You might want to contact Sun Microsystems in order to:

- [Give Us Feedback](#)
- [Obtain Training](#)
- [Contact Product Support](#)

Give Us Feedback

If you have general feedback on the product or documentation, please send this to:

<http://www.sun.com/hwdocs/feedback/>

Obtain Training

Application Server training courses are available at:

http://training.sun.com/US/catalog/enterprise/web_application.html/

Visit this site often for new course availability on the Sun Java System Application Server.

Contact Product Support

If you have problems with your system, contact customer support using one of the following mechanisms:

- The online support web site at:
<http://www.sun.com/supporttraining/>
- The telephone dispatch number associated with your maintenance contract

Please have the following information available prior to contacting support. This helps to ensure that our support staff can best assist you in resolving problems:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, operating system version, and product version, including any patches and other software that might be affecting the problem. Here are some of the commonly used commands:
 - **Solaris:** `pkginfo, showrev`
 - **Linux:** `rpm`
 - **All:** `asadmin version --verbose`
- Detailed steps on the methods you have used to reproduce the problem
- Any error logs or core dumps
- Configuration files such as:
 - `instance_dir/config/server.xml`
 - a web application's `web.xml` file, when a web application is involved in the problem
- For an application, whether the problem appears when it is running in a cluster or standalone

Unexpected Errors

This chapter provides general advice to help you deal with unexpected errors.

Analyze the System

Unexpected errors generally result from problems in the configuration (system configuration, JVM configuration, server configuration or application-level configuration). They can also occur when the system runs out of memory, or when there is a system crash, hardware failure, or power failure.

To find cases in which the error has been reported, search for occurrences of the error code (for example, `HADB99999`) at <http://www.sunsolve.sun.com>.

In the event of a general system failure, the error message can generally be ignored, because the error is unlikely to reoccur when the system is working properly.

If system memory is an issue, consult the *Performance Tuning Guide* for suggestions on optimizing your configuration. (Consider taking other actions to remedy the problem as well, such as adding memory or decreasing system load.)

When the system is not the cause, the problem may be due to the configuration settings. If you have recently made changes, consider backing them out.

When all else fails, you may need help analyzing your configuration. In that case, gather the following information and [Contact Product Support](#) as described on [page 14](#):

- Detailed information from the body of the message
- Stack trace information
- System logs

Analyze the System

ADMIN

This chapter lists error messages that originate from the Admin subsystem.

ADM

ADM0003

Severity	SEVERE/WARNING
Description	<p>MBeanServer initialization failed.</p> <p>If this error message occurs in an admin instance, it has a SEVERE level, otherwise it is a WARNING message. This error occurs when the system <code>mbeans</code> could not be registered during system start-up and as a result the server does not start.</p>
Action	<p>Analyze the System, as described on page 15.</p>

ADM0006

Severity	WARNING
Description	<p>Timestamp files could not be created.</p> <p>This error message occurs when Write access permission is <i>not</i> granted to the directory.</p>

Action See the detailed message that follows this error message. It may provide details of what occurred when the time-stamp files were created.

Make sure you have Write access permission to the directory. If not, grant Write access permission to the config directory located in, (*<install-dir>/domains/<domain-name>/<server-name>/config*) and the backup directory located in, (*<install-dir>/domains/<domain-name>/<server-name>/config/backup*).

ADM0008

Severity WARNING

Description The Admin Server could not create the temporary folder for internal purposes in the temporary directory location. This may cause problems during deployment.

Action Grant appropriate file permissions to enable writing to the file. Make sure that there is sufficient space for writing to the file in the temporary directory location.

ADM0011

Severity WARNING

Description Unable to re-register `HttpListener` with `DomainRegistry`.

During the admin server instance startup, http-listeners associated with the server are registered in the domain registry. The domain registry is used to keep the domain-specific information, so that the admin server can be contacted by other domain's admin servers. This error can occur if the domain registry is missing, that is the `domains.bin` file is missing from *<Install_root/config>* location.

Action Restart the server.

ADM0014

Severity	WARNING
Description	The temporary folder required by the Administrator interface could not be created in the specified location. This poses some problems while trying to deploy archives from the console. Some space can be freed at this location without restarting the administrative server to correct this problem.
Action	Free some space at the specified location so that the file can be created at this location, without restarting the admin server. Make sure that the directory has Write access permissions.

ADM0101

Severity	WARNING
Description	An error occurred while getting manual changes. This message occurs when there is a problem in the thread that tracks the manual changes performed in the configuration file, <code>server.xml</code> .
Action	Analyze the System , as described on page 15 .

ADM1002

Severity	WARNING
Description	Create instance failed. This error message occurs when the user is trying to create an instance, and the instance creation fails. See the accompanying detailed message to determine the actual reason for this failure. Two reasons may be: <ul style="list-style-type: none"> • No space to create the instance. • No permission to create the files in the designated directory.
Action	The detailed message in the log file helps determine the action to be taken.

ADM1004

Severity	WARNING
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Description	Delete instance failed. This error message is reported when the deletion of a server instance fails to execute properly. The above message is followed by detailed error message that can help determine the actual reason for this failure.
Action	The detailed message in the log file helps determine the action to be taken.

ADM1008

Severity	WARNING
Description	Upload failed for the file at the specified location. This error message occurs when the output stream could not be closed when the server upload for deployment throws some exception.
Action	Analyze the System , as described on page 15 .

ADM1022

Severity	SEVERE
Description	The deployment procedure failed.
Action	See the exception stack trace for information on why the deployment failed.

ADM1024

Severity	SEVERE
Description	The undeployment procedure failed.
Action	See the exception stack trace for information on why the undeployment failed.

ADM1025

Severity	SEVERE
Description	The redeployment procedure failed.
Action	See the exception stack trace for information on why the redeployment failed.

ADM1026

Severity	SEVERE
Description	Redeployment failed.
Action	See the exception stack trace for information on why the redeployment failed.

ADM1028

Severity	WARNING
Description	List operation failed. This error message occurs when the admin server is unable to get a list of deployed applications, web-modules, resources or connectors.
Action	See the exception stack trace for information on why the list operation failed and how to fix the error.

ADM1030

Severity	WARNING
Description	Resource creation failed. This error message is logged when the creation of any resource, for example, jdbc-resource, jndi-resource, java-mail-resource, fails during execution.
Action	See the exception stack trace for information on why the resource creation failed and how to fix the error.

ADM1032

Severity	WARNING
Description	Resource deletion failed. This error message is logged when the deletion of any resource, for example, jdbc-resource, jndi-resource, java-mail-resource, fails during execution.
Action	See the exception stack trace for information on why the resource deletion failed and how to fix the error.

ADM1034

Severity	WARNING
Description	Deletion of connection pool failed. This error message occurs when the deletion of the chosen JDBC connection pool fails.
Action	See the exception stack trace for information on why the operation failed and how to fix the error.

ADM1037

Severity	WARNING
Description	Lifecycle module creation failed. This error message occurs when the lifecycle module could not be created successfully.
Action	See the exception stack trace for information on why the operation failed and how to fix the error.

ADM1039

Severity	WARNING
Description	Lifecycle module deletion failed. This error message occurs when the deletion of lifecycle module does not succeed.
Action	See the exception stack trace for information on why the operation failed and how to fix the error.

ADM1044

Severity	SEVERE
Description	The specified event will not be applied. This was applied as part of a prior event.
Action	No action to be taken.

ADM1046

Severity	WARNING
Description	Notification failed. This error message occurs when the admin server fails to notify the instances that are running of any changes made in the configuration of the server.
Action	Restart the server. If the problem persists, Analyze the System , as described on page 15 .

ADM1047

Severity	WARNING
Description	Setting JVM debug options in configuration file failed. This error message occurs when the server starts up in debug mode and fails.
Action	Make sure the server starts up normally. Make sure this port is free and restart the server.

ADM1050

Severity	SEVERE
Description	The specified starting instance failed. See instance logs for more details.
Action	See the ADM1069 message and instance level log file. The exact nature of failure can be determined and appropriate action can be taken.

ADM1059

Severity	WARNING
Description	Security check failed. This error message occurs when the authentication check fails during server instance startup.
Action	Make sure the <code>init.conf</code> file exists in the config directory. If the file exists, make sure the security value is correct.

ADM1060

Severity	WARNING
Description	<code>isDebug</code> check failed. This error message occurs while starting a server instance either in debug or normal mode. This means that the debug check for server start failed.
Action	Analyze the System , as described on page 15 .

ADM1069

Severity	WARNING
Description	The server instance startup failed. This error message occurs during server instance startup. See the detailed message to understand why the startup failed.
Action	Analyze the System , as described on page 15 .

ADM5002

Severity	WARNING
Description	Attempt to register a non-compliant monitoring <code>mbean</code> . This exception occurred while trying to register an <code>Mbean</code> in the <code>MBean</code> server that is not a JMX-compliant <code>Mbean</code> .
Action	Analyze the System , as described on page 15 .

ADM5003

Severity	WARNING
Description	<p>MBean server initialization for monitoring failed.</p> <p>This error message occurs while trying to get the MBean server for registering or de-registering monitor <code>mbeans</code>.</p>
Action	Analyze the System , as described on page 15 .

ADM5004

Severity	WARNING
Description	<p>Monitoring channel initialization error occurred and hence monitoring is disabled.</p> <p>This error message occurs when the monitoring event listener is initialized. As a result of this, if a component has its monitoring enabled, it may be ignored, and the user may not be able to get the monitoring data. This error message should be read in conjunction with ADM5005 to determine the components that may not be monitored.</p>
Action	Analyze the System , as described on page 15 .

ADM5005

Severity	WARNING
Description	<p>Initialization of monitoring failed for the specified component.</p> <p>For a component to be monitored its monitoring enabled state should be initialized.</p>
Action	Lookup components in the <code>server.xml</code> and ensure the specified component is not missing.

ADM5603

Severity	WARNING
Description	This is a generic error message that appears during deployment, or when configuration changes are made and also while monitoring the event handling process.
Action	Analyze the System , as described on page 15 .

ADM5609

Severity	SEVERE
Description	Unable to set the config context from the event multicast.
Action	Analyze the System , as described on page 15 .

ADM5801

Severity	WARNING
Description	This error occurs while creating communication channel between the admin server and the administered instance during server startup.
Action	Analyze the System , as described on page 15 .

ADM5802

Severity	WARNING
Description	This error occurs while creating communication channel between the admin server and the administered instance during server startup. The reason why this error occurred is due to an IO exception that occurred while reading one of the server system files.
Action	Analyze the System , as described on page 15 .

ADM5803

Severity	WARNING
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Description This error occurs while creating communication channel between the admin server and the administered instance during server startup. The cause for this is an IO exception while writing one of the server system files.

Action [Analyze the System](#), as described on [page 15](#).

ADM5804

Severity WARNING

Description This error occurs when the Admin server tries to check the client access and the address of client is null.

Action [Analyze the System](#), as described on [page 15](#).

ADM5805

Severity WARNING

Description Local access to admin server channel.

Action [Analyze the System](#), as described on [page 15](#).

ADM5807

Severity WARNING

Description Unable to determine the local host. This error occurs when the IP address of the local host where the server is running could not be determined.

Action Make sure your machine has a valid IP address.

ADM5810

Severity WARNING

Description As part of establishing a communication link between the admin server and the administered instances, the admin channel client is created. If this creation fails, this error occurs.

Action [Analyze the System](#), as described on [page 15](#).

ADM5811

Severity	WARNING
Description	The admin channel auto refresh thread was interrupted.
Action	Analyze the System , as described on page 15 .

ADM5812

Severity	WARNING
Description	An event notification failed. This error occurs while sending an event notification over the admin channel from the admin server to the admin client. This event notification may be for deployment, monitoring, or config changes.
Action	Analyze the System , as described on page 15 .

ADM5813

Severity	WARNING
Description	If the event notification fails and the server stub file status is changed, a refresh operation is performed to get the stub file. It then retries for event notification and if it fails this error occurs.
Action	Analyze the System , as described on page 15 .

ADM5814

Severity	WARNING
Description	The stub file does not exist or cannot be read.
Action	Analyze the System , as described on page 15 .

ADM5815

Severity	WARNING
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Description	An error occurred while initializing the admin channel client. An IO exception occurred while reading the stub from the stub file for the client in the admin channel.
Action	Analyze the System , as described on page 15 .

ADM6004

Severity	WARNING
Description	This error occurs when a command is sent to an Mbean from the Mbean server and the invocation fails.
Action	Analyze the System , as described on page 15 .

ADM6006

Severity	WARNING
Description	The <code>Get</code> attribute failed. An error occurred while getting the specified attribute of an Mbean from the MbeanServer.
Action	Analyze the System , as described on page 15 .

ADM6008

Severity	WARNING
Description	The <code>Set</code> attribute failed. An error occurred while setting the specified attribute of an Mbean from the Mbean server.
Action	Analyze the System , as described on page 15 .

ADM7003

Severity	WARNING
Description	JAVA_HOME value cannot be derived from the admin server's configuration file, and therefore an instance cannot be created.
Action	Make sure the JAVA_HOME is set in the admin server's <code>server.xml</code> .

ADM7004

Severity	WARNING
Description	This error occurs when an instance is started, stopped or restarted through a subprocess and the subprocess gives an error or terminates abruptly.
Action	Analyze the System , as described on page 15 .

ADM7006

Severity	SEVERE
Description	The process of finding a free port on this system failed. The admin server tries to proceed by using default ports. See <code>dtcd/manuals</code> for default port assignments.
Action	Contact the system administrator.

Application Client Container

This chapter lists error messages that originate from the Application Client Container subsystem.

ACC

The Application Client Container (ACC) includes a set of Java classes, libraries, and other files that are distributed along with Java client programs that execute on their own Java Virtual machine. The ACC provides system services that enable a Java client program to execute. It communicates with the Application Server using RMI/IIOP and manages communication of RMI/IIOP using the client ORB bundled with it. The ACC is specific to the EJB container and is often provided by the same vendor.

This chapter contains error messages that occur in the ACC system.

ACC002

Severity	WARNING
Description	The client container XML was not found. The default <code>sun-acc.xml</code> will be used.
Action	Ensure that the client container XML file exists and has Read access permission. By default, the application client container uses <code>sun-acc.xml</code> . Ensure that <code>sun-acc.xml</code> exists and has Read access permission. You can also add <code>-xml</code> option while running the application client script. Use the following command: <code>appclient -client client_jar [-xml] absolute_location/sun-acc.xml</code>

ACC003

Severity	WARNING
Description	An exception occurred in the client application.
Action	Fix the client application.

ACC005

Severity	WARNING
Description	Failed to load the application client descriptors and hence the client application did not build correctly.
Action	Fix the client application, and make sure that the <code>application-client.xml</code> and <code>sun-application-client.xml</code> files exist. Ensure that the <code><display-name></code> in <code>application-client.xml</code> matches the option, <code>-name</code> . However, if <code>-classname</code> option is used, make sure that the name used matches the client application class that contains the <code>main()</code> method.

ACC006

Severity	WARNING
Description	The application client descriptor is not defined for the client application.
Action	Fix the client application, and make sure that the <code>application-client.xml</code> and <code>sun-application-client.xml</code> files exist and have Read access permission.

ACC010

Severity	WARNING
Description	The server port is not disabled and the server has an invalid name.
Action	Check the application server to make sure the server is running. Check the server name and port number in <code>sun-acc.xml</code> , or the XML file used.

ACC011

Severity	WARNING
Description	A duplicate display name appears in multiple applications.
Action	The client application JAR contains multiple applications with <code>main()</code> method. Change the client application name.

ACC012

Severity	WARNING
Description	The client application JAR contains multiple applications.
Action	For multiple applications, you must specify the main class name or display name using <code>-mainclass <appClass-name></code> or <code>-name <display name></code> option. Add <code>-mainclass</code> option and specify the application class with <code>main()</code> method that should be running.

ACC015

Severity	WARNING
Description	An error occurred in the XML file.
Action	Make sure that the DTD file specified in the XML file exists and the XML file matches the DTD file.

ACC016

Severity	WARNING
Description	Unable to find or read the client container XML file.
Action	<p>Ensure that the client container XML file exists and has Read access permission. By default, the application client container uses <code>sun-acc.xml</code>. Make sure that <code>sun-acc.xml</code> file exists and has Read access permission. You can also add <code>-xml</code> option while running the application client script. Use the following command:</p> <pre>appclient -client client_jar -xml absolute_location/sun-acc.xml</pre>

ACC

Configuration

This chapter lists error messages that originate during Load Balancer configuration.

CNFG

CNFG1004

Severity	WARNING
Description	During dynamic reconfiguration, the xml parser failed to parse loadbalancer.xml
Action	Check loadbalancer.xml for errors.

CNFG1005

Severity	SEVERE
Description	Health Checker thread could not be created.
Action	Check the health checker configuration. Restart the server.

CNFG1006

Severity	SEVERE
Description	Internal error
Action	Analyze the System , as described on page 15 .

CNFG1007

Severity	SEVERE
Description	Internal error
Action	Analyze the System , as described on page 15 .

CNFG1008

Severity	SEVERE
Description	Two instances are having the same name which is not allowed.
Action	Check the loadbalancer.xml for duplicate instance names and correct it.

CNFG1009

Severity	SEVERE
Description	A cluster could not be added to the configuration.
Action	Check if there are duplicate clusters in loadbalancer.xml

CNFG1010

Severity	SEVERE
Description	Two clusters have the same name.
Action	Check for duplicate clusters in loadbalancer.xml

CNFG1011

Severity	WARNING
Description	Loadbalancer dynamic reconfiguration thread could not read the loadbalancer.xml
Action	Check the permissions of loadbalancer.xml and whether it exists. The webserver may be running as another user which may not have sufficient permission.

CNFG1012

Severity	WARNING
Description	Dynamic reconfiguration thread could not be created.
Action	Restart the server.

CNFG1020

Severity	WARNING
Description	While loading the new configuration , an error was detected.
Action	Check the logs for additional error messages.

CNFG1021

Severity	SEVERE
Description	Duplicate context roots are present in loadbalancer.xml
Action	Correct the loadbalancer.xml and remove duplicate context roots.

CNFG1022

Severity	SEVERE
Description	loadbalancer dtd is not in sync with the xml file.
Action	Check the sun-loadbalancer_1_1.dtd file and the loadbalancer.xml. Make sure the xml points to correct dtd.

CNFG1024

Severity	SEVERE
Description	Duplicated idempotent URL entries detected in loadbalancer.xml
Action	Correct the loadbalancer.xml and remove duplicate entries for idempotent url.

CNFG1026

Severity	WARNING
Description	Error URL does not end with ".html".
Action	Correct the loadbalancer.xml and point the error-url attribute to either a valid html file ending with ".html" or to an URL starting with "http://" or "https://"

CNFG1028

Severity	WARNING
Description	Idempotent url pattern does not match any characters.
Action	Correct the idempotent-url-pattern attribute.

Core Services

This chapter lists error messages that originate from the Core services.

CORE

CORE3283

Severity	ERROR
Description	An IOException occurred.
Action	This error has been seen when trying to connect to HADB.

CORE4001

Severity	WARNING
Description	An error occurred when a request processing thread tried to connect to the Java Virtual Machine.
Action	Restart the server. If the problem persists, Analyze the System , as described on page 15 .

CORE4002

Severity	WARNING
Description	An error occurred when a request processing thread tried to disconnect from the Java Virtual Machine.

Action Restart the server. If the problem persists, [Analyze the System](#), as described on [page 15](#).

CORE4003

Severity WARNING

Description No name has been specified for the <profiler> element in server.xml.

Action Specify a name for the <profiler> element in server.xml and restart the server.

See Also

- *Developer's Guide*, chapter "Debugging J2EE Applications".
- *Administrator's Configuration File Reference*, chapter "Server Configuration Files".

CORE4005

Severity WARNING

Description An error occurred while creating the embedded Java Virtual Machine. The server will not start if this error occurs.

Action Ensure that the JDK configuration in the java-config element in server.xml points to a valid JDK. In particular, ensure that the JDK is installed in the directory path as specified in the java-home attribute. Restart the server.

See Also *Administrator's Configuration File Reference*, chapter "Server Configuration Files".

CORE4007

Severity WARNING

Description A generic exception report occurred.

Action Refer to the messages logged along with this message to determine the cause of the error.

CORE4008

Severity	WARNING
Description	An error occurred while trying to load the <code>Throwable</code> class. As a result of this, context information about exceptions is not logged to the server log file.
Action	If the problem persists, restart the server instance.

CORE4009

Severity	WARNING
Description	An error occurred while loading the embedded Java Virtual Machine. The server will not start if this error occurs.
Action	Ensure that the JDK configuration of the <code>java-config</code> element in <code>server.xml</code> points to a valid JDK. In particular, ensure that the directory pointed by the <code>java-home</code> attribute is the directory path where JDK is installed. Restart the server.
See Also	<i>Administrator's Configuration File Reference</i> , chapter "Server Configuration Files".

CORE4011

Severity	WARNING
Description	An error occurred during initialization of the Java subsystem in the server. The server will not start if this error occurs.
Action	Ensure that the <code>server-classpath</code> configuration of the <code>java-config</code> element in <code>server.xml</code> has not changed and does not contain any errors. Restart the server.
See Also	<i>Administrator's Configuration File Reference</i> , chapter "Server Configuration Files".

CORE4012

Severity	WARNING
Description	An error occurred during initialization of the Java subsystem in the server. The server will not start if this error occurs.

Action	Ensure that the <code>server-classpath</code> configuration of the <code>java-config</code> element in <code>server.xml</code> has not changed and does not contain any errors. Restart the server.
See Also	<i>Administrator's Configuration File Reference</i> , chapter "Server Configuration Files".

CORE4013

Severity	WARNING
Description	An error occurred during initialization of the Java subsystem in the server. The server will not start if this error occurs.
Action	Ensure that the <code>server-classpath</code> configuration of the <code>java-config</code> element in <code>server.xml</code> has not changed and does not contain any errors. Restart the server.
See Also	<i>Administrator's Configuration File Reference</i> , chapter "Server Configuration Files".

CORE4014

Severity	WARNING
Description	This error occurs when the Java subsystem is incorrectly configured in <code>init.conf</code> and <code>obj.conf</code> .
Action	Ensure that the <code>init-j2ee</code> , <code>ntrans-j2ee</code> and <code>error-j2ee</code> server application functions are configured correctly. Restart the server.
See Also	<i>Developer's Guide to NSAPI</i> , chapter "Predefined SAFs and the Request Handling Process". <i>Developer's Guide to NSAPI</i> , chapter "SAFs in the <code>init.conf</code> file"

CORE4015

Severity	WARNING
Description	This error indicates insufficient memory allocation during the initialization of the Java subsystem.
Action	Ensure that the system has sufficient memory and then restart the server.
See Also	<i>Release Notes</i> , section "Software and Hardware Requirements".

CORE5001

Severity	SEVERE
Description	An internal error occurred.
Action	Analyze the System , as described on page 15 with the stack trace information

CORE5005

Severity	SEVERE
Description	An internal error occurred during dynamic resource deployment.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5007

Severity	SEVERE
Description	An internal error occurred during dynamic resource un-deployment.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5009

Severity	SEVERE
Description	An internal error occurred during dynamic resource re-deployment.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5011

Severity	SEVERE
Description	An internal error occurred while enabling the dynamic resource.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5013

Severity SEVERE

Description An internal error occurred while disabling the dynamic resource.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5014

Severity WARNING

Description An internal configuration error occurred.

Action Restart the server. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5015

Severity WARNING

Description An internal configuration error occurred.

Action Restart the server. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5016

Severity WARNING

Description An internal error occurred. For example, a null pointer exception occurred while loading the application.

Action Restart the server. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5017

Severity	SEVERE
Description	An error occurred while redeploying the application.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5018

Severity	SEVERE
Description	An error occurred during dynamic deployment of a connector module.
Action	Analyze the System , as described on page 15 with stack trace information.

CORE5019

Severity	SEVERE
Description	An error occurred during dynamic reload of an application.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5020

Severity	SEVERE
Description	An error occurred during dynamic deployment of the EJB module.
Action	Add all the necessary resources used by this EJB module and restart the server. If the problem persists, Analyze the System , as described on page 15 with the stack trace information.

CORE5021

Severity	SEVERE
Description	The application was not loaded during server startup or during dynamic deployment.

Action This is due to missing resources (JDBC, JMS, and so on). If the problem persists, [Analyze the System](#), as described on [page 15](#) with stack trace information.

CORE5028

Severity WARNING

Description An exception occurred while creating the time stamp for MIME types.

Action See the messages logged along with this message to determine how to fix the error.

CORE5029

Severity WARNING

Description An IO error occurred while setting the value of time stamp in a new file.

Action See the messages logged along with this message to determine how to fix the error.

CORE5030

Severity WARNING

Description Unsupported Javac option found in server configuration.

Action User configured invalid Javac option. Check the `javac-options` of `java-config` element in `server.xml`.

CORE5031

Severity SEVERE

Description An exception occurred while loading the license.

Action [Analyze the System](#), as described on [page 15](#).

CORE5032

Severity	SEVERE
Description	An error occurred because the license file is invalid.
Action	Analyze the System , as described on page 15 .

CORE5033

Severity	SEVERE
Description	The evaluation license for the Application Server has expired.
Action	Contact the Sun Microsystems representative to obtain the software.
See Also	The Sun Microsystems product upgrade site at http://www.sun.com/as7upgrade for Application Server product information and downloads.

CORE5034

Severity	SEVERE
Description	An error occurred while assigning remote permissions.
Action	Analyze the System , as described on page 15 .

CORE5035

Severity	SEVERE
Description	An error occurred while setting up the instance limit.
Action	Analyze the System , as described on page 15 .

CORE5036

Severity	SEVERE
Description	This error indicates that the license is invalid.
Action	Contact the Sun Microsystems representative to obtain an upgrade.

See Also The Sun Microsystems product upgrade site at <http://www.sun.com/as7upgrade> for Application Server product information and downloads.

CORE5037

Severity SEVERE

Description The error indicates that the evaluation license is about to expire.

Action Contact the Sun Microsystems representative to obtain the software.

See Also The Sun Microsystems product site at <http://www.sun.com/as7upgrade>, for Application Server product information and downloads.

CORE5038

Severity SEVERE

Description This error indicates that the evaluation license has expired.

Action Contact the Sun Microsystems representative to obtain the software.

See Also The Sun Microsystems product site at <http://www.sun.com/as7upgrade>, for Application Server product information and downloads.

CORE5046

Severity SEVERE

Description An error occurred while loading the applications during server startup time.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information

CORE5047

Severity SEVERE

Description A configuration exception occurred while loading the applications during server startup time.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information

CORE5048

Severity SEVERE

Description A configuration exception occurred while retrieving the value of the `dynamic reload enabled` flag defined in `server.xml`.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5049

Severity SEVERE

Description An error occurred while shutting down applications.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5053

Severity SEVERE

Description An error occurred while terminating applications during server shutdown.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information.

CORE5054

Severity SEVERE

Description An error occurred while calling `onReady` state of the application life cycle.

Action Make sure the steady pools for the EJBs are created properly during server startup.

CORE5060

Severity	WARNING
Description	An error occurred while constructing a URL path for the classloader.
Action	Check the classpath in <code>server.xml</code> . Verify if the files and directories you have specified are valid.

CORE5061

Severity	WARNING
Description	A generic exception occurred.
Action	Refer to the exception data to understand the context of this log message. See the other log messages reported along with this message.

CORE5070

Severity	SEVERE
Description	Server context could not be created.
Action	Refer to the exception data to understand the context of this log message. See the other log messages reported along with this message.

CORE5071

Severity	SEVERE
Description	An error occurred during initialization of the application server.
Action	Refer to the exception data to understand the context of this log message. See the other log messages reported along with this message.

CORE5072

Severity	SEVERE
Description	An error occurred either during startup or while reconfiguring the application server.

Action Refer to the exception data to understand the context of this log message. See the other log messages reported along with this message.

CORE5074

Severity SEVERE

Description An error occurred while application server was shutting down.

Action Refer to exception data. to understand the context of this log message. See the other log messages reported along with this message.

CORE5075

Severity SEVERE

Description An error occurred because the license file is invalid.

Action Obtain a valid license. Contact the Sun Microsystems representative to obtain the software.

CORE5080

Severity SEVERE

Description An exception occurred while resolving the initial reference of ORB. The lookup for `RootPOA` failed for the ORB started in the server.

Action The ORB was not created in the server. [Analyze the System](#), as described on [page 15](#) with the complete stack trace.

CORE5081

Severity SEVERE

Description The ORB was not created in the server.

Action Check the ORB properties in the `server.xml` file or check if the ORB listener port is already in use. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the complete stack trace information.

CORE5082

Severity	SEVERE
Description	An exception occurred while running the J2EE services.
Action	Server startup failed. Analyze the System , as described on page 15 with the stack trace information.

CORE5084

Severity	SEVERE
Description	An exception occurred while creating or binding the server object in the naming service.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5089

Severity	SEVERE
Description	An exception occurred while initializing the <code>realmmanager</code> and registering with the naming service.
Action	Analyze the System , as described on page 15 with the stack trace information

CORE5090

Severity	SEVERE
Description	Unable to write to the <code>seed</code> ¹ file, for fast startup. The next startup is likely to be slow.
Action	Refer to the exception data to understand the context of this log message. See the other log messages reported along with this message.

1. A file used to store a random secure number. The application server stores this number in the file and accesses it whenever the server restarts.

CORE5091

Severity	SEVERE
Description	The J2EE server startup failed.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5092

Severity	SEVERE
Description	The J2EE server reported an error.
Action	See the description of the error. Analyze the System , as described on page 15 with stack trace information.

CORE5093

Severity	SEVERE
Description	The J2EE server startup failed.
Action	Analyze the System , as described on page 15 with the stack trace information.

CORE5094

Severity	SEVERE
Description	An exception occurred while looking up the server object during shutdown.
Action	Refer to exception data to understand the context of this log message. See the other log messages reported along with this message.

CORE5095

Severity	SEVERE
Description	Unable to shutdown the J2EE server.

Action Refer to exception data to understand the context of this log message. See the other log messages reported along with this message.

CORE5096

Severity WARNING

Description Relative pathname is specified for transaction log directory.

Action Check the `tx-log-dir` attribute of `transaction-service` element in `server.xml`.

Dynamic Configuration

This chapter lists error messages that originate during dynamic configuration of the Load Balancer.

DCONF

DCONF3000

Severity	ERROR
Description	Failure to create the instance quiescing thread.
Action	Restart the server.

DCONF3004

Severity	ERROR
Description	Failure to create the application quiescing thread.
Action	Restart the server.

DCONF

Deployment

This chapter lists error messages that originate from the Deployment subsystem.

DPL

DPL5001

Severity	SEVERE
Description	An error occurred while loading all the classes within the JAR.
Action	See the stack trace for more information and make sure the corresponding JAR file exists.

DPL5002

Severity	SEVERE
Description	Unable to add an icon.
Action	See the stack trace for more information and make sure the icon file is available in the JAR file.

DPL5003

Severity	WARNING
Description	SAX Parser cannot validate. This error or warning message is sent either from the XML parser or the application.

Action See the stack trace for more information. If it is an XML parser error, [Analyze the System](#), as described on [page 15](#). If the error is from the application, make sure the XML file is valid.

DPL5004

Severity WARNING

Description Cannot add JAR to output stream.

Action Make sure the user has appropriate access permission to the temporary directory, `tmp`, and there is sufficient space in the `tmp` directory.

DPL5005

Severity WARNING

Description An IO exception occurred. This error occurs when deployment backend tries to create a file in the specified directory.

Action Make sure the user has appropriate access permission to the temporary directory, `tmp`, and there is sufficient space in the `tmp` directory.

DPL5006

Severity WARNING

Description An error occurred while reading the `connector.xml` file. This error occurs while converting the XML subtree representing connector information into a connector descriptor object.

Action See the stack trace for more information and see if the supplied `connector.xml` file exists and is valid.

DPL5007

Severity SEVERE

Description An error occurred while loading the class, `EjbDescriptor.getMethods()`.

Action See the stack trace for more information and see if the class exists in the classpath.

DPL5008

Severity SEVERE

Description An error occurred while loading the class.

Action See the stack trace for more information and see if the class exists in the classpath.

DPL5009

Severity SEVERE

Description An error occurred while loading the EJB class, in `getFields` on `EjbDescriptor`.

Action See the stack trace for more information and see if the EJB class is available.

DPL5010

Severity SEVERE

Description An error occurred while loading the EJB class in `getFields` on `EjbDescriptor`.

Action See the stack trace for more information and see if the EJB class is available.

DPL5011

Severity SEVERE

Description An error occurred while loading the EJB class in `getFieldForName` on `EjbDescriptor`.

Action See the stack trace for more information and see if the EJB class is available.

DPL5012

Severity	SEVERE
Description	An error occurred while loading the EJB class in <code>getFieldForName</code> on <code>EjbDescriptor</code> .
Action	See the stack trace for more information and see if the EJB class is available.

DPL5013

Severity	SEVERE
Description	A mail configuration exception occurred while loading the configuration information from the mail resource node in <code>server.xml</code> for the JavaMail session object.
Action	See the stack trace for more information.

DPL5014

Severity	SEVERE
Description	A method not found in <code>ejbDescriptor</code> .
Action	See the stack trace for more information and make sure the EJB bean contains this method.

DPL5015

Severity	SEVERE
Description	The method was not found.
Action	See the stack trace for more information and make sure the EJB bean contains this method.

DPL5016

Severity	WARNING
Description	Unable to instantiate implementation of interface. This is a configuration error.

Action [Analyze the System](#), as described on [page 15](#).

DPL5017

Severity WARNING

Description Unable to instantiate implementation. This is a configuration error.

Action [Analyze the System](#), as described on [page 15](#).

DPL5018

Severity WARNING

Description An error occurred while parsing. This error occurs while translating an input stream containing the XML document into the implementation object for Taglib.

Action See the stack trace for more information and make sure the XML file is valid.

DPL5019

Severity WARNING

Description Illegal argument(s). This warning occurs while constructing the application object from the XML tree (`application.xml`).

Action Make sure the `application.xml` of a particular EAR file is valid.

DPL5020

Severity	SEVERE
Description	SAX Parser cannot parse given stream. This message is sent from the XML parser or the application.
Action	Make sure the <code>application.xml</code> file is valid. If the error occurred from the XML Parser, Analyze the System , as described on page 15 .

DPL5021

Severity	SEVERE
Description	No method found for XML query element. This error occurs when the tags in the <code>ejb-jar.xml</code> file does not have respective query methods.
Action	Make sure the <code>ejb-jar.xml</code> file tags are valid.

DPL5022

Severity	WARNING
Description	Supplied external descriptors are incorrect. This error occurs while adding the EJB JAR file into the application using the given descriptor entry name.
Action	See the stack trace and make sure the specified descriptor entry name (<code>ejb-jar.xml</code>) is available.

DPL5023

Severity	WARNING
Description	Unable to find the class.
Action	See the stack trace for more information.

DPL5024

Severity	WARNING
Description	Unable to expand JAR archive.

Action Make sure there is sufficient disk space and that the user has access permission to the directory.

DPL5025

Severity WARNING

Description An error occurred in the SAX parser configuration.

Action [Analyze the System](#), as described on [page 15](#).

DPL5026

Severity WARNING

Description An exception occurred in the SAX parser. This warning message is sent from either the XML parser or the application.

Action Make sure the archive (ear / jar) XML files are valid. See the stack trace for more information. If the problem persists, [Analyze the System](#), as described on [page 15](#).

DPL5028

Severity SEVERE

Description An exception occurred in `MethodDescriptor.getMethod()`. This error occurs while getting the method from `EjbDescriptor` which contains the meta-information describing EJBs.

Action See the stack trace for more information. Make sure the method name exists in the EJB.

DPL5029

Severity WARNING

Description Unable to read runtime descriptor nodes (XML file for runtime bindings for a J2EE application) from the input stream.

Action [Analyze the System](#), as described on [page 15](#).

DPL5030

Severity	WARNING
Description	Unable to read EJB nodes from the input stream (containing the <code>ejb-jar.xml</code> file).
Action	Make sure the <code>ejb-jar.xml</code> content is valid.

DPL5031

Severity	WARNING
Description	Unable to read the method descriptor nodes (XML format of a method element) from the input stream representing XML.
Action	Analyze the System , as described on page 15 .

DPL5032

Severity	WARNING
Description	An authentication method was not defined in the <code>web.xml</code> descriptor and is therefore using the default, BASIC, for login configuration.
Action	Make sure the <code>web.xml</code> file, <code>login-config</code> element contains the value for <code>auth-method</code> .

DPL5034

Severity	WARNING
Description	An error in the deployment and consequently Rollback failed.
Action	Analyze the System , as described on page 15 .

DPL5035

Severity	WARNING
Description	An error occurred while deploying the EJB module and generating <code>clientStubs</code> .
Action	See the stack trace for more information.

DPL5036

Severity	WARNING
Description	A duplicate entry exists in the JAR archive. This error occurs when two files with the same name are added into the JAR archive while creating the client JAR archive.
Action	Analyze the System , as described on page 15 .

DPL5100

Severity	SEVERE
Description	Unable to generate new source. This error occurs while generating the Java files (<code>EJBHome/EJBObject</code>).
Action	See the stack trace for more information. If you are unable to fix the error, Analyze the System , as described on page 15 .

DPL5101

Severity	SEVERE
Description	Unable to invoke <code>rmic</code> .
Action	Analyze the System , as described on page 15 .

DPL5102

Severity	SEVERE
Description	This error is sent by the <code>rmic</code> compiler while generating stub or skeletons from <code>EJBHome/EJBRemote</code> .
Action	See the stack trace for more information. Analyze the System , as described on page 15 .

DPL5103

Severity	SEVERE
Description	EJBC compilation failed. This error occurs during the compilation of generated Java files (<code>EJBHome/Remote/stub/skeletons</code>).
Action	See the stack trace for more information. Analyze the System , as described on page 15 .

DPL5104

Severity	WARNING
Description	The EJBC code gen required <i>check error</i> . This error occurs when EAR or JAR files are redeployed. The deployment backend checks if the EAR/JAR file and the new EAR/JAR file to be deployed are similar, to determine if deployment backend must regenerate Home/Remote implementation code for an EJB.
Action	Make sure both the new and old <code>ear/jar</code> file exists.

DPL5200

Severity	SEVERE
Description	Unable to invoke <code>rmic</code> . This error occurs when the deployment backend is not able to invoke the <code>rmic</code> .
Action	Analyze the System , as described on page 15 .

DPL5201

Severity	SEVERE
Description	The <code>rmic</code> compilation failed. This error occurs when the generated Java files (<code>EJBHome/Remote</code>) are sent to the <code>rmic</code> for generating stubs/skeletons.
Action	See the stack trace for more information. Analyze the System , as described on page 15 .

DPL5202

Severity	SEVERE
Description	An exception occurred while compiling the EJB. This error occurs when compiling the generated Java files (<code>EJBHome/EJBRemote</code>).
Action	Analyze the System , as described on page 15 .

DPL5203

Severity	WARNING
Description	The output JAR file already exists. This error occurs while generating the <code>jar</code> for this application and the JAR file with the same name exists.
Action	Check if the application <code>Cooked.jar</code> exists where the <code>GeneratorDriver</code> is running.

DPL5204

Severity	WARNING
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Description	An exception occurred while loading the class. This exception occurs while loading the stubs/skeletons of home/interface classes in EAR.
Action	Analyze the System , as described on page 15 .

DPL5205

Severity	SEVERE
Description	An exception occurred while generating EJB. This error occurs while running <code>rmic</code> on generated Java (EJBHome/EJBRemote)files.
Action	See the stack trace for more information.

DPL5206

Severity	SEVERE
Description	This error occurs either while loading the bean implementation class or while loading the stubs for all the EJBHome/EJBRemote classes in the JAR.
Action	Make sure the bean implementation class is present in the JAR. If the problem persists, Analyze the System , as described on page 15 .

DPL5207

Severity	SEVERE
Description	An IO exception occurred. This error occurs when the deployment backend (GeneratorDriver) tries to get an application object representing the EAR file.
Action	Make sure the <code>application.xml</code> file is present in ear file.

DPL5208

Severity	SEVERE
Description	An exception occurred.
Action	See the stack trace for more information.

DPL5209

Severity	WARNING
Description	This exception occurs when the deployment backend adds generated files (EJBHome/EJBObject) to the generated file list.
Action	See the stack trace for more information.

DPL5210

Severity	SEVERE
Description	An error occurred while generating code. This error occurs when the deployment backend runs the generator to generates files for EJBHome/EJBObject.
Action	See the stack trace for more information.

DPL5211

Severity	SEVERE
Description	An error occurred while setting the message status. This error occurs when the deployment client (remote/local) sends a request to the deployment backend and the backend sends a message to the client requesting the status. This is a communication related exception that occurs during the execution of remote method call.
Action	Analyze the System , as described on page 15 .

DPL5212

Severity	WARNING
Description	This error occurs when the deployment client (remote/local) sends a request to the deployment backend and the backend sends a notification event to the client. This is a communication related exception that occurs during the execution of remote method call.
Action	Analyze the System , as described on page 15 .

DPL

Java Transaction API

This chapter lists error messages that originate from the Java transaction APIs.

DTX

Transaction processing in J2EE involves the following five participants: Transaction Manager, Application Server, Resource Manager(s), Resource Adapter(s) and the User Application. Each of these entities contribute to reliable transaction processing, by implementing different APIs and functionalities.

This chapter contains error messages that occur in the DTX system.

DTX5001

Severity	SEVERE
Description	An internal error occurred while enlisting a resource with the transaction.
Action	Analyze the System , as described on page 15 .

DTX5002

Severity	SEVERE
Description	An internal error occurred while delisting a resource with the transaction.
Action	Analyze the System , as described on page 15 .

DTX5003

Severity	SEVERE
Description	An internal error occurred while registering synchronization with the transaction.
Action	Analyze the System , as described on page 15 .

DTX5004

Severity	SEVERE
Description	An exception occurred while trying to start the transaction.
Action	See the exception data for more details. Make sure the application is not trying to start a transaction when an active transaction is already running.

DTX5005

Severity	SEVERE
Description	An exception occurred while trying to <i>commit</i> the transaction.
Action	See the exception data for more information on the exception.

DTX5006

Severity	SEVERE
Description	An exception occurred while trying to <i>rollback</i> the transaction.
Action	See the exception data for more details.

Enterprise Java Beans

This chapter lists error messages that originate from the enterprise java bean subsystem.

EJB

An enterprise java bean (EJB) is a server-side component that encapsulates the business logic of an application. The business logic is the code that fulfills the purpose of the application.

EJB5013

Severity	SEVERE
Description	An internal EJB exception occurred.
Action	Analyze the System , as described on page 15 with the stack trace information.

EJB5014

Severity	SEVERE
Description	An internal exception occurred while resolving an object.
Action	Analyze the System , as described on page 15 with the stack trace information.

EJB5016

Severity	SEVERE
Description	An exception occurred while creating <code>BaseContainer</code> . Possible reasons are: <ul style="list-style-type: none"> • The <code>ejbObject</code> class/home interface, or class/remote interface class could not be loaded. • An exception occurred while trying to bind the objects into the Naming manager.
Action	More information on the exception can be obtained from the log file. Correct the problem and redeploy the application.

EJB5017

Severity	SEVERE
Description	An exception occurred while running <code>preinvoke</code> .
Action	Analyze the System , as described on page 15 with the stack trace information.

EJB5020

Severity	WARNING
Description	An exception occurred while unregistering <code>monitormbean</code> . This exception occurs if the <code>MBean</code> is not registered for a particular EJB. Another reason may be incorrectly unregistering from the <code>MBean</code> server.
Action	Make sure that the <code>MBean</code> is not registered for a particular EJB. Ensure that you unregister from the <code>MBean</code> server correctly.

EJB5021

Severity	SEVERE
Description	The session bean transaction is incomplete.
Action	A transaction started within a method of the stateless session bean must be completed before leaving the method. Check the application code and correct the problem.

EJB5022

Severity	SEVERE
Description	Message driven bean transaction is incomplete.
Action	A transaction started within a method of a Message Driven Bean must be completed before leaving the method. Check the application code and correct the problem.

EJB5023

Severity	SEVERE
Description	An exception occurred while registering <code>monitormbean</code> .
Action	An <code>MBean</code> with a similar configuration is already registered or an error occurred while registering the bean with the <code>MBean</code> server.

EJB5024

Severity	WARNING
Description	An exception occurred while registering child <code>monitormbean</code> in the pool/cache to the monitoring bean.
Action	Refer the stack trace for details. If you are unable to fix the error, Analyze the System , as described on page 15 with the stack trace information.

EJB5025

Severity	WARNING
Description	An internal exception occurred while releasing EJB context back to the pool.
Action	Refer the stack trace for details on how to correct the problem. If you are unable to fix the error, Analyze the System , as described on page 15 with the stack trace information.

EJB5026

Severity	SEVERE
Description	An exception occurred while removing the EJB local object. When the <code>ejbRemove()</code> method of the bean was called, the method sent a <code>RemoveException</code> .
Action	Check the application code.

EJB5027

Severity	SEVERE
Description	<p>An exception occurred while removing the EJB.</p> <p>When the <code>ejbRemove()</code> method of the bean was called, the method sent an exception.</p>
Action	Check the stack trace information to correct the problem. If you still get the error, Analyze the System , as described on page 15 with the stack trace information.

EJB5028

Severity	SEVERE
Description	An exception occurred while getting the EJB local object. Possible reason could be, an EJB object instance could not be created.
Action	Make sure that the bean class is defined as public and has a default constructor.

EJB5029

Severity	SEVERE
Description	An exception occurred while getting the EJB context. Possible reasons could be, an EJB object instance could not be created.
Action	Make sure that the bean class is defined as public and has a default constructor.

EJB5030

Severity	SEVERE
Description	An exception occurred while comparing homes and primary keys of two EJBs.
Action	Make sure that the <code>EJBObject</code> passed as parameter to the <code>isIdentical</code> method is not null.

EJB5031

Severity	SEVERE
Description	A remote exception occurred while refreshing a Read Only bean or the bean name was incorrectly specified.
Action	Make sure the bean is not a remote object or a Read Only bean. Check the code to specify the correct bean name. If the bean does not provide a remote interface, use the <code>getReadOnlyBeanLocalNotifier</code> to refresh the local Read Only bean. Otherwise, set the <code>is-read-only-bean</code> to <code>true</code> in the <code>sun-ejb-jar.xml</code> file.

EJB5032

Severity	SEVERE
Description	An exception occurred while creating a new bean. Possible reason could be, a bean instance could not be created.
Action	Make sure the bean class is defined as public and has a default constructor.

EJB5058

Severity	SEVERE
Description	The passivation directory could not be created. This occurs if you do not have Write access permission to the directory pointed by the <code>session-store</code> element in the <code>server.xml</code> of the server instance.
Action	Make sure you have Write access permission to the directory pointed by the <code>session-store</code> element in the <code>server.xml</code> of the server instance

EJB5059

Severity	SEVERE
Description	An exception occurred while creating a new bean. Possible reason could be, a bean instance that could not be created.
Action	Make sure the bean class is defined as public and has a default constructor.

EJB5060

Severity	SEVERE
Description	An exception occurred while creating a new bean. Possible reason could be, a bean instance that could not be created.
Action	Make sure the bean class is defined as public and has a default constructor.

EJB5061

Severity	SEVERE
Description	Unable to call <code>remove</code> on the <code>statefulsession</code> bean. The bean may be removed due to time-out.
Action	Set higher values for <code>removal-timeout</code> in <code>server.xml</code> . If you still get this error, Analyze the System , as described on page 15 with the server log and stack trace information.

EJB5062

Severity	SEVERE
Description	An exception occurred while removing the bean.
Action	Set higher values for <code>removal-timeout</code> in <code>server.xml</code> . If you still get this error, Analyze the System , as described on page 15 with the server log and stack trace information.

EJB5063

Severity	SEVERE
Description	Unable to call <code>remove</code> on the stateful session bean. The bean may be removed due to time-out.
Action	Set higher values for <code>removal-timeout</code> in <code>server.xml</code> . If you still get this error, Analyze the System , as described on page 15 with the server log and stack trace information.

EJB5064

Severity	SEVERE
Description	An exception occurred in the code implementing the <code>afterCompletion</code> method of the <code>SessionSynchronization</code> interface.
Action	Look at the <code>afterCompletion</code> code in your session bean that implements the <code>SessionSynchronization</code> interface.

EJB5066

Severity	SEVERE
Description	An exception occurred in the <code>ejbRemove()</code> method of the <code>Stateful</code> session bean, other than <code>EJBException</code> or <code>EJBRemoveException</code> .
Action	See the log file that contains the stack trace describing the cause of the exception. If you still get this error, Analyze the System , as described on page 15 with the stack trace information.

EJB5069

Severity	SEVERE
Description	An exception occurred getting the <code>ejbcreate()</code> method.
Action	Analyze the System , as described on page 15 with the stack trace information.

EJB5070

Severity	SEVERE
Description	An exception occurred while creating stateless session bean.
Action	See the log file that contains the stack trace describing the cause of the exception. If this error occurs again, Analyze the System , as described on page 15 .

EJB5071

Severity	SEVERE
Description	A remote or transactional roll back exception occurred when the container attempted to commit or rollback the transaction. Typically, a database failure (like database server crash) causes this failure.
Action	See the stack trace for more information.

EJB5103

Severity	SEVERE
Description	An exception occurred in <code>releaseContext</code> .
Action	Analyze the System , as described on page 15 with the stack trace information.

EJB5105

Severity	WARNING
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Description	An exception occurred in <code>createContainer</code> .
Action	Analyze the System , as described on page 15 with the stack trace information.

EJB5106

Severity	WARNING
Description	An exception occurred in <code>EntityContainer</code> .
Action	Analyze the System , as described on page 15 with the stack trace information.

EJB

Failover Group

This chapter lists error messages that originate in a cluster failover group.

FGRP

FGRP1001

Severity	WARNING
Description	Two instances are having the same name which is not allowed.
Action	Check the loadbalancer.xml for duplicate instance names and correct it.

FGRP1002

Severity	SEVERE
Description	Internal error
Action	Restart the server.

FGRP1004

Severity	WARNING
Description	Internal error
Action	Restart the server.

FGRP1005

Severity	SEVERE
Description	Internal error
Action	Restart the server.

FGRP1007

Severity	SEVERE
Description	Internal error
Action	Restart the server.

FGRP1008

Severity	SEVERE
Description	Internal error
Action	Restart the server.

High-Availability Database

This chapter lists error messages that originate from the HADB.

HADB

HADB00000

Description	Operation completed successfully.
Action	None.

HADB00208

Description	An operation within the current transaction failed and the transaction was aborted.
Action	Retry the transaction.

HADB00216

Description	A concurrent table-changing operation, such as a refragmentation, an index creation or deletion, or a table extension, has changed the dictionary version of the database. The user transaction is depending on the old dictionary version, and had to be aborted.
Action	Retry the transaction.

HADB00224

Description	The operation timed out. The transaction controller did not receive a reply on time, from one or more of the participating nodes.
Action	The possible reasons for this could be: <ul style="list-style-type: none">• Lock contention• High load• Node is inactive• Lack of resources for executing the operation.

HADB00512

Description	When starting or restarting a node, the Node Supervisor (NUSP) attempted to start a process, but there are indications that this process is already running. The most common occurrence of this is that the UDP port assigned to the process is occupied.
Action	Check the offending computer for processes that own the UDP port. If the process that cannot be started is running, stop it manually.

HADB00560

Description	Illegal internet address format. Error when connecting to the network address of a server process. This may be caused by an invalid network address or non-existing hostname.
Action	Verify that the network addresses being used when creating a database exists.

HADB00582

Description	Failed to free message information object. This is an internal consistency message. The process attempted to free a pool of objects for information about communication messages, but there are allocated objects in the pool.
Action	If this message occurs during shutdown of a node or database, it can be ignored. Otherwise, Analyze the System , as described on page 15 .

HADB00583

- Description** Out of Message Descriptor objects for sending messages. This error may occur when a server process attempts to allocate more than 100000 message descriptors.
- Action** [Analyze the System](#), as described on [page 15](#).. It is very unlikely that a process will allocate this many message descriptors during normal operation.

HADB00584

- Description** Failed to free Message Descriptor object. Internal consistency message. The process attempted to free a pool of descriptor objects for communication messages, but there are allocated objects in the pool.
- Action** If this message occurs during shutdown of a node or database, it can be ignored. Otherwise, [Analyze the System](#), as described on [page 15](#)..

HADB00624

- Description** Too many ports used. Server process has exhausted its pool of network port objects. This is typically caused by the server process attempting to create too many network connections over a short period of time. This occurs when a large number of SQL client connections arrives almost simultaneously.
- Action** Try to decrease the arrival rate of SQL client connections, or distribute the load over more database nodes. If this is not possible, [Analyze the System](#), as described on [page 15](#)..

HADB00832

- Description** Message out of sequence with respect to the current state has been received by a server or client process.
- Action** Spurious errors can be safely ignored. If numerous errors occur during a short interval, [Analyze the System](#), as described on [page 15](#)..

HADB00848

- Description** This message is reported when you attempt to run server processes belonging to different versions of HADB software to support one database. Client programs running a software version different from the server versions is usually safe, unless specified in the release notes.
- Action** Upgrade all server software for a database to run the same software version.

HADB00916

- Description** This is an internal message that is used to synchronize internal processing of SQL commands. Due to some unresolved error, this error message will occasionally be sent to an application client, instead of a more specific user error. This problem will be resolved in future releases of HADB.
- Action** Retry the operation.

HADB01040

- Description** This error may occur when an application attempts to retrieve data from a table while the table is being refragmented.
- Action** Rollback the transaction and retry.

HADB01521

- Description** No space left on the device. The database was unable to allocate more space on a storage device.
- Action** Check the available device space on the offending database node and determine the device that lacks space. Reclaim free space on the device, if possible. If you determine that you need to upgrade the node with more storage space, follow the procedure documented in the *Administrator's Guide*. Note that because most HADB instances are configured so that storage space is allocated evenly and distributed over the nodes, it is likely that other nodes will report the same error.

HADB01536

- Severity**

Description	Unknown error during asynchronous operation. Attempting to read data from or write data to a file failed. An operating system specific error code is usually also displayed in an adjacent message. A normal reason is damaged storage devices.
Action	Replace damaged storage devices, if any. Follow procedures in the <i>Administrator's Guide</i> in order to reconstruct missing configurations and data.

HADB01552

Description	Too many active transaction objects allocated at this node. Each active session may have an active transaction object. In addition, the transaction controller keeps a number of objects corresponding to transactions that have committed but not yet terminated due to incomplete slave cleanup work.
Action	Increase the maximum number of sessions allowed per node. This will also cause a corresponding increase in the number of available transaction objects.

HADB01600

Description	Log buffer full. This error may occur if the tuple log buffer or node-internal log buffer is too small for the applied load. When this occurs, the history files should contain information messages containing the text "HIGH LOAD" that gives a more precise description of the resource problem.
Action	Refer to the <i>Troubleshooting Guide</i> for information on how to tune the system to avoid resource problems.

HADB01616

Description	This error may occur during repair or refragmentation operation if the node has a regular node that fills the log faster than the repair/refragmentation operation can process. You are likely to see HIGH LOAD messages in the history files, meaning that the internal resource control attempts to reduce the regular node.
Action	If this happens during a refragmentation operation, retry the operations, preferably at a time with less regular database load. If this happens during a repair, the repair is automatically retried. If the repair fails repeatedly, Analyze the System , as described on page 15 ..

HADB01664

Description	No checkpoint log record found. The node recovery procedure failed because it was unable to find a valid checkpoint in either the node-internal log or the tuple log on that node. This may happen if the node fails very early after it started.
Action	No action to be taken. The node supervisor catches this error and automatically initiates a repair from the mirror node.

HADB01696

Description	<p>Too many replicas. The pool of replica descriptors on the processing node has been exhausted. Generally, the maximum number of replicas can be calculated as the sum of replicas for each table in the database.</p> <p>For a table, the number of replicas is two multiplied by the number of nodes the table is fragmented over. The maximum number of replicas is currently fixed to 8800. Note that the required number of replicas increases when new nodes are added to a database.</p>
Action	Remove unused tables from the database. If the error occurs again, Analyze the System , as described on page 15 ..

HADB01920

Description	Inconsistent B-tree. This error indicates an inconsistency in one of the table fragments stored at the node.
Action	This error usually causes the node to abort, which eventually causes a repair of all data from the mirror node. Hence, no action is usually required.

HADB02000

Description	Requested fragment not found. No replicas were found for some of the fragments of a table. This indicates a pair node failure, and disaster recovery is probably needed.
Action	See the <i>Administrator's Guide</i> for information on how to recover from session data corruption.

HADB02016

Description	No replicas were found for one or more of the fragments of a table. This indicates a pair node failure, and disaster recovery is probably needed.
Action	See the <i>Administrator's Guide</i> for information on how to recover from session data corruption.

HADB02064

Description	One fragment replica has changed the role during operation, probably from primary to hot-standby. This may occur when the mirror node is restarted during the operation, reclaiming the primary replica of the fragment. The transaction is rolled back.
Action	Retry the transaction.

HADB02078

Description	Wrong dictionary version number. The dictionary version that the client views is too old compared to the current global dictionary. This can be a problem for long transactions when other clients perform repeated dictionary-changing operations.
Action	Rollback the current transaction and retry.

HADB02079

Description	Version limit test failed. Version check performed on computing slave detected a transient mismatch between the global state of the dictionary and the state of a fragment at that particular slave. This may happen in rare circumstances when applying modifications to a table or creating or dropping indexes for a table.
Action	Rollback the current transaction and retry.

HADB02080

Description	Too many locks set, out of request objects.
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Action Increase the maximum number of concurrent locks by modifying the hadbm variable, `NumberOfLocks`. Modify the application so that it sets fewer concurrent locks. For example, split a session into more transactions, or by reduce the transaction isolation level from Repeatable Read to Read Committed.

HADB02096

Description Too many locks held concurrently.

Action Increase the maximum number of concurrent locks by modifying the hadbm variable, `NumberOfLocks`. Modify the application so that it sets fewer concurrent locks. For example, split a session into more transactions, or by reduce the transaction isolation level from Repeatable Read to Read Committed.

HADB02097

Description Upgrade from shared to exclusive lock failed. An update to a record failed because the updating transaction was not the only transaction holding a shared lock on the record.

Action Rollback the transaction and retry. In severe cases, you may try to run conflicting applications at different times of day, or reprogram applications so that they access and lock data so that no lock upgrades are required.

HADB02168

Description Execution terminated at slave involved in takeover. Transaction failed because a node takeover operation has occurred during transaction execution. A node takeover operation means that one or more replicas at one of the involved node changed role from primary to hot-standby, or vice versa. This error may also occur if a transaction is attempting to access a table that is being refragmented by another transaction. The transaction is automatically rolled back.

Action Retry the transaction.

HADB02272

Description Too many clients. Attempted to start too many database sessions at this transaction controller.

Action Try to connect to another transaction controller (you may have to replace the connect string), or increase the size of the hadbm variable, `NumberOfSessions`.

HADB02304

Description Session has been disconnected. The transaction controller has decided to assign the session object that was allocated to your session, to another client. A session object may be reused if there is no activity within 60 seconds, and another client requests a new database session.

Action The immediate action should be to reconnect with the database and retry the transaction. If this problem occurs often, you should increase the size of the hadbm variable, `NumberOfSessions`.

HADB02320

Description TCON does not accept clients. The database node has not completed initial start or restart.

Action Wait a short while and retry to connect to the database. If this situation persists, the offending database node has entered an invalid state. Manually restarting the node using `hadbm restartnode` may help to resolve the problem.

HADB02464

Description Amnesia. The process has run out of virtual or physical memory. This is similar to the error, [HADB04096](#).

Action Increase the available memory by adding swap size or more physical memory to the computer. You may also decrease the memory consumption on the computer by moving services to another computer or decreasing the sizes of the memory buffers, for example, `DataBufferPoolSize` or `LogbufferSize`.

HADB03104

Description Bad slave. This error means that one of the slave nodes involved in the transaction has failed during the transaction execution. The transaction is rolled back.

Action Retry the transaction.

HADB03504

Description	Node involved in current operation failed. This error means that one of the slave nodes involved in the transaction has failed during the transaction execution. The transaction is rolled back.
Action	Retry the transaction. You may have to investigate the cause of node failure, in case the node is not automatically restarted. This will probably involve reading history log files on the database node.

HADB03505

Description	A relational algebra server process that was involved in the processing of a relational algebra query has failed. This error should be detected by the node supervisor, which will immediately restart a new relational algebra server.
Action	Retry the operation. If the error persists, Analyze the System , as described on page 15 ..

HADB03508

Description	All relational algebra server processes defined for the database have failed, and the request cannot be processed.
Action	You may retry the operation at a later time, but a more likely action is to investigate why all relational algebra server processes have failed simultaneously. This will probably involve reading history log files on the database nodes, or Analyze the System , as described on page 15 ..

HADB03840

Description	No replicas were found for one of the fragments of a table. This indicates a pair node failure, and disaster recovery is probably needed.
Action	See the <i>Administrator's Guide</i> for description of how to recover from session data corruption, for possible actions.

HADB04096

Description	Out of space. The process has run out of virtual or physical memory. This is similar to error HADB02464 .
Action	Increase the available memory by adding swap size or more physical memory to the computer. You may also decrease the memory consumption on the computer by moving services to another computer or decreasing the sizes of the memory buffers. For example, <code>DataBufferPoolSize</code> or <code>LogbufferSize</code> .

HADB04362

Description	Too many tables. The maximum number of tables that can be created in the database dictionary has been reached.
Action	Increase the value of the <code>hadbm</code> variable, <code>MaxTables</code> , or remove unused existing tables, before retrying the create table operation.

HADB04576

Description	Client held transaction open for too long. The transaction controller has rolled back the transaction because it was idle a too long time.
Action	You can specify a longer transaction idle time from the client. In the JDBC, set the property <code>maxtransidle</code> . In the ODBC, set the ODBC <code>ini</code> string <code>maxtransidle</code> . In <code>Clusql</code> , use the SQL command <code>SET TRANSACTION IDLETIME</code> . A likely cause of this error may be that the previous transaction was not committed.

HADB04592

Description	No free blocks on data devices. The data device(s) of one or more nodes involved in the operation has no more free blocks. This is a critical operational error that calls for immediate action.
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- Action** You must always locate node(s) having no free blocks. Use the command `hadbm deviceinfo` and look for nodes that have a low number of free blocks. Note that because HADB tries to spread data evenly across all active nodes, it is likely that all nodes will reach critical storage space situation almost simultaneously. To resolve the problem, try one or more of the following procedures:
- Reclaim storage space by removing unused tables.
 - Extend existing devices by increasing the value of the `hadbm` variable `TotalDataDeviceSizePerNode`. (You need to verify that the disk devices have sufficient free space before executing this procedure).

HADB04593

- Description** No unreserved blocks on data devices. The data device(s) of one or more nodes involved in the operation has no more unreserved blocks. To a user, this error is similar to error [HADB04592](#). This is a critical operational error that calls for immediate action.
- Action** You must always locate node(s) having no free blocks. Use the command `hadbm deviceinfo` and look for nodes that have a low number of free blocks. Note that because HADB tries to spread data evenly across all active nodes, it is likely that all nodes will reach critical storage space situation almost simultaneously. To resolve the problem, try one or more of the following procedures:
- Reclaim storage space by removing unused tables.
 - Extend existing devices by increasing the value of the `hadbm` variable `TotalDataDeviceSizePerNode`. (You need to verify that the disk devices have sufficient free space before executing this procedure).

HADB04640

- Description** Refrag table requires all nodes to be up and running. A refragmentation requires that all the nodes involved in the operation (both in the old and the new node group) are running.
- Action** Make sure that all nodes are active and retry the operation, or refragment to a set of nodes that are running.

HADB04656

Description	A backup or restore operation, or a table creation, deletion or modification operation cannot be started when a backup operation is active inside the database.
Action	Wait until the current backup operation is finished.

HADB04672

Description	A backup or restore operation cannot be started when a restore operation is already active inside the database.
Action	Wait until the current backup operation is finished.

HADB04688

Description	Node-internal log buffer too small. The database node failed to start because the node-internal log buffer is too small.
Action	Set the size of the node-internal log buffer (hadbm variable <code>InternalLogBufferSize</code>) as outlined in the <i>Administrator's Guide</i> .

HADB04752

Description	Too many fragment replicas at one node. When creating a table, you cannot specify more fragments than the number of nodes it is created over. It is not allowed to create more than one primary fragment per node.
Action	Reduce the number of fragments in the create table statement so that it is not greater than the number of nodes in the nodegroup.

HADB04768

Description	No backup service available at node. The backup or restore operation cannot be started because there is no backup service available at the specified node.
Action	Start the operation where a backup service is active.

HADB05500

- Description** An attempt to open or create a file failed. The error message includes the name of the file and an operating system-specific error code. Normal reasons for this error are file not found or permission denied, and these reasons indicate misconfigurations or damaged storage devices.
- Action** A misconfiguration must be resolved by following procedures documented in the *Administrator's Guide*, possibly by re-applying the offending command with the correct file name(s).

HADB05501

- Description** An attempt to close a file failed. The error message includes an operating system-specific error code.
- Action** [Analyze the System](#), as described on [page 15](#)..

HADB05502

- Description** An attempt to read a file failed. The error message includes an operating system-specific error code. Normal reasons for this error are damaged storage devices.
- Action** You need to replace possible damaged storage devices. Follow procedures in the *Administrator's Guide* to reconstruct missing configurations and data.

HADB05503

- Description** An attempt to write data to a file failed. The error message includes an operating system-specific error code. Normal reasons for this error are damaged storage devices.
- Action** You need to replace possible damaged storage devices. Follow procedures in the *Administrator's Guide* to reconstruct missing configurations and data.

HADB05504

Description	A control operation on an open file failed. The error message includes an operating system-specific error code. Possible reasons for this error are unavailable remote storage devices.
Action	Try to resolve this problem using the operating system documentation. If you are unable to do so, Analyze the System , as described on page 15 .

HADB05505

Description	An attempt to execute a file failed. The Node Supervisor (NSUP) attempted to create a new server process, but failed to execute a new program image. The error message includes the name of the file and an operating system-specific error code. The most likely causes for this error are lack of physical or virtual memory or an incorrect path to the executable program.
Action	Install more physical memory on the computer. Increase the swap space available for the computer. Reduce the load on the computer, such as by moving HADB nodes or other computing services to other computers. Check that the path to the executable program that NSUP tries to start is valid.

HADB05506

Description	An attempt to perform an asynchronous operation on a file failed. The error message includes an operating system-specific error code. Normal reasons for this error are damaged storage devices.
Action	You need to replace possible damaged storage devices. Follow procedures in the <i>Administrator's Guide</i> to reconstruct missing configurations and data.

HADB05510

Description	Creating or getting access to an existing shared memory segment failed. The error message includes an operating system-specific error code. Possible problems include: the segment already exists (if a previous instance was not completely cleaned up, or another application uses the same shared memory key), access problems (also if the segment already exists), lack of memory (that is, there is not sufficient virtual or physical memory to create the segment), or maximum shared memory segment size is configured too small for the requested segment size.
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- Action** Make sure that old instances have been properly cleaned up. Make sure that other applications does not use the same shared memory key. Use the command `ipcs(1)` to list the existing shared memory segments. You may have to define a different shared memory segment key for HADB nodes (see *Administrator's Guide*). You may have to add physical or virtual memory to the computer, or move HADB instances to other computers. You may have to increase the maximum shared memory size for the computer (see the *Installation Guide*).

HADB05511

- Description** A control operation on a shared memory segment, such as retrieving the size of the segment or removing the segment, failed. The error message includes an operating system-specific error code.
- Action** Consult the operating system documentation for information on how to resolve this problem.

HADB05512

- Description** Attaching a process to a shared memory segment failed. The error message includes an operating system-specific error code. This error may indicate that there is not enough physical or virtual memory to map the memory segment.
- Action** Consult the operating system documentation for information on how to resolve this problem. You may have to increase the physical memory on the computer, or increase the swap space. You may also work around the problem by reducing the HADB data or log buffer sizes.

HADB05513

- Description** Detaching a process from a shared memory segment failed. The error message includes an operating system-specific error code. There are no common reasons for this error.
- Action** Consult the operating system documentation for information on how to resolve this problem.

HADB05514

Description	A control operation on a shared memory segment failed. The error message includes an operating system-specific error code. There are no common reasons for this error.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05520

Description	Creating a semaphore failed. The error message includes an operating system-specific error code. The error code may indicate a lack of semaphore resources or that you tried to create a semaphore that already exists.
Action	You may have to increase the number of semaphore resources on your computer. Instructions are provided in the <i>Installation Guide</i> . Otherwise, consult the operating system documentation for information on how to resolve this problem.

HADB05521

Description	An operation on a semaphore, such as obtaining the status of a semaphore or acquiring or releasing a semaphore, failed. The error message includes an operating system-specific error code. This error code may indicate a lack of semaphore resources.
Action	You may have to increase the number of semaphore resources on your computer. Instructions are provided in the <i>Installation Guide</i> . Otherwise, consult the operating system documentation for information on how to resolve this problem.

HADB05522

Description	Removing a semaphore failed. The error message includes an operating system-specific error code.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05530

Description	Creating a socket failed. The operating system error code associated with this error indicates the problem. Most likely this is a resource problem, such as the pool of socket descriptors is full.
Action	The operating system error code determines the action to take.

HADB05531

Description	A control operation on a socket failed. The operating system error code associated with this error indicates the problem.
Action	The operating system error code determines the action to take.

HADB05532

Description	Removing a socket failed. The operating system error code associated with this error indicates the problem.
Action	The operating system error code determines the action to take.

HADB05533

Description	An attempt to receive data on a UDP port failed. The error message displays an operating system-specific error code.
Action	Check the operating system-specific error code for information about the error.

HADB05534

Description	An attempt to send data on a UDP port failed. The error message displays an operating system-specific error code.
Action	Check the operating system-specific error code for specific information about the error.

HADB05540

Description	Creating a message queue failed. The error message displays an operating system-specific error code, which may indicate insufficient message queue resources or you tried to create a message queue with a key that already in use.
Action	You may have to increase the number of message queue resources on your computer. Instructions are provided in the <i>Installation Guide</i> . Otherwise, consult the operating system documentation for information on how to resolve this problem.

HADB05541

Description	Removing a message queue failed. The error message displays an operating system-specific error code.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05542

Description	Sending a message to a message queue failed. The error message displays an operating system-specific error code.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05543

Description	Receiving a message from a message queue failed. The error message displays an operating system-specific error code.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05544

Description	A control operation on a message queue failed. The error message displays an operating system-specific error code.
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Action Consult the operating system documentation for information on how to resolve this problem.

HADB05550

Description A call to an operating system routine failed. The error message displays the name of the routine as well as the operating system error code.

Action Consult the operating system documentation for information on how to resolve this problem.

HADB05551

Description Creating a process failed. The Node Supervisor (NUSP) attempted to create a new server process, but failed to fork a new process. The most likely errors are lack of process slots and lack of physical or virtual memory.

Action Increase the number of processes and reboot the system. Install more physical memory on the computer. Increase the swap space available for the computer. Reduce the load on the computer, such as by moving HADB nodes or other computing services to other computers.

HADB05552

Description Looking up the address of an Internet resource specified with Internet address and port number failed. The error message displays an operating system-specific error code.

Action Consult the operating system documentation for information on how to resolve this problem.

HADB05570

Description Creating a thread inside a multi-threaded process failed. The error message displays an operating system-specific error code.

Action Consult the operating system documentation for information on how to resolve this problem.

HADB05571

Description	Destroying a thread inside a multi-threaded process failed. The error message displays an operating system-specific error code.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05572

Description	A synchronization operation on a thread inside a multi-threaded process failed. The error message displays an operating system-specific error code.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05573

Description	Sending a continuation signal to a thread inside a multi-threaded process failed. The error message displays an operating system-specific error code.
Action	Consult the operating system documentation for information on how to resolve this problem.

HADB05580

Description	Allocating a segment of memory failed. The error message displays an operating system-specific error code.
Action	You may have to increase the physical memory or swap space associated with the computer.

HADB11110

Description	Sequential file is damaged. The sequential file being read is unreadable. This may occur if the file being read is assumed to be a text file but is actually a binary file, if the file has been truncated in the middle of a logical record, and so on.
Action	The file that you are trying to read is not usable. You need to find the appropriate file or reconstruct the file from other sources.

HADB11112

- Description** The file or file system containing the relational algebra temporary storage device is full, and no more blocks can be allocated from it. You may move the storage device to a larger disk.
- Action** You must create a larger file for the relational algebra temporary storage device. You may need to allocate a larger storage device, if the currently allocated space is insufficient.

HADB11304

- Description** Record is too large. The row to be inserted or updated is greater than 8080 bytes.
- Action** If you have control over the database schema, consider to split the offending table in two, or convert some large character or binary columns into CLOB or BLOB columns. If you do not have control over the database schema, consider truncating some of the variable-sized fields in the row, or inform the application provider of this problem.

HADB11309

- Description** Too many statement handles allocated. The database session attempted to allocate more than 8000 statement handles.
- Action** Make sure that you close the statement handles when they are no longer used.

HADB11311

- Description** Unique index could not be created. There are duplicate values in columns specified in a `CREATE UNIQUE INDEX` statement. The index could not be created.
- Action** Remove duplicate values from the table. Create a non-unique index instead of a unique index.

HADB11320

- Description** Key is too large. The row to be inserted or updated has a primary key that is greater than 1024 bytes, or the secondary key fields of the row (for any secondary index), are greater than 1024 bytes.

Action If you have control over the database schema, consider to use a different primary key definition, or remove secondary indexes created over very large columns. If you do not have control over the database schema, consider truncating some of the variable-sized fields in the row, or inform the application provider of this problem.

HADB11402

Description String not terminated. A string must be enclosed in single quotes. A delimited identifier must be enclosed in double quotes. The last quote is missing in the current statement.

Action Make sure that the string is terminated with a single quote or double quote character.

HADB11403

Description Illegal special character. The specified character cannot be used in this context. Apart from alphabetic and numeric characters, the following characters are allowed outside of character strings in the SQL syntax: ' _', '#', '<', '>', '=', '.', ',', ';', ':', '"', '"', '?', '+', '-', '*', '/', '%', '[', '\', '(', ')', '[', ']', space character.

Action Make sure that your SQL string contains only valid special characters.

HADB11404

Description Specified string argument is too long. The string argument supplied is longer than 32000 characters.

Action Make sure that the string argument is not longer than the limit.

HADB11405

Description String is too long.

Action A string specified in the statement is longer than the allowed maximum size. Filenames can be maximum 256 characters wide.

HADB11406

Description	Syntax error in symbol specification. A syntactical error was found in the supplied text argument. A hexadecimal constant value was not terminated with a quote character.
Action	Make sure that the symbol has proper syntax.

HADB11407

Description	Non-delimiter token must be followed by a delimiter token or separator. The statement contains two consecutive non-delimiter tokens which must have an intermittent separator, such as a space character or a line break.
Action	Insert appropriate separators between non-delimiter tokens.

HADB11521

Description	Table definition has changed, prepared statement invalid. The SQL server was not able to automatically re-prepare a statement. The layout of one or more tables that are part of the statement has changed, and, when preparing the statement, it was found that the types of columns selected from the tables had changed.
Action	You must terminate and restart the application.

HADB11601

Description	Invalid user password. Login not accepted because user name or password is incorrect.
Action	Add the missing user name and password to the database, or use the correct user name and password combination.

HADB11602

Description	An operation that requires auto commit mode was attempted in the manual commit mode. Operations that require auto commit mode are: <ul style="list-style-type: none">• create/drop index• table refragmentation
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Action Set the connection to `autocommit` mode, and retry the operation.

HADB11608

Description Too many users, login rejected The defined maximum number of users are already logged in to the database. Wait some time before trying a new login. Contact the database administrator (DBA) if this situation persists. You may need to increase the database configuration attribute `NumberOfSessions`.

Action Reconfigure the HADB to allow more user connections. Ensure that all clients disconnect from the HADB properly before terminating. A client which exits without closing the connection to HADB occupies resources until HADB decides to time-out the connection. The default timeout is 30 minutes of idle time.

HADB11619

Description Too many global table descriptors. Space is exhausted in the shared memory segment used for SQL dictionary cache. The SQL query cannot be prepared or executed. Note that this memory segment is shared between all connections on a given HADB node.

Action Change the application(s) to use fewer tables, or increase the size of the dictionary cache.

HADB11646

Description The maximum total line length has been exceeded. The maximum length is 32000 characters. Note that in order to have lines longer than 255 characters, you need to split them up into several lines no longer than 255 characters and terminate the last line with a semicolon.

Action Rewrite the SQL query.

HADB11657

Description Reported by `clusql` if it reaches end-of-file before reading the SQL query termination token `“;”`. Query will not be prepared or executed.

Action Terminate all queries with `“;”`.

HADB11662

- Description** Invalid transaction state.
An attempt was made to perform an INSERT, UPDATE or DELETE operation on a permanent table, and the current transaction is in read only mode. Also a transaction may be active when the SET TRANSACTION command is executed.
- Action** Set the connection in read-write mode if transactions need to modify the database.

HADB11666

- Description** Reported by `clusql` if `control-c` is entered at the `SQL:` prompt. The current transaction is rolled back and the application is terminated.
- Action** Use `quit` or `exit` to terminate `clusql`.

HADB11701

- Description** Table not found.
No table or view with the given name exists in the database.
- Action** Ensure that current schema is correct, and that the table name is correct.

HADB11703

- Description** Table type not found.
The table type with the specified name does not exist in the database.
- Action** If you have used the `create tabletype ...` and `create table <table name> tabletype <table type>`, then verify that the names used are correct. If the problem persists, [Analyze the System](#), as described on [page 15](#)..

HADB11704

- Description** Column not found.
Column does not exist within the tables, views, or table types specified in the current command.

Action Check the spelling of the column names.

HADB11707

Description A table type cannot be altered or dropped because at least one table is using the type.

Action Drop tables using the table type.

HADB11708

Description The specified name is not recognized as a schema.

Action Check the schema name. Create the missing schema.

HADB11709

Description Schema is not empty.

The schema cannot be dropped because there is at least one table or view in it.

Action Drop the contents of the schema before dropping the schema.

HADB11711

Description Table exists already

A table or view with the supplied name exists already. Supply a unique name when creating or modifying a table.

Action Supply a unique name when creating or modifying a table.

HADB11713

Description Insufficient privilege for attempted operation.

Operation cannot be performed with existing user privilege and access rights.

Action Grant access rights to the current user, or connect as a different user with appropriate rights.

HADB11714

Description Double declaration in dictionary definition.
The definition portion of a Data Dictionary creation or modification command contains a double declaration.

Action Each declaration in a dictionary command (such as OWNER) can be specified only once.

HADB11715

Description No table type was specified in a CREATE TABLE command and the table specification does not include a column definition list.
A table type name and a column definition list must be specified when creating a table.

Action Create the table type first, or create the table with a column definition list.

HADB11716

Description Illegal organization of table.
Table must be organized as INDEXED or SEQUENTIAL.

Action Table organization must be specified as indexed or sequential. Only indexed tables are supported. Although sequential is accepted it is ignored.

HADB11717

Description Illegal fill level specified.
Fill level must be greater than 0% and less than or equal to 100%.

Action Fill level must be greater than 0% and less than or equal to 100%.

HADB11718

Description	User cannot be owner of resource. A user needs System or Total privilege to become the owner of an index, a table, view, table type, application or nodegroup.
Action	Grant appropriate access rights, or connect as a different user.

HADB11721

Description	Table type exists already. The table type name cannot be used because a table type with this name already exists in the database.
Action	Supply a unique name when creating or modifying a table type.

HADB11723

Description	No primary key specified. A table created with INDEXED organization (implicitly or explicitly) must contain a primary key.
Action	All tables stored in HADB must have a primary key.

HADB11725

Description	Sequence, column, or group cannot be a key. A column of this type cannot be a primary or secondary key column.
Action	Columns of type decimal or real cannot be indexed. Use other columns as primary or secondary keys.

HADB11726

Description	Illegal to add, change or remove key column. A column which is part of the primary key of a table cannot be altered or dropped. It is also illegal to add new columns to the primary key definition. It is, however, legal to rename a key column.
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Action Drop and recreate the table with the new column definitions.

HADB11727

Description It is illegal to change a column's basic type, for example, a numeric column cannot be changed into a character column. It is, however legal to change between any data type and the data type byte of the same size, for example, from integer to byte (4) and vice versa. In this case, no actual data conversion is performed.

Action The cast function can be used for data conversion in many cases.

HADB11733

Description Column and field names cannot be used twice when declaring the column list of a table type.

Action Supply a unique name when creating or modifying a table.

HADB11734

Description Illegal length, precision or scale.

The length of CHAR, VARCHAR, BINARY and VARBINARY columns must be greater than 0 and less or equal to 8000 characters (bytes). The precision of a DECIMAL column must be greater than 0 and less than or equal to 31 digits. The scale of a DECIMAL column cannot be greater than the precision. The binary precision of a real column cannot be greater than the implementation-defined maximum precision of a 64 bit floating point datum. (The IEEE standard specifies this as 52).

The seconds precision of a TIME or TIMESTAMP column cannot be greater than six. The leading precision and seconds precision of an INTERVAL column cannot be greater than six.

Action Rewrite your table definition to comply with the rules described.

HADB11735

Description Illegal data type specified in column definition.

Action Use only supported data types in table definitions and in cast/convert queries.

HADB11736

Description	Too many columns in key. A primary or secondary key consisting of more than 16 columns cannot be defined.
Action	Rewrite your table definition.

HADB11738

Description	Too many columns. Number of columns within the table type exceeds 255.
Action	Re-write your table definition.

HADB11740

Description	A system table (a table with a table ID less than 1000) cannot be deleted.
Action	No action to be taken.

HADB11742

Description	The specified user name is already defined in the database.
Action	Supply a unique name when creating or modifying users.

HADB11743

Description	The specified user name does not exist in the database.
Action	Make sure you enter the correct user name.

HADB11744

Description	During an attempt to create or modify a user, the user definition contained a syntax error.
Action	No action to be taken.

HADB11745

Description	Attempt to drop system defined user. The system defined user created with the name SYSTEM when a database is initialized cannot be removed from the database.
Action	No action to be taken.

HADB11747

Description	Nodegroup exists already.
Action	Supply a unique name when creating new node groups.

HADB11748

Description	The nodegroup name given cannot be found.
Action	Ensure that the supplied node group name is correct.

HADB11751

Description	The schema could not be created because a schema with the same name exists already.
Action	Supply a unique name when creating a new schema.

HADB11755

Description	No schema with the given name exists in the database.
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Action Ensure that the schema name is correct.

HADB11757

Description An attempt was made to delete a schema which is essential for operation of the database.

Action No action to be taken.

HADB11759

Description When attempting to change the layout of a table, and the change is not cosmetic (for example, rename a column), the table type must be used by this table.

Action If several tables use the same table type, you must create a new table type and then convert the table to the new table type with the statement. `ALTER TABLE t type = new_type.`

HADB11761

Description The specified index does not exist.

Action Ensure that current schema is correct, and that the index name is correct.

HADB11762

Description An attempt was made to create an index with a name that already exists.

Action Supply a unique name when creating an index.

HADB11763

Description The name of an index is required in this operation. The specified name does not refer to an index.

Action Ensure that current schema is correct, and that the index name is correct.

HADB11768

- Description** An attempt was made to revoke several privileges from a user, but some or all of the privileges could not be revoked. This is probably because not all of the revoked privileges were granted to the user originally.
- Action** Privileges defined for a user can be obtained from `DatabaseMetaData.getColumnPrivileges()` and `DatabaseMetaData.getTablePrivileges()` in the JDBC.

HADB11770

- Description** You do not have the privileges necessary to grant some or all of the specified privileges. Only those privileges that you are granted 'with grant option' have been granted.
- Action** Privileges defined for a user can be obtained from `DatabaseMetaData.getColumnPrivileges()` and `DatabaseMetaData.getTablePrivileges()` in the JDBC.

HADB11773

- Description** The user to whom you granted the privilege(s) has passed them on to another user.
- Action** Use revoke with the cascade clause to revoke the whole chain of privileges that has resulted from your original grant statement.

HADB11775

- Description** You can specify `with check option` only when creating a view that can be updated.
- Action** Views involving more than one table cannot be updated in HADB. Note that the `with check option` is not currently enforced.

HADB11776

- Description** The specified table, view or column cannot be dropped because there are other views or restrictions that depend on the specified resource.

Action Use the cascade option to drop the table, view or column and all dependent views and restrictions.

HADB11778

Description Only one primary key constraint is allowed.

Action You can specify the primary key option for only one column, or once with a list of columns specified within parentheses.

HADB11779

Description The specified revoke statement would cause some privileges implicitly granted by a 'create view' statement to be revoked.

Action Using revoke with the cascade option will force the privileges to be revoked, and may cause the views to be dropped because they are no longer visible.

HADB11782

Description No view with the given name exists in the database (in the current schema).

Action Ensure that current schema is correct, and that the view name is correct.

HADB11783

Description A view with the supplied name exists already.

Action Supply a unique name when creating a view.

HADB11784

Description You specified an operation that required a table, but the name that you specified refers to a view or a schema.

Action Ensure that the current schema is correct, and that the table name is correct.

HADB11787

Description It is not legal to drop a user who owns schemas, tables or table types.

Action Drop the entities owned by the user before dropping the user.

HADB11790

Description Columns of 'interval' data type cannot have default values.

Action Rewrite your table definition.

HADB11796

Description An illegal access priority was specified for create table or alter table.

Action Use one of the legal values.

HADB11798

Description Too many nodes specified in a `create nodegroup` statement.

Action Do not specify more than the actual number of running nodes.

HADB11901

Description Table is too large for operation. The result of a 'group by' operation is too large to fit in main memory buffers.

Action Increase the value of the config variable `relalg_workspace_size`, and restart `clu_relalg_srv` on all nodes.

HADB11903

Description Trim character must be a single character. The `trim()` function was called with a `<trim character>` string with length different from 1.

Action Use a string with a single character.

HADB11905

- Description** Substring length is negative. The `substring()` function was called with a `<start position>` value that was less than 1.
- Action** Rewrite your SQL query.

HADB11907

- Description** Overflow in string field. A string concatenation, conversion or assignment caused a result string that exceeded the maximum length expected for the target string.
- Action** Rewrite your SQL query, or alter the table(s) involved.

HADB11908

- Description** Numeric value out of range. An arithmetic operation or a conversion into a numeric data type created a value that was outside the range of the data type of the result of the operation.
- Action** Rewrite your SQL query, or alter the table(s) involved.

HADB11909

- Description** An attempt to divide a number by zero was made.
- Action** Check your data or rewrite your query so that division by zero cannot occur.

HADB11910

- Description** Invalid character value for cast. Conversion from a character field to a numeric field failed because an invalid character was found in the character field.
- Action** Check your data.

HADB11914

Description	The specified date and time field (date, time or timestamp) was not valid. Possible reason may be because a date field specified a month value greater than 12.
Action	Check your data.

HADB11915

Description	The specified interval field was not valid. Possible reason may be because an <code>interval hour to second</code> field specified a minute or second value greater than 59.
Action	Check your data.

HADB11916

Description	A time zone interval value expression specified in a datetime expression with the <code>at time zone</code> construct, or in a <code>set time zone</code> command, must be greater than or equal to -12:59 and less than or equal to +13:00.
Action	Check your data or command.

HADB11917

Description	A null value was attempted to be assigned to a column that was defined with a <code>Not Null</code> constraint.
Action	Check your data.

HADB11918

Description	A dynamic parameter that was required for the execution of this query was not supplied.
Action	Check your client application.

HADB11919

Description	A conversion to a date, time or timestamp field from a string expression failed because the string expression was not in the correct datetime format. This may occur in a cast expression or when converting from a user-defined character field to a data time field.
Action	Check your data.

HADB11920

Description	A source string was retrieved into a target string that was smaller than the size of the source string. The source string was right truncated so that it fit into the size of the target string.
Action	Check your data.

HADB11921

Description	A set function (count, min, max, sum, avg) was executed and one or more value expressions contained in the set function specification evaluated to NULL and was eliminated before applying the set function.
Action	Check your data.

HADB11924

Description	An SQL query containing a scalar subquery was performed, but the scalar subquery returned more than one row.
Action	Check your data and/or client application. You need to specify a scalar subquery that returns a maximum of one row.

HADB11927

Description	A conversion to an interval field from a string expression failed because the string expression was not in the correct interval format. This may occur in a cast expression or when converting from a user-defined character field to an interval field.
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Action Check your data.

HADB11939

Description An attempt was made to insert a row with a primary key which already was in use by another row.

Action Use unique values for primary keys.

HADB12001

Description HADB was unable to allocate more virtual memory from the operating system.

Action Decrease the load on the host(s) where HADB is running. Extend physical and/or virtual memory on the host(s). Use unique values for primary keys.

HADB12002

Description Expressions can be nested up to 256 levels.

Action Rewrite your SQL query.

HADB12003

Description Space is exhausted in the shared memory segment used for SQL dictionary cache. The SQL query cannot be prepared or executed. Note that this memory segment is shared between all connections at a given HADB node.

Action Change the application(s) to use fewer tables, or increase the size of the dictionary cache.

HADB12004

Description An internal error has occurred while allocating memory.

Action [Analyze the System](#), as described on [page 15](#).

HADB12005

- Description** An error has occurred while trying to allocate memory from the operating system. An operating system specific error code is usually also displayed in an adjacent message.
- Action** [Analyze the System](#), as described on [page 15](#).

HADB12006

- Description** An internal error has occurred while allocating memory.
- Action** [Analyze the System](#), as described on [page 15](#).

HADB12301

- Description** Import of table contents from file (bulk load) failed because of inconsistent input data.
- Action** Verify the contents of the input file.

HADB12302

- Description** Import of table contents from file (bulk load) failed because of inconsistent input data.
- Action** Verify the contents of the input file.

HADB12303

- Description** Import of table contents from file (bulk load) failed because of inconsistent input data.
- Action** Verify the contents of the input file.

HADB12304

Description	Import of table contents from file (bulk load) failed because of inconsistent input data.
Action	Verify the contents of the input file.

HADB12305

Description	Import of table contents from file (bulk load) failed because of inconsistent input data.
Action	Verify the contents of the input file.

HADB12306

Description	Import of table contents from file (bulk load) failed because of inconsistent input data.
Action	Verify the contents of the input file.

HADB12307

Description	Import of table contents from file (bulk load) failed because of inconsistent input data. The bulk load operation was terminated.
Action	Verify the contents of the input file.

HADB12317

Description	The table import/export was successfully completed, with some warnings about data conversion errors.
Action	Verify the contents of the input/output file.

HADB12319

Description Invalid import or export specification.
Action Verify your import/export command.

HADB12320

Description Import of table contents from file (bulk load) failed because of inconsistent input data.
Action Verify the contents of the input file.

HADB12321

Description Import of table contents from file (bulk load) failed because of inconsistent input data.
Action Verify the contents of the input file.

HADB12322

Description Invalid import or export specification.
Action Verify your import/export command.

HADB12323

Description Invalid import or export specification.
Action Verify your import/export command.

HADB12324

Description The parameters supplied for a prepared query occupies more than 32000 bytes.
Action Rewrite the client application.

HADB12401

- Description** The operands in this expression do not have compatible data types. Integers cannot be compared with character strings, and so on.
- Action** Sometimes you can get around this problem by using the cast or convert function. For example, a character string that contains all numeric characters can be cast into an integer.

HADB12402

- Description** The current SQL statement contains a syntax error.
- Action** Verify your SQL statement.

HADB12403

- Description** The number of values specified in an `insert into` statement must conform to the number of columns of the table to insert into.
- Action** Verify your SQL statement.

HADB12404

- Description** An SQL query was submitted in an illegal context, for example in JDBC: `statement.executeUpdate("select * from t")`.
- Action** Verify your client application.

HADB12406

- Description** The specified column was found in more than one table.
- Action** Prefix the column name with the name of the correct table and a period (.).

HADB12407

- Description** An expression in an `order by` list must be a number greater than 0 and less or equal to the number of columns selected, or a valid expression containing columns present in the select list.
- Action** Verify your client application.

HADB12408

- Description** An aggregate expression is used in the wrong context. For example, `select sum(i) from t where sum(i)>0`.
- Action** Verify your client application.

HADB12411

- Description** A subquery is contained in one of the branches of an `or` clause, or inside the `<join specification>` of a joined table clause.
- Action** Rewrite your SQL query.

HADB12412

- Description** The expression is too complex to be evaluated, due to limitations in HADB SQL.
- Action** Rewrite your SQL query.

HADB12413

- Description** When aggregated expressions are specified in a `select` statement, the grouping columns are the only individual columns that can be retrieved in the result, in addition to the aggregated expressions.
- Action** Verify your client application.

HADB12416

Description An attempt was made to exceed an implementation defined limit. HADB cannot handle more than 100 users in a single GRANT or REVOKE statement.

Action Rewrite your SQL grant/revoke command.

HADB12422

Description The same column name was used more than once when a unique name was required. This can occur inside a view definition, update clause or column alias list.

Action Verify your SQL statement.

HADB12423

Description The number of column aliases in an alias list does not match the number of columns in the corresponding table expression.

Action Verify your SQL statement.

HADB12424

Description A column that is found in both tables specified in a join expression and is used as a join column cannot be referenced with a table alias prefix. Such a column must be referenced with column name alone, without any table alias.

Action Verify your SQL statement.

HADB12427

Description When specifying a table set operation (UNION, INTERSECT or EXCEPT), the select list of both select statements must contain the same number of expressions.

Action Verify your SQL statement.

HADB12428

- Description** When using the CORRESPONDING BY clause in a table set operation, the corresponding column(s) must be part of the select list from both SELECT statements participating in the set operation.
- Action** Verify your SQL statement.

HADB12430

- Description** When using the CORRESPONDING BY clause in a table set operation, the select lists of the two SELECT statements involved must contain at least one column with the same name.
- Action** Verify your SQL statement.

HADB12432

- Description** You are attempting to grant or revoke table privileges on a non-table entity, or you are attempting to grant or revoke USAGE privileges on a table entity.
- Action** Verify your SQL statement.

HADB12433

- Description** You can delete, insert or update rows in a view only if the view can be updated.
- Action** Views involving more than one table cannot be updated in HADB. Verify your SQL statement.

HADB12434

- Description** When creating a view, a view column list is required if referenced columns have system-generated names. This occurs if referenced column is an expression or if two or more referenced columns have equal names.
- Action** Verify your SQL statement.

HADB12435

Description	When using a table subquery as part of a comparison clause, the table subquery must contain the same number of expressions in its select list as there are expressions in the list being compared with.
Action	Verify your SQL statement.

HADB12437

Description	Aggregate functions cannot be nested. For example, it is illegal to specify <code>sum(sum(column))</code> . Aggregate functions cannot contain subqueries or grouped columns.
Action	Verify your SQL statement.

HADB12440

Description	The internal definition of the view that was referenced in your query is corrupt.
Action	The view must be dropped and recreated.

HADB12442

Description	The specified dynamic SQL statement contains an expression involving a dynamic parameter marker whose data type cannot be determined. You are not allowed to specify an expression consisting of a single parameter marker, parameter markers on both sides of a dyadic operator, a parameter marker in a set function argument, and so on.
Action	Verify your SQL statement.

HADB12443

Description	You cannot specify a parameter marker in the SELECT statement part of a CREATE VIEW statement.
Action	Verify your SQL statement.

HADB12444

- Description** You cannot create a view that references a temporary table. Only permanent tables and other views can be referenced.
- Action** Verify your SQL statement.

HADB12445

- Description** Subtracting two DATE, TIME or TIMESTAMP expressions to form an INTERVAL requires the interval type for the result to be specified.
- Action** Verify your SQL statement.

HADB12446

- Description** System maintained columns (for example, log sequence number: LSN) cannot be updated.
- Action** Verify your SQL statement.

HADB12447

- Description** DEFAULT values cannot be used inside general expressions.
- Action** Verify your SQL statement.

HADB12448

- Description** A dynamic SQL statement contains an invalid usage of a parameter. For example, `select ? from t.`
- Action** Verify your SQL statement.

HADB12449

- Description** An `INSERT INTO` may contain a list of values representing rows to be inserted. The rows must be of the same degree, that is have the same number of fields. An example of an illegal statement is, `insert into t values (1),(1,2);`
- Action** Verify your SQL statement.

HADB12450

- Description** An `'INSERT INTO'` may contain a list of values representing rows to be inserted. The values to be inserted must have the correct number of elements. For example, if table `t` has a single column, the following statement is illegal. `insert into t values(1,2);`
- Action** Verify your SQL statement.

HADB12451

- Description** A `NULL` value is used in an incorrect way. For example, `select NULL from t;`
- Action** Verify your SQL statement. A correct example is as follows:
`select cast(NULL as int) from t;`

HADB12452

- Description** A `NULL` value is used in an ill-defined manner. For example, `insert into temporary.t values(NULL);`
- Action** Verify your SQL statement. You can use the `cast ()` construct to specify correct type.

HADB12454

- Description** An SQL query can reference a maximum of 32 tables, including tables which are included when expanding views.
- Action** Rewrite the SQL query.

HADB12455

Description The expression is too complex to be evaluated, due to limitations in HADB SQL.

Action Rewrite the SQL query.

HADB12456

Description The expression is too complex to be evaluated, due to limitations in HADB SQL.

Action Rewrite your SQL query.

HADB12457

Description The number of parameters for a dynamic SQL query exceeds 255.

Action Rewrite the client application.

HADB12458

Description Due to limitations in HADB SQL, the expression is too complex to be evaluated. The number of statements is limited to 1023. This is relevant for batched SQL statements.

Action Rewrite your SQL query.

HADB12459

Description Row value lists are not supported in all expression contexts. An example of an illegal query is as follows:

```
select * from t2 where (i,j) > (0,0)
```

Action Rewrite your SQL query.

HADB12460

- Description** If columns have been renamed by an alias in a query, the alias names must be used in the select list.
- Action** Rewrite your SQL query.

HADB12461

- Description** When performing a natural join with the `using ()` construct, the select list cannot qualify the (common) join columns with a table name. This is according to the SQL standard.
- Action** Rewrite your SQL query.

HADB12522

- Description** You tried to send one receive statement through the client/server interface without establishing a network connection.
- Action** Try to reconnect to the server.

HADB12523

- Description** The HADB node to which your client tries to connect does not have the necessary capabilities to handle client requests.
- Action** Connect to a different HADB node, or re-try the connection at a later time.

HADB12528

- Description** The connection has been aborted by HADB. The HADB node to which you were connected has most likely stopped, or has crashed.
- Action** Re-connect to HADB.

HADB12530

- Description** The client and servers has initiated a connection, but lose contact before a proper connection has been established.
- Action** Re-connect to HADB on a different node.

HADB12539

- Description** There is a mismatch in the client/server protocol. You are possibly using a new ODBC/JDBC driver to connect to an old version of HADB, or vice versa.
- Action** Change to the driver appropriate for your HADB version.

HADB20001

- Description** A internal error occurred in the JDBC driver.
- Action** [Analyze the System](#), as described on [page 15](#).

HADB20002

- Description** The feature used is optional in the JDBC standard, and is not supported by the HADB.
- Action** User code should be rewritten not to use this feature.

HADB20003

- Description** The specified transaction isolation level is not supported.
- Action** Use either TRANSACTION_READ_COMMITTED, TRANSACTION_READ_UNCOMMITTED or TRANSACTION_REPEATABLE_READ.

HADB20004

Description The JDBC Connection is closed, so no more operations are allowed on it.
Action Re-connect to the database.

HADB20005

Description An invalid data type conversion. One typical cause is to use `setString(colno, value)` on an integer column.
Action Check data type and use the correct accessor procedure.

HADB20006

Description Invalid characters were detected in the string.
Action Correct the input string.

HADB20008

Description A numeric conversion resulting in an overflow was attempted.
Action Check value range and data types.

HADB20009

Description Cursor positioning is not allowed on forward-only cursors.
Action Do not use cursor positioning methods.

HADB20010

Description An attempt was made to set a column to a NULL value when the column cannot be set to NULL in the database.
Action Either change the database schema to allow null values, or set a non-null value on the column.

HADB20011

- Description** An attempt was made to retrieve data from a `ResultSet` and the `ResultSet` is not positioned on a row.
- Action** When a result set is retrieved for a query, it is positioned before the first row. Use `ResultSet.next()` to position on the first row.

HADB20012

- Description** It is not permissible to retrieve values from the result set after it is closed.
- Action** Close the result set after reading from it.

HADB20013

- Description** An attempt was made to retrieve a column that does not exist in the result set.
- Action** Check column index value.

HADB20014

- Description** An attempt was made to set a query parameter that does not exist.
- Action** Check query parameter index value.

HADB20015

- Description** The query returned values with a data type not known to the JDBC driver.
- Action** [Analyze the System](#), as described on [page 15](#).

HADB20016

- Description** The column name does not exist in the result set.
- Action** Check the column name.

HADB20020

- Description** The requested result set type is not supported.
- Action** The result set type may only be TYPE_FORWARD_ONLY:
TYPE_SCROLL_INSENSITIVE or TYPE_SCROLL_SENSITIVE.

HADB20021

- Description** The `executeQuery()` and `executeUpdate()` on a `PreparedStatement` may not accept any parameters.
- Action** Use `Connection.prepareStatement()` to prepare the query on a new `PreparedStatement` object.

HADB20022

- Description** The requested result set concurrency level is not supported
- Action** Only CONCUR_READ_ONLY is supported.

HADB20024

- Description** The `executeUpdate()` method was used to execute a SELECT-type query.
- Action** Use either the `executeQuery()` or the `execute()` method when executing SELECT-type queries.

HADB20025

- Description** The `executeQuery()` method was used to execute an INSERT/UPDATE/DELETE-type query.
- Action** Use either `executeUpdate()` or `execute()` to execute an INSERT/UPDATE/DELETE-type query.

HADB20026

- Description** A statement may not include variable parameters.
- Action** Use `PreparedStatement` when using variable parameters.

HADB20027

- Description** The parameter to `setMaxFieldSize()` can not be negative.
- Action** Use a positive value.

HADB20028

- Description** The parameter to `setMaxRows()` can not be negative.
- Action** Use a positive value.

HADB20029

- Description** The time-out value cannot be negative.
- Action** Use a positive value.

HADB20030

- Description** The statement is closed. No further operations are allowed.
- Action** Do not close the statement until completing it.

HADB20033

- Description** The date-time format is incorrect, or out of range.
- Action** Check the JDBC documentation for the correct format.

HADB20034

- Description** The interval value was out of range.
- Action** See the JDBC documentation for information on legal ranges of interval columns.

HADB20035

- Description** A character used is not allowed in the current character code set.
- Action** Use valid characters.

HADB20036

- Description** Only `FETCH_FORWARD` is allowed as fetch direction on a `TYPE_FORWARD_ONLY` result set.
- Action** Use `FETCH_FORWARD` as the fetch direction.

HADB20037

- Description** The fetch size value may not be a negative value.
- Action** Use a positive value for the fetch size.

HADB20038

- Description** The suggested fetch direction is not allowed.
- Action** See the JDBC documentation for information on allowed values.

HADB20039

- Description** The fetch size must be less or equal to the value set using `setMaxRows ()`.
- Action** Use a lower value.

HADB20040

- Description** The PreparedStatement does not have any parameters, so any call to `setXXX()` fails.
- Action** Do not call `setXXX()` methods in a PreparedStatement with no parameters.

HADB20041

- Description** The PreparedStatement has one or more parameters that need to be set before calling `executeQuery/executeUpdate`, since they access columns that may not be NULL.
- Action** Set all parameters that access non-NULL columns.

HADB20043

- Description** The requested server information item array was not found.
- Action** [Analyze the System](#), as described on [page 15](#).

HADB20044

- Description** A user name is required to log on to the database.
- Action** Provide a user name

HADB20045

- Description** A user password is required to log on to the database.
- Action** Provide a password.

HADB20046

- Description** One or more host specifications must be provided in the connection URL in order to log on to the database.
- Action** Provide a list of host specifications delimited with commas. Each host specification must consist of a host name, a colon and a port number.

HADB20050

- Description** The `executeUpdate()` or `executeQuery()` was used to execute batched statements.
- Action** Use `executeBatch()` to execute batched statements.

HADB20051

- Description** None of the hosts in the connection URL could be found. This is usually due to misspelling or problems with the Domain Name Service (DNS).
- Action** Check host names and the DNS setup.

HADB20052

- Description** The requested hold is not supported.
- Action** Only `CLOSE_CURSORS_AT_COMMIT` is supported.

HADB20053

- Description** SQL save points are not supported in this version of HADB.
- Action** Rewrite code so that use of savepoints are not required.

HADB20054

- Description** The LOB table specified in the LOB descriptor does not exist in this schema.

Action Check if the right database schema is used.

HADB20055

Description Batched statements are not allowed in LOB queries.

Action Execute each query by itself.

HADB20056

Description The requested data type conversion is not allowed on a BLOB/CLOB column.

Action See the conversion table in the JDBC documentation for conversions that are allowed.

HADB20057

Description The requested operation is not supported when operating on LOBs.

Action See the *Administrator's Guide* for information on operations that are allowed.

HADB20059

Description An internal inconsistency has occurred.

Action [Analyze the System](#), as described on [page 15](#).

HADB20060

Description The connection is in an invalid state for executing LOB operations.

Action The transaction isolation level must be `REPEATABLE_READ` or higher, and the auto commit mode must be set to `OFF`.

HADB22002

Description	Database specified does not exist.
Action	Retry the command with appropriate parameters

HADB22003

Description	Node number specified does not exist.
Action	Retry the command with appropriate parameters.

HADB22005

Description	Invalid password.
Action	Retry the command with appropriate parameters

HADB22006

Description	IManagement agents specified in url {0} could not be reached.
Action	<ol style="list-style-type: none">1. Ensure the management agent is running on the host specified in the URL.2. Ensure that the correct management agent URL is used.3. Retry the command with appropriate parameters.

HADB22007

Description	IThe Management agents URL specified is not correct.
Action	<ol style="list-style-type: none">1. Ensure that the URL is of the the form <i>hostlist:port</i>, where hostlist is a comma separated list of hosts.2. Retry the command with appropriate parameters.

HADB22009

- Description** The command did not complete in the allowed time, and is still executing.
- Action**
1. Check that all agents are running.
 2. Check status of the database to verify that the operation has been executed.
 3. Rerun command with appropriate parameters.

HADB22010

- Description** The operation had no progress in the last {0} seconds, and has been aborted.
This is an error from `hadbm create` command.
- Action** Try to create the database with the `--no-clear` option. This will ensure that database logs are not deleted if the command fails. If the command fails again, submit logs to Sun support for analysis.

HADB22011

- Description** The management repository is not writeable because not enough management agents are running. A majority of the enabled agents in the domain must be available to allow write operations.
- Action**
1. Start more management agents, or
 2. use `hadbm disablehost` to reduce the number of enabled agents.
 3. Rerun the command.

HADB22012

- Description** The management agent at host {0} is not ready to execute the operation. The agent might be performing repository recovery, which requires availability of a majority of the agents in the domain.

This is an error from `hadbm` command that causes the management repository to de updated. This does not include commands such as `get`, `status`, `deviceinfo`, `resourceinfo`, `list`, `listpackages`, and `listdomain`.
- Action** Start other agents if they are not running. Wait until agent recovery is completed, then rerun command.

HADB22013

Description	The command failed because an exception was reported from the management system: [{0}]
Action	Analyse the error message from the management system and take appropriate action.

HADB22014

Description	<p>The command failed because an exception was reported through the jdbc-driver: [{0}].</p> <p>An error from <code>hadbm refragment</code> command, reported through the JDBC driver.</p>
Action	Analyse the JDBC error message and take appropriate action.

HADB22015

Description	<p>The HADB management domain could not be updated because of inconsistent specification of hostnames. Hostnames may have been missing or duplicated. The hostlist operand must contain a list with all hosts to be part of the domain.</p>
Action	Retry the command with appropriate parameters.

HADB22016

Description	<p>The hosts are registered in different management domains.</p> <p>Domains cannot be merged.</p>
Action	<ol style="list-style-type: none">1. Remove one of the hosts from its domain by using <code>hadbm reducedomain</code>, and then restart the agent.2. Retry the command with appropriate parameters.

HADB22017

Description	<p>The specified management agent could not be reached.</p> <p>The operation requires that the management agent is available.</p>
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- Action**
1. Verify that the management agent is running.
 2. Retry the command with appropriate parameters.

HADB22018

- Description** This version of hadbm ({0}) is not compatible with the management agent version({1}).
Incompatible versions of hadbm and management agent.
- Action** Use correct combination of hadbm, management agent, and hadb.

HADB22019

- Description** This version of hadbm ({0}) can not manage a package which is version {1}.
Incompatible versions of hadbm and hadb.
- Action** Use correct combination of hadbm, management agent, and hadb.

HADB22021

- Description** This error message was generated by the `create` command. A database with the specified name already exists.
- Action** Create a database with another name.

HADB22022

- Description** This error message was generated by the `create/add nodes` command. Specified path does not exist on a host.
- Action** Create the path on the host, or specify another path.

HADB22023

- Description** This error message was generated by the `create/addnodes` command. Specified path on a host does not have `Write` permissions.

Action Provide `Write` permission to the path, or specify another path.

HADB22024

Description This error message was generated by the `create/addnodes` command. Specified hosts are not reachable.

Action

1. Verify that the host can be reached by pinging the host. Verify the `ssh/rsh` setup (On UNIX only).
2. Verify that managemnt agents are running (on Windows).

HADB22025

Description This error message was generated by the `create/addnodes` command. Length of host list must be greater than one and should be even.

Action Retry the command with appropriate parameters.

HADB22026

Description This error message was generated by the `create` command. Specified database name is not valid.

Action Retry the command with appropriate parameters.

HADB22027

Description This error message was generated by the `create` command. Port base number is not valid or is already in use.
Specify a port base number between 10000 and 63000.

Action Make sure no other HADB instance/program uses the port. Retry the command with appropriate parameters

HADB22028

Description	This error message was generated by the <code>create</code> command. Specified number of data devices cannot be supported.
Action	Retry the command with appropriate parameters

HADB22029

Description	This error message was generated by the <code>create</code> command. Specified device size cannot be supported.
Action	Retry the command with appropriate parameters

HADB22030

Description	<p>This error message was generated by the <code>create/addnodes</code> command. Specified number of spares could not be allocated.</p> <p>Number of spares should be less than the number of hosts in the host list by atleast two, and number of spares should be even.</p>
Action	Retry the command with appropriate parameters

HADB22031

Description	This error message was generated by the <code>create/set</code> command. Attributes that are to be set are not recognized: [{0}].
Action	Retry the command with appropriate parameters.

HADB22032

Description	This error message was generated by the <code>create/clear</code> command. Password string is invalid. It should have a minimum length of eight characters.
Action	Retry the command with appropriate parameters.

HADB22033

Description	This error message was generated by the <code>create</code> command. Invalid values have been set for attributes. Following are the attributes which have been specified with invalid values: [{0}]
Action	Retry the command with appropriate parameters.

HADB22034

Description	This error message was generated by the <code>create/addnodes</code> command. Invalid directory specified for <code>inetd</code> setup files. (On UNIX only).
Action	Retry the command with appropriate parameters.

HADB22041

Description	This error message was generated by the <code>addnodes</code> command. Database has to be in <code>HAFaultTolerant</code> or <code>FaultTolerant</code> states.
Action	Start the database, or start the nodes which are not running before running the <code>addnodes</code> command. In case of double node failure (mirror nodes), stop and delete the hadb instance and recreate it after including the new nodes.

HADB22042

Description	This error message was generated by the <code>addnodes/refragment</code> command. Database could not be refragmented.
Action	Make sure there is enough disk space for refragment. If there is not enough space, increment the <code>TotalDataDeviceSizePerNode</code> attribute. If this fails, delete and recreate the hadb instance, and retry the command.

HADB22043

Description	This error message was generated by the <code>addnodes/create</code> command. Specified number of spares could not be allocated. Number of spares should be a positive number less than or equal to length of host list.
Action	Retry the command with appropriate parameters.

HADB22044

- Description** This error message was generated by the `addnodes` command. Path configured for the original database is not existing on the new hosts: [{0} {1}].
- Action** Create the path on the new hosts.

HADB22045

- Description** This error message was generated by the `addnodes` command. Path configured for the original database does not have `write` permissions on the new host.
- Action** Set `write` permissions for the path on the new host.

HADB22046

- Description** This error message was generated by the `addnodes` command. Database state has deteriorated. Original and current states of the database are: [{0} {1}]
- Action** Check the nodes that have failed with the `hadbm status --nodes` command. Then check the history files for the nodes for error messages/warning messages. If some nodes have stopped, try to start them one by one with the `hadbm startnode` command.

HADB22047

- Description** This error message was generated by the `refragment` command. Refragmentation cannot be done in this operation as the database is running under `inetd`. Use `-r | --no-refragment` option and re-run the command to turn off refragmentation.
- Action** Retry the command with appropriate parameters.

HADB22125

- Description** An exception propagated from `mgt API` or `cladm`.

- Action** Check the exception code mapped in the message.
- Example 1: "Internal Error: [Cladm command failed : CLADM-E-27:failed to start database."
- In this case, the history files must be analyzed to find the reason the system could not start the database.
- Example 2: Internal Error: ["localhost" not allowed in the host list (21042)]
- Do not use localhost in the hostlist

HADB22126

- Description** Command Not Found.
- Action** Use defined hadbm commands. 'hadbm -help' will list all available commands.

HADB22061

- Description** This error message was generated by the `clear` command.
- Action** Check the history files for error messages. Retry the `clear` command, or delete and recreate the HADB instance.

HADB22065

- Description** This error message was generated by the `delete` command. Database is not in the stopped state.
- Action** Stop the database by using the `stop` command and rerun the command.

HADB22066

- Description** Database could not be deleted: [{0}]
- Action** None

HADB22071

Description	This error message was generated by the <code>get/set</code> command. Attributes are not recognized.
Action	Retry the command with appropriate parameters.

HADB22072

Description	This error message was generated by the <code>set</code> command. Some or all of the attributes cannot be set on an existing database.
Action	The attributes are static for the HADB instance. Change, delete and recreate the HADB instance with the new attribute values.

HADB22073

Description	This error message was generated by the <code>get</code> command. The <code>get</code> command failed to get the attributes from the database.
Action	Retry the operation.

HADB22074

Description	This operation can not be executed while the database is in this particular state. Certain operations require that the database is in a particular state.
Action	Bring database to the required state and retry the operation.

HADB22081

Description	This error message was generated by the <code>startnode</code> command. Expected node state of stopped, but node state is running.
Action	The node is already running, so do not run the <code>startnode</code> command. Check the status of the node by using the <code>hadbm status --nodes</code> command.

HADB22082

Description	This error message was generated by the <code>startnode</code> command. The <code>startlevel</code> specified is invalid.
Action	Retry the command with appropriate parameters.

HADB22083

Description	This error message was generated by the <code>startnode</code> command. Node could not be started.
Action	Check the history files for HADB.

HADB22085

Description	This error message was generated by the <code>stopnode</code> command. Database has to be in <code>HAFaultTolerant</code> state for repair. No spare node is available. Node has not been stopped. Node number: [{0}].
Action	The node can be stopped with the <code>--no-repair</code> option.

HADB22086

Description	This error message was generated by the <code>stopnode</code> command. Node could not be stopped. Node number: [{0}]
Action	Retry the command. Check hadb history files for error and warning messages.

HADB22087

Description	This error message was generated by the <code>stopnode</code> command. Mirror node is not up. Node is not stopped. Node number and its mirror node number are: [{0} {1}]
Action	None. Do not try to stop a node and a mirror node, the database will become non-operational. To stop all nodes, use the <code>stop</code> command for the database (<code>hadbm stop</code>).

HADB22088

Description	This error message was generated by the <code>stopnode</code> command. Node should not be in stopped state. Node state found is stopped. Node could not be stopped. Node number: [{0}]
Action	None. The node is already stopped.

HADB22091

Description	This error message was generated by the <code>restartnode</code> command. Node could not be restarted. Node number: [{0}]
Action	Retry the command. Check the hadb history files for error and warning messages.

HADB22095

Description	This error message was generated by the <code>start</code> command. Database could not be started: [{0}]
Action	Check the HADB history files for error and warning messages. If the history files are not available, check for error and warning messages in <code>syslog</code> . The messages are prefixed with HADB, by default.

HADB22096

Description	This error message was generated by the <code>start</code> command. Database is already running: [{0}]
Action	None. The database is already running, so there is no need to run the start command.

HADB22097

Description	This error message was generated by the <code>start</code> command. Database only partially started.
Action	Retry the command, check hadb history files for error messages and warning messages.

HADB22101

Description	This error message was generated by the <code>stop</code> command. Database could not be stopped.
Action	Retry the command. Check hadb history files for error and warning messages.

HADB22102

Description	This error message was generated by the <code>stop</code> command. Database is already in a stopped state.
Action	None

HADB22105

Description	This error message was generated by the <code>restart</code> command. Database is not running. Database name: [{0}]
Action	Start the database with the <code>hadbm start</code> command.

HADB22106

Description	This error message was generated by the <code>restart</code> command. Database could not be restarted. Database name: [{0}]
Action	Retry the command. Check HADB history files for error and warning messages.

HADB22107

Description	This error message was generated by the <code>restart</code> command. Restart failed to return the database to original state or better.
Action	Check HADB history files for error and warning messages. Start nodes which are not running.

HADB22108

Description	This error message was generated by the <code>restart</code> command. Database has to be in <code>HAFaultTolerant</code> or <code>FaultTolerant</code> states for rolling restart.
Action	Use no-rolling option to restart the database

HADB22111

Description	This error message was generated by the <code>clearhistory</code> command. Directory to which history files are to be saved does not exist.
Action	Retry the command with appropriate parameters.

HADB22112

Description	This error message was generated by the <code>clearhistory</code> command. Specified location to save the history files is not a directory.
Action	Retry the command with appropriate parameters.

HADB22113

Description	This error message was generated by the <code>clearhistory</code> command. Directory to which history files are to be saved does not have write permissions.
Action	Retry the command with appropriate parameters.

HADB22114

Description	This error message was generated by the <code>clearhistory</code> command. History files could not be cleared and saved.
Action	Enable logging in the CLI by modifying the <code>hadbmlogging.properties</code> file in the <code>lib</code> directory. Retry the command. If it fails, Analyze the System , as described on page 15 .

HADB22150

Description	The database could not access shared memory resources at host {0} because of the following error: [{1}]. Check that shared memory is available on that host.
Action	Take appropriate action.

HADB22151

Description	Another process is using the specified port on the specified host.
Action	Choose another portbase and retry the command.

HADB22152

Description	Not enough space on device located at {0} on host {1}.
Action	Decrease devicesize for HADB, change to a device that has sufficient space, or install larger disks, then retry command.

HADB22170

Description	The software package {0} could not be found at path {1} on host {2}.
Action	Specify correct loaction of package in the -packagepath option.

HADB22171

Description	A software package has already been registered with the package name {0}.
Action	Choose another package name and retry command.

HADB22172

Description	The software package {0} has not been registered in the management domain.
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- Action**
1. `hadbm registerpackage` must be executed before `hadbm create`.
 2. Check spelling of package name.

HADB22173

- Description** The software package {0} is in use by a database instance and can not be removed.
- Error from `hadbm unregisterpackage`, `hadbm deletedomain` and `hadbm reducedomain`. Software package is in use and cannot be unregistered.
- Action**
1. Stop and delete the database.
 2. Rerun the command.

HADB22176

- Description** The host {0} is not registered in the HADB management domain. Use `hadbm createdomain` to set up the management domain.
- All hosts specified in a hostlist must be part of one HADB management domain.
- Action** Update the hostlist so that you only specify hosts that are part of the management domain, or use the `hadbm extenddomain` command to include the missing host(s) in the domain.

HADB22180

- Description** The host {0} is already disabled.
- `Disablehost` run on a host that is already disabled.
- Action** None.

HADB22181

- Description** Database nodes are running on the host. {0} for database {1}.
- Action** Use `hadbm stopnode` to stop the nodes.

HADB22182

Description	The management agent is running on the host {0}. Stop the agent before disabling the host. It is not possible to disable a host when the corresponding management agent is running.
Action	Stop the management agent on the specified host and rerun the command.

HADB22183

Description	Passwords don't match. When retyping password, both passwords must be equal.
Action	Make sure that you type equal passwords, and then rerun the command.

HADB21006

Description	The value for a configuration attribute is invalid.
Action	Retry command with appropriate parameters.

HADB21022

Description	The <code>cladm</code> command failed. There will be a linked message from <code>cladm</code> with error code and description as part of this error message.
Action	Analyze the message from <code>cladm</code> .

HADB21024

Description	No reply received in response to the dialog message for one of the server processes.
Action	Verify that the nodes are running, retry the command.

HADB21042

- Description** Prevents the user from adding nodes with `localhost` as hostname.
- Action** You must supply the qualified hostname, preferably the IP address.

HADB21035

- Description** Device size is too small for logstore and data. A part of the data device is reserved for logstore. Totally $4 * \text{logbuffersize}$ is reserved for logstore per node. This exception ($4 * \text{logbuffersize} + 16$) occurs if the data devices can not hold the log store.
- Action** Increase the size of the data devices, or decrease the size of the `logbuffersize`.

HADB21048

- Description** Lost connection to management agent.
- Action** Verify that the management agent is running.

HADB21079

- Description** Admin authentication failed.
The management agent rejected the supplied management password.
- Action** Retry the command with the appropriate password.

HADB21023

- Description** The `cladm` command could not be invoked.
- Action** Check permissions for the `cladm` script, located in the `bin` directory.

HADB22201

- Description** This error message was generated by the `addnodes` command. Database was not refragmented.

Action Refragment the database with the refragment command.

HADB22202

Description Repair was not initiated while stopping the node.
Info message from the hadbm stopnode command because the --no-repair option was given.

Action None

HADB22203

Description Info message from the addnodes command. Nodes successfully added to the database without refragmenting data. Use the `inetd` setup files to configure and restart `inetd` and then run refragment command.

Action No action to be taken.

HADB25005

Description The communication RPC layer is closed.

Action Reconnect to the database.

HADB25010

Description The query string is too large.

Action Shorten the query, and if possible execute the query using multiple queries.

HADB25012

Description The connection to the database failed.

Action Check if the database is running, and that the correct host name and port numbers are used. Reconnect to the database.

HADB25017

- Description** The database server node serving the query is not currently available. The database connection is still valid, but the transaction must be retried.
- Action** Retry the transaction.

HADB25018

- Description** There has been a time-out in the call to the database server. The connection is still valid, but the transaction must be retried.
- Action** Retry the transaction.

HADB25020

- Description** The JDBC driver and the database server is not compatible. This is usually due to using a JDBC driver that is either too old or too new compared to the database server.
- Action** Use the correct JDBC driver version.

HADB25022

- Description** The transaction was rolled back due to an error in the commit cycle. The transaction must be retried.
- Action** Retry the transaction.

HADB

Health Checker

This chapter lists error messages that originate from the Health Checker.

HLCK

HLCK3002

Severity	WARNING
Description	Could not create the health checker thread
Action	Restart the server.

HLCK3003

Severity	WARNING
Description	The application server instance is still down.
Action	Check the application server instance, and bring it up.

HLCK3007

Severity	WARNING
Description	Could not create the health check stop thread.
Action	Restart the server.

HLCK

Install Services

This chapter lists error messages that originate from the Installer subsystem.

INSTALL

INSTALL2001

Severity	FATAL
Description	A shell-specific character in your server ID was used.
Action	Retry with a non-shell specific character in the server ID.

INSTALL2002

Severity	FATAL
Description	The <code>mkdir</code> command failed.
Action	Check the disk space and directory permissions. Refer to exception data to get more information on the directory.

INSTALL2003

Severity	FATAL
Description	Unable to get system information about user.
Action	Refer to exception data to get more information on user.

INSTALL2004

Severity	FATAL
Description	Unable to open the file for reading.
Action	Make sure the file exists and has the Right access permissions.

INSTALL2005

Severity	FATAL
Description	Unable to open file for writing.
Action	Make sure the file exists and has Write access permissions.

INSTALL2006

Severity	FATAL
Description	Unable to read file.
Action	Make sure the file exists and has Read access permissions.

INSTALL2007

Severity	FATAL
Description	An error occurred while writing to a file from the source.
Action	Refer to the exception data to get more information on why the Write operation failed.

INSTALL2008

Severity	FATAL
Description	Unable to create the file.
Action	Refer to the exception data to get more information on the file that could not be created. The command to create this file may have failed.

INSTALL2009

Severity	FATAL
Description	Unable to write to the file.
Action	Refer to the exception data to get more information on why the Write operation failed.

INSTALL2010

Severity	FATAL
Description	Unable to change the ownership of the file.
Action	Refer to exception data to get more information on the reason the change ownership failed.

INSTALL2011

Severity	FATAL
Description	The server was unable to find user.
Action	Create user and retry.

INSTALL2012

Severity	FATAL
Description	Unauthorized user.
Action	Select or create another user. Refer to exception data to get more information on the reason the change of ownership failed.

INSTALL2013

Severity	FATAL
Description	The file is not a regular file.
Action	The source file is not a regular UNIX file that can be copied to another file.

INSTALL2014

Severity	FATAL
Description	Problem creating or opening the <code>dbswitch.conf</code> config file.
Action	Make sure the file exists.

INSTALL2015

Severity	FATAL
Description	Document root must be an absolute path.
Action	Make sure that the document root is an absolute path.

INSTALL2016

Severity	FATAL
Description	Problem creating <code>/bin/startserv</code> .
Action	Refer to exception data to get more information on why the <code>startserv</code> script creation failed.

INSTALL2017

Severity	FATAL
Description	Problem creating <code>/bin/stopserv</code> .
Action	Refer to exception data to get more information on why the <code>stopserv</code> script creation failed.

INSTALL2018

Severity	FATAL
Description	Problem creating <code>/bin/restartserv</code> .
Action	Refer to exception data to get more information on why the <code>restartserv</code> script creation failed.

INSTALL2019

Severity	FATAL
Description	Problem creating admpw file.
Action	Make sure that the admpw file exists.

INSTALL2020

Severity	FATAL
Description	Unable to create the backup tree.
Action	Refer to exception data to get more information on why the creation of the backup tree failed.

INSTALL2021

Severity	FATAL
Description	Unable to create backup for keyfile.
Action	Refer to exception data to get more information on why the keyfile backup failed.

INSTALL2022

Severity	FATAL
Description	Unable to create backup for mime.types.
Action	Refer to exception data to get more information on the reason mime.types backup failed

INSTALL2023

Severity	FATAL
Description	Unable to execute chmod command for the config directory.

Action	Possible reasons for the <code>chmod</code> command to fail could be: <ul style="list-style-type: none">• Lack of appropriate permission• Object is a symbolic link that points to a non-existent file.
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INSTALL2024

Severity	FATAL
Description	Could not execute <code>chmod</code> command for <code>config/alias</code> directory.
Action	Possible reasons for the <code>chmod</code> command to fail could be due to lack of appropriate permission or the object is a symbolic link that points to a non-existent file.

INSTALL2025

Severity	FATAL
Description	File mapping creation failed.
Action	Refer to exception data to get more information on why the creation of file mapping failed.

INSTALL2026

Severity	FATAL
Description	Unable to map files.
Action	Refer to exception data to get more information on why the creation of file mapping failed.

INSTALL2027

Severity	FATAL
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Description	Unable to create the registry key due to one of the following reasons: <ul style="list-style-type: none">• Registry key may already exist• Path does not exist• Only the Administrator has privileges to create the registry key.
Action	Make sure the registry key and the path exist.

INSTALL2028

Severity	FATAL
Description	Unable to set registry key.
Action	Make sure the registry key exists.

INSTALL2029

Severity	FATAL
Description	While installing the service, the NT Service Manager reported an error.
Action	Refer to exception data for more information.

INSTALL2030

Severity	FATAL
Description	Server instance already exists within the given domain.
Action	Please choose a different server name.

INSTALL2031

Severity	FATAL
Description	Problem creating the file.
Action	Refer to exception data for more information.

INSTALL2032

Severity	FATAL
Description	Problem setting registry key.
Action	Make sure the registry key exists.

INSTALL2033

Severity	FATAL
Description	Exceeded token limit.
Action	Change the source and rebuild.

INSTALL2034

Severity	FATAL
Description	The token name is NULL.
Action	Analyze the System , as described on page 15 .

INSTALL2035

Severity	FATAL
Description	Null or empty delimiter.
Action	Analyze the System , as described on page 15 .

INSTALL2036

Severity	FATAL
Description	NULL template file name
Action	Analyze the System , as described on page 15 .

INSTALL2037

Severity	FATAL
Description	Unable to open the template file for reading.
Action	Analyze the System , as described on page 15 .

INSTALL2038

Severity	FATAL
Description	Unable to open the template file for reading.
Action	Analyze the System , as described on page 15 .

INSTALL2039

Severity	FATAL
Description	Unable to chmod file.
Action	Analyze the System , as described on page 15 .

INSTALL

Inter ORB Protocol

This chapter lists error messages that originate from the Internet Inter-ORB Protocol.

IOP

Internet Inter-ORB Protocol is a transport-level protocol used by both Remote Method Invocation (RMI) over IIOP and Common Object Request Broker Architecture (CORBA).

This chapter contains error messages that occur in the IOP system.

IOP5001

Severity	SEVERE
Description	An exception occurred while creating the security mechanism list based on the deployer-specified configuration information.
Action	Analyze the System , as described on page 15 .

IOP5002

Severity	SEVERE
Description	An exception occurred while initializing the IIOP SSL socket factory in the server.
Action	Analyze the System , as described on page 15 .

IOP5003

Severity	SEVERE
Description	An exception occurred while initializing the IOP SSL socket factory in the application client.
Action	Analyze the System , as described on page 15 .

IOP5004

Severity	SEVERE
Description	This error could occur due to one of the following reasons: <ul style="list-style-type: none">• Unable to set SSL cipher suites after connecting to the server.• Unable to set server socket for client authentication.
Action	Check SSL settings for the listener.

IOP5006

Severity	SEVERE
Description	An exception occurred while creating an SSL socket connection.
Action	Check the host and port settings.

IOP5007

Severity	SEVERE
Description	An IO exception occurred while reading the <code>security.properties</code> file. There may be a problem with setup.
Action	Analyze the System , as described on page 15 .

IOP5009

Severity	SEVERE
Description	An exception occurred while initializing the transaction service on the server.

Action [Analyze the System](#), as described on [page 15](#).

IOP5010

Severity SEVERE

Description An exception occurred while creating a portable object adapter (POA) on the server.

Action [Analyze the System](#), as described on [page 15](#).

IOP5011

Severity SEVERE

Description A request arrived for an EJB object that does not exist. It may have been removed.

Action Ensure that the `removal-timeout-in-seconds` element in the `sun-ejb-jar.xml` file is a stateful session bean.

See Also *EJB Developers Guide*.

IOP5012

Severity SEVERE

Description A runtime exception occurred during server execution.

Action [Analyze the System](#), as described on [page 15](#).

IOP5013

Severity SEVERE

Description An exception occurred while creating a CORBA reference to `EJBHome` or `EJBObject`.

Action [Analyze the System](#), as described on [page 15](#).

IOP5015

Severity	SEVERE
Description	A runtime exception occurred while setting a system property.
Action	Analyze the System , as described on page 15 .

IOP5016

Severity	SEVERE
Description	The security service is unregistered and therefore exists at interception point.
Action	You may be using Common Secure Interoperability version 2 (CSIV2) ¹ features via RMI-IIOP client. However, this is not supported. Use the application client container for CSIV2 features.

1. It is a protocol used to address the requirements of CORBA security for interoperable authentication, delegation and privileges.

IOP5017

Severity	WARNING
Description	Security service is not registered and therefore the status is not set.
Action	You may be using Common Secure Interoperability version 2 (CSIV2) ¹ features via RMI-IIOP client. However, this is not supported. Use the application client container for CSIV2 feature.
See Also	Message ID IOP5016 .

1. It is a protocol used to address the requirements of CORBA security for interoperable authentication, delegation and privileges.

IOP5018

Severity	SEVERE
Description	An exception occurred while importing the user name. Server fails while trying to create Generic Security Service Username Password (GSSUP), API-GSSUPName, from an exported user name sent by the client.
Action	Analyze the System , as described on page 15 with the exception stack trace information.

See Also Message ID [IOP5019](#).

IOP5019

Severity SEVERE

Description An exception occurred while creating an exported user name. The server or client fails while creating an exported user name as an array of one or more UTF-8 characters.

Action [Analyze the System](#), as described on [page 15](#) with the exception stack trace information.

See Also Message ID [IOP5018](#).

IOP5020

Severity SEVERE

Description An exception occurred while getting the password. This occurs while extracting the user name and password from `PasswordCredential` and converting the string to UTF-8 format.

Action Make sure the user name or password specified is not `null`. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the exception stack trace information.

IOP5021

Severity SEVERE

Description An exception occurred while encoding. The token that contains the user name and password is encoded in CDR format.

Action Make sure the server or client user name and password are correct. If the problem persists, [Analyze the System](#), as described on [page 15](#) with exception stack trace.

IOP5022

Severity SEVERE

Description	An exception occurred while decoding. This exception occurs when a CDR stream is decoded to create an object that contains the user name and password.
Action	Make sure the user name and password specified in the client or server are correct. If the problem persists, Analyze the System , as described on page 15 with the exception stack trace information.

IOP5023

Severity	SEVERE
Description	An exception occurred while getting user name and password.
Action	The specified user name or password is either null or not in UTF-8 format. Verify the user name and password.

IOP5024

Severity	SEVERE
Description	An IO exception occurred in IIOP. This exception occurs when the <code>security.properties</code> file is not present in the classpath of the application server or application client container.
Action	Verify and add the <code>security.properties</code> file in the classpath of the application server or application client container.

IOP5026

Severity	SEVERE
Description	More than one credential is specified. You may be using an unsupported feature by using CSrv2 ¹ via RMI-IIOP client.
Action	Use application client container.

1. It is a protocol used to address the requirements of CORBA security for interoperable authentication, delegation and privileges.

IOP5027

Severity	SEVERE
Description	An invalid security mechanism occurred. The client does not conform to the target bean's configured security policies.
Action	Verify the <code>sun-ejb-jar.xml</code> and <code>sun-acc.xml</code> files and validate the data.

IOP5029

Severity	SEVERE
Description	An exception occurred while creating authentication token – Generic Security Service Username Password (GSSUP) from the specified credential.
Action	Make sure the user name and password specified is not null. If the problem persists, Analyze the System , as described on page 15 with the exception stack trace information.

IOP5030

Severity	SEVERE
Description	An exception occurred while creating and adding the CDR encoded client identity token to the service context field.
Action	Analyze the System , as described on page 15 with the exception stack trace information.

IOP5031

Severity	SEVERE
Description	A service context exception occurred.
Action	Refer to the stack trace in the exception. This indicates the reason that the service context on the client was not extracted from the message. Analyze the System , as described on page 15 with the exception stack trace information.

IOP5032

Severity	SEVERE
Description	Reply message not <code>CompleteEstablishContext</code> or <code>ContextError</code> . An illegal message was sent from the client while establishing a context with the client.
Action	Refer to <code>SecurityException</code> in the log that follows this message for a better description of possible reasons. Analyze the System , as described on page 15 with the exception stack trace information.

IOP5033

Severity	SEVERE
Description	Unknown identity assertion type. An error occurred while creating an identity in the security context for a user on the server.
Action	Refer to the <code>SecurityException</code> in the log that follows this message, and correct the security identity token.

IOP5034

Severity	SEVERE
Description	The message received is not an <code>EstablishContext</code> message. An illegal message was sent from the client while establishing a context with the client.
Action	Check the implementation on the client ORB to find possible issues with the protocol version mismatch, for example, in <i>sequence messages</i> . If you are using the Sun Java System client and server ORBs, Analyze the System , as described on page 15 with the exception stack trace information.

IOP5035

Severity	SEVERE
Description	An error occurred while creating a JAAS subject credential. This error occurs when the message from the client contained an authentication token and JAAS was unable to create an authentication or subject credential.
Action	Analyze the System , as described on page 15 with the exception stack trace information.

IOP5036

Severity	SEVERE
Description	A security exception occurred in IIOP. The system was unable to create an identity credential because the message from the client contained an identity token.
Action	Analyze the System , as described on page 15 with the exception stack trace information.

IOP5037

Severity	SEVERE
Description	A generic exception occurred in IIOP during the creation of identity credential.
Action	Refer to the <code>SecurityException</code> in the log following this exception. Analyze the System , as described on page 15 with the exception stack trace information.

IOP5038

Severity	SEVERE
Description	Could not propagate user name or password required by target when using <code>run</code> as identity. There was no client authentication token found in the security context and an exception, <code>SecurityMechanismException</code> occurred.
Action	A client authentication on the server is required. Send a client authentication to the server.

IOP5039

Severity	SEVERE
Description	The specified mechanism type sent by the client for identification is not supported.
Action	See documentation for server and client security mechanisms.

IOP5040

Severity	SEVERE
Description	Could not lookup the domain name of the specified IP address.
Action	Verify the network and configuration settings. Check the IP address and domain information. The client's domain may not be supported.

IOP5041

Severity	SEVERE
Description	Cannot find <code>principal</code> information in the subject. The security mechanisms are trying to extract the <code>principal</code> from the subject.
Action	Check client authentication token propagated. Also refer to security documentation for supported security mechanisms.

IOP5042

Severity	SEVERE
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Description	Cannot find credential information in subject. While authenticating the client and getting its identity, the security mechanism on the server was able to extract the principal from the subject. However, it could not determine any credential from the subject.
Action	Check the client authentication token that is propagated.
See Also	Message ID IOP5041 . Also see the <i>Administrator's Guide to Security</i> for supported security mechanisms.

IOP5043

Severity	SEVERE
Description	An exception occurred while creating <code>ASContext</code> . The client authentication does not conform to the security policies set on the server.
Action	Check the application security configuration and make sure the client meets the minimum security required.

IOP5044

Severity	SEVERE
Description	An exception occurred while getting the peer certificate chain. The user and the server are using an SSL connection. However, the server security mechanism is unable to retrieve the certificate from the user to evaluate <i>trust</i> .
Action	Ensure that the client certificate is available on the client and meets the security requirements as per the server requirements.

IOP5045

Severity	SEVERE
Description	An invalid security mechanism exception occurred.
Action	See the exceptions reported along with this message for solution. If the problem persists, Analyze the System , as described on page 15 .

IOP5046

Severity	SEVERE
Description	An invalid ID token is sent.
Action	Analyze the System , as described on page 15 .

IOP5047

Severity	SEVERE
Description	A security exception occurred. The client does not conform to the target bean's configured security policies.
Action	Verify the <code>sun-ejb-jar.xml</code> and <code>sun-acc.xml</code> files. Validate the security information and roles assigned in the XML files.

IOP5048

Severity	SEVERE
Description	An authentication exception occurred. The client authentication does not conform to the security policies set on the server.
Action	Check the application's security configuration and make sure the client meets the minimum security required.

IOP5049

Severity	SEVERE
Description	A login exception occurred. An attempt to login to the server by authenticating the client with the specified subject and credential failed.
Action	Analyze the System , as described on page 15 with the exception stack trace information.

IOP5050

Severity	SEVERE
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Description	An unknown message type exception occurred.
Action	Analyze the System , as described on page 15 .

IOP5051

Severity	SEVERE
Description	More than one TAG_CSI_SEC_MECH_LIST tagged component was found. The client has sent more than one security mechanism. However, only one mechanism can be specified.
Action	Specify only one security mechanism.

IOP5052

Severity	SEVERE
Description	An error occurred while starting <code>bootserver</code> .
Action	Analyze the System , as described on page 15 .

IOP5054

Severity	WARNING
Description	A request arrived on a disabled connection. The IIOP listener port is disabled in <code>server.xml</code> . A regular CORBA request message sent by the client is rejected.
Action	If the IIOP listener port was disabled on purpose, then no action is required. However, if it was not disabled on purpose, enable the IIOP listener port in <code>server.xml</code> .

IOP5055

Severity	SEVERE
Description	Could not create listener on the specified port and host.

Action Validate host and port settings in `server.xml`. Also verify if there is a process listening on that port. If yes, then change the `iiop-listener` element in `server.xml` to a different port and restart the server. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the stack trace information.

IOP5056

Severity SEVERE

Description An exception occurred while creating the listener.

Action Check host and port settings. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the stack trace information.

See Also Message ID [IOP5055](#).

IOP5057

Severity SEVERE

Description An unknown host present and hence could not create a listener.

Action Make sure the host used in `server.xml` has a valid hostname/IP address. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the exception stack trace information.

IOP5058

Severity SEVERE

Description An unknown host present.

Action Check host settings. The host name may be incorrect.

See Also Message ID [IOP5057](#).

IOP5071

Severity WARNING

Description This exception can occur during the `findPOA()` call in the ORB.

Action Restart the server. If restart option is not available, [Analyze the System](#), as described on [page 15](#) with the exception stack trace information.

IOP5073

Severity WARNING

Description The port specified in the `iiop-listener` element in `server.xml` is not a number between 1 and 65535.

Action Make sure the `iiop-listener` element in `server.xml` is a number in the range specified. Modify the `server.xml` and restart the server.

IOP5074

Severity WARNING

Description The port specified in the `iiop-listener` element in `server.xml` is not a number between 1 and 65535, even though the listener is disabled.

Action Make sure that all the disabled `iiop-listener` elements in `server.xml` is a number in the range specified above. Modify the `server.xml` and restart the server.

IOP5075

Severity WARNING

Description The `steady-thread-pool-size` specified in the ORB element in `server.xml` is *not* a positive number (greater than or equal to 1).

Action Make sure that `steady-thread-pool-size` specified in the ORB element in `server.xml` is *not* a positive number. Modify the value in `server.xml` and restart the server.

IOP5076

Severity WARNING

Description The `max-thread-pool-size` specified in the ORB element in `server.xml` is *not* a positive number (greater than or equal to 1).

Action Make sure that `max-thread-pool-size` specified in the ORB element in `server.xml` is *not* a positive number. Modify the value in `server.xml` and restart the server.

IOP5077

Severity WARNING

Description This exception can occur if the `idle-thread-timeout-in-seconds` specified in the ORB element in `server.xml` is *not* a positive number.

Action Make sure that `idle-thread-timeout-in-seconds` specified in the ORB element in `server.xml` is *not* a positive number. Modify the value in `server.xml` and restart the server.

Java Message Service

This chapter lists error messages that originate from the Java messaging service.

JMS

Java Message Service is a standard set of interfaces and semantics that define how a JMS client accesses the facilities of a JMS message service. These interfaces provide a standard way for Java programs to create, send, receive, and read messages.

This chapter contains error messages that occur in the JMS system.

JMS5004

Severity	SEVERE
Description	The session could not be closed.
Action	See exception message and stack trace for information on why the session could not be closed.

JMS5005

Severity	SEVERE
Description	Resource handle could not be created.
Action	See exception message and stack trace for information on why the resource handle could not be created.

JMS5006

Severity	SEVERE
Description	Resource handle could not be registered.
Action	See exception message and stack trace for information on why the resource handle could not be registered.

JMS5007

Severity	SEVERE
Description	An illegal access to the connection factory was performed. J2EE components must access JMS connection factories through a <code>resource-ref</code> in <code>java:comp/env</code> subcontext.
Action	Make sure that the correct application accesses <code>resource-ref</code> in <code>java:comp/env</code> subcontext.

JMS5008

Severity	WARNING
Description	The <code>resource-reference</code> for JMS connection factory specifies container authorization but no user name and password is available.
Action	Specifying <code>default-resource-principal</code> for the JMS <code>resource-reference</code> removes this warning message. If you intend to use the resource sign-on information configured in the JMS connection factory resource, then you may ignore this warning message.

JMS5009

Severity	WARNING
Description	Calling <code>createQueueConnection()</code> on <code>resource-ref</code> with APPLICATION authentication.
Action	Use <code>createQueueConnection(username, password)</code> instead.

JMS5010

Severity	WARNING
Description	JMS connection with container authentication cannot programmatically set user name and password.
Action	Correct the application to use the no-argument JMS connection creation method.

JMS5011

Severity	WARNING
Description	Calling <code>createTopicConnection()</code> on resource-ref with APPLICATION authentication.
Action	Use <code>createTopicConnection(username, password)</code> instead.

JMS5012

Severity	SEVERE
Description	The connection factory could not be found.
Action	Check the stack trace following this error message for reason.

JMS5014

Severity	SEVERE
Description	A pooling exception occurred while creating resource. The <code>create resource handle</code> failed.
Action	See the stack trace for more information on why it failed.

JMS5016

Severity	SEVERE
Description	An error occurred while installing JMS resources.

Action See the error message for reason. Check the stack trace following this error message for more information.

JMS5018

Severity SEVERE

Description An error occurred while deleting a JMS connection factory resource.

Action See the error message and the stack trace following this error message for information on how to fix this error.

JMS5020

Severity SEVERE

Description An error occurred while deleting a JMS destination administered object.

Action See the error message and the stack trace following this error message for reason.

JMS5022

Severity SEVERE

Description This message can occur during application server initialization and the application server aborts. It indicates conflicting configuration of JMS port number.

Action Assign an unused port number to the application server's JMS service and restart the application server.

JMS5024

Severity SEVERE

Description The message queue broker startup failed for an unknown reason. Consequently, the application server aborts.

Action Check the application server's JMS service configuration. See the exception stack trace following this message. If it does not provide sufficient information, lower the application server's log level and try again. See the message queue broker log file also. Start the message queue broker manually to narrow down the cause of failure.

JMS5027

Severity SEVERE

Description An exception occurred while creating JMS destination administered object.

Action See the exception message and the stack trace following this error message for reason.

JMS5028

Severity SEVERE

Description An exception occurred while creating JMS connection factory resource.

Action See the exception message and the stack trace following this error message for reason.

JMS5031

Severity SEVERE

Description An exception occurred while creating JMS connection factory resource.

Action See the exception message and the stack trace following this error message for reason.

JMS5033

Severity INFO

Description	Unable to attach to an existing JMS service broker process. This message occurs during application server initialization. It precedes a SEVERE error and causes the application server to abort. It indicates a problem in the application server's JMS service configuration. For instance, JMS service port number may already be used by another server application.
Action	Check the JMS service configuration. Assign an unused port number to the JMS service and restart the application server.

JMS5034

Severity	INFO
Description	Unable to start the JMS service broker process. This message can occur during application server initialization. It precedes a SEVERE error and causes the application server to abort. It indicates the application server's inability to spawn the message queue broker process. This can happen due to a variety of reasons such as, improper installation (missing message queue broker packages), or lack of system resources such as, swap space, and so on.
Action	Examine the Java exception details following this message. Ensure that the system has sufficient swap space. You may also want to verify if the message queue broker can be started manually.

JMS5035

Severity	INFO
Description	This message can occur during application server initialization. It precedes a SEVERE error and causes the application server to abort. It indicates that the application server tried to start the message queue broker but could not establish communication with it.
Action	Make sure that the message queue broker started. If you have a large number of persistent messages pending, the message queue broker may take a long time to start. If this is the case, you may want to check the application server's JMS service configuration and increase the initialization timeout value. If the message queue broker is not running, check the log file.

JMS5036

Severity	INFO
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Description	This message can occur during the application server initialization. It precedes a SEVERE error and causes the application server to abort. It indicates that the message queue broker runs as a separate process and generates a separate log file. So in order to isolate the initialization problem, it may be necessary to check both the application server log file and the message queue broker log file.
Action	See the message queue broker log file for the error messages specific to the JMS service.

Java Transaction Services

This chapter lists error messages that originate from the Java transaction services.

JTS

Java Transaction Service is a Java service for processing transactions.

JTS5001

Severity	SEVERE
Description	An internal error occurred while creating a control object.
Action	Analyze the System , as described on page 15 .

JTS5002

Severity	WARNING
Description	Unable to locate the servant for the object listed in the message.
Action	Analyze the System , as described on page 15 .

JTS5003

Severity	WARNING
Description	An error occurred while destroying an internal object.
Action	Analyze the System , as described on page 15 .

JTS5004

Severity	SEVERE
Description	An internal error occurred while creating a coordinator object.
Action	Analyze the System , as described on page 15 .

JTS5005

Severity	WARNING
Description	An internal error occurred.
Action	Analyze the System , as described on page 15 .

JTS5006

Severity	SEVERE
Description	An internal error occurred during recovery.
Action	Analyze the System , as described on page 15 .

JTS5007

Severity	SEVERE
Description	The initialization of distributed transaction logs failed.
Action	Analyze the System , as described on page 15 .

JTS5008

Severity	SEVERE
Description	The distributed transaction logs could not be opened.
Action	Analyze the System , as described on page 15 .

JTS5009

Severity	SEVERE
Description	An internal error occurred while creating the <code>CoordinatorResource</code> object.
Action	Analyze the System , as described on page 15 .

JTS5010

Severity	SEVERE
Description	An internal error occurred while creating the <code>CoordinatorSynchronization</code> object.
Action	Analyze the System , as described on page 15 .

JTS5011

Severity	SEVERE
Description	An internal error occurred. No coordinator available for the transaction.
Action	Analyze the System , as described on page 15 .

JTS5012

Severity	SEVERE
Description	An internal error occurred at the beginning of the transaction.
Action	Analyze the System , as described on page 15 .

JTS5013

Severity	WARNING
Description	An internal error occurred while creating a subordinate.
Action	Analyze the System , as described on page 15 .

JTS5015

Severity	WARNING
Description	An internal error occurred while creating portable object adapters (POA).
Action	Analyze the System , as described on page 15 .

JTS5016

Severity	WARNING
Description	An internal error occurred while creating the Current object.
Action	Analyze the System , as described on page 15 .

JTS5017

Severity	WARNING
Description	The ORB is not running.
Action	Make sure the instance's ORB port is not in use. If the port is in use, change the ORB port through the Administrator Interface or by changing <code>server.xml</code> . If the problem persists, Analyze the System , as described on page 15 .

JTS5018

Severity	WARNING
Description	Could not register <code>TransactionFactory</code> with ORB.
Action	Analyze the System , as described on page 15 .

JTS5020

Severity	WARNING
Description	Invalid distributed transactions log path.

Action Make sure the `tx-log-dir` attribute in the `transaction-service` element in the `server.xml` is valid. If the problem persists, [Analyze the System](#), as described on [page 15](#).

JTS5021

Severity WARNING

Description Invalid default distributed transactions log path.

Action Make sure the `tx-log-dir` attribute in the `transaction-service` element in the `server.xml` is valid. If the problem persists, [Analyze the System](#), as described on [page 15](#).

JTS5022

Severity SEVERE

Description An error occurred while operating with distributed transaction logs.

Action [Analyze the System](#), as described on [page 15](#).

JTS5023

Severity WARNING

Description A heuristic exception occurred during roll-back of a transaction as part of `resync` operation.

Action [Analyze the System](#), as described on [page 15](#).

JTS5024

Severity SEVERE

Description An internal error occurred while creating a `recoverycoordinator` object.

Action [Analyze the System](#), as described on [page 15](#).

JTS5026

Severity	SEVERE
Description	An exception occurred while recovering the <code>in-doubt</code> transactions.
Action	Analyze the System , as described on page 15 .

JTS5027

Severity	WARNING
Description	An exception occurred while performing the <code>resync</code> operation.
Action	Analyze the System , as described on page 15 .

JTS5028

Severity	WARNING
Description	An exception occurred while performing recovery on XA resources.
Action	Analyze the System , as described on page 15 .

JTS5029

Severity	WARNING
Description	An exception occurred while performing the <code>resync</code> operation.
Action	Analyze the System , as described on page 15 .

JTS5030

Severity	WARNING
Description	An exception occurred while writing the restart record in the distributed transaction logs.
Action	Analyze the System , as described on page 15 .

JTS5031

Severity	WARNING
Description	An exception occurred while performing an operation on the resource.
Action	Analyze the System , as described on page 15 .

JTS5033

Severity	WARNING
Description	An exception occurred while performing synchronization.
Action	Analyze the System , as described on page 15 .

JTS5035

Severity	WARNING
Description	Unable to identify the communication manager.
Action	Analyze the System , as described on page 15 .

JTS5036

Severity	SEVERE
Description	An internal error occurred while transitioning from one state to another.
Action	Analyze the System , as described on page 15 .

JTS5037

Severity	SEVERE
Description	An internal error occurred while creating a <code>Terminator</code> object.
Action	Analyze the System , as described on page 15 .

JTS5040

Severity	SEVERE
Description	An internal error occurred while creating a <code>TransactionFactory</code> object.
Action	Analyze the System , as described on page 15 .

JTS5041

Severity	WARNING
Description	The resource manager is working outside a global transaction. This error occurs if an <code>XAConnection</code> is used outside the <code>pf</code> transactional context and if the connection is reused within a transaction. (<code>XAConnection</code> may be reused because of Connection Pooling also).
Action	Change the application logic in such a way that an <code>XAConnection</code> is not used outside the transactional context. Analyze the System , as described on page 15 for a workaround.

JTS5042

Severity	WARNING
Description	An error occurred while getting the transaction status.
Action	Analyze the System , as described on page 15 .

JTS5043

Severity	SEVERE
Description	Failed to create <code>TransactionManager</code> instance.
Action	Analyze the System , as described on page 15 .

JTS5044

Severity	WARNING
Description	An error occurred in getting or creating transaction state.

Action [Analyze the System](#), as described on [page 15](#).

JTS5045

Severity WARNING

Description An error occurred in `beforeCompletion`.

Action [Analyze the System](#), as described on [page 15](#).

JTS5046

Severity WARNING

Description The transaction is not active when the resource is trying to enlist the transaction.

Action [Analyze the System](#), as described on [page 15](#).

JTS5047

Severity WARNING

Description The transaction object is unavailable when the resource is trying to enlist the transaction.

Action [Analyze the System](#), as described on [page 15](#).

JTS5049

Severity SEVERE

Description Not able to activate XA Resource in the portable object adapters (POA).

Action [Analyze the System](#), as described on [page 15](#).

JTS5050

Severity SEVERE

Description	Transaction timeout is negative.
Action	If the transaction timeout is set programmatically, make sure you set it to zero or any positive value. If it is set in the <code>server.xml</code> , go to the <code>transaction-service</code> element in the <code>server.xml</code> and change the <code>timeout-in-seconds</code> attribute value to zero or a positive value.

JTS5053

Severity	SEVERE
Description	An internal occurred while reading distributed transaction log data.
Action	Analyze the System , as described on page 15 .

JTS5054

Severity	WARNING
Description	An error occurred in <code>afterCompletion</code> .
Action	Analyze the System , as described on page 15 .

JTS5055

Severity	SEVERE
Description	Failed to get a CORBA reference for synchronization object.
Action	Analyze the System , as described on page 15 .

JTS5059

Severity	SEVERE
Description	An exception occurred while recovering an <code>in-doubt</code> coordinator.
Action	Analyze the System , as described on page 15 .

JTS5062

Severity	WARNING
Description	An error occurred while setting time-out on XA Resource
Action	Make sure XA Resource time-out is set correctly in the <code>server.xml</code> .

JTS5063

Severity	WARNING
Description	An XA exception occurred in <code>beforecompletion</code> .
Action	See the exception data for more details. Also see the XA error code and error message.

Load Balancer Runtime

This chapter lists error messages that originate from the Load Balancer at runtime.

LBRT

LBRT1004

Severity	ERROR
Description	Internal error
Action	Restart the server.

LBRT

Lifecycle Module

This chapter lists error messages that originate from the lifecycle module.

LCM

The lifecycle module listens and performs tasks in response to events in the server life cycle. These modules are automatically initiated at server startup and are notified at various phases of the server life cycle.

LCM0101

Severity	FATAL
Description	An error occurred while loading the server's life cycle listener module.
Action	Make sure that the life cycle module is in the server classpath. The classpath for the life cycle modules is configurable via the <code>server-classpath</code> attribute or the classpath of the <code>lifecycle-module</code> element. You can also place the JAR file classes in the <code><install-root>/domains/server1/lib/</code> or the classes in <code><install-root>/domains/server1/classes</code> .
See also	<i>Developer's Guide</i> , chapter "Developing Lifecycle Listeners".

LCM0103

Severity	FATAL
Description	The server is not able to startup due to an error loading a life cycle module. This occurs when the <code>is-failure-fatal</code> attribute is set to <code>true</code> and there is an error loading the module.

Action Fix the error and restart the server. You can also set the `is-failure-fatal` attribute in `server.xml` to `false`. The server then ignores the error and continues the initialization and startup.

See also *Developer's Guide*, chapter "Developing Lifecycle Listeners".

LCM0105

Severity FATAL

Description An exception occurred when the server was setting up the life cycle module environment prior to invoking the module. This exception occurs due to an internal error.

Action Refer to the stack trace in the exception. This indicates the reason why the internal error occurred. Restart the server instance. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the stack trace information.

LCM0107

Severity FATAL

Description An exception occurred when the server was resetting the life cycle module environment after invoking the module. The exception occurs due to an internal error.

Action Examine the exception stack and restart the server instance. If the problem persists, [Analyze the System](#), as described on [page 15](#) with the stack trace information.

LCM0201

Severity WARNING

Description A general exception occurred while running the life cycle module.

Action Examine the exception stack and rectify the life cycle module code or the root cause of the exception.

LCM0203

Severity	WARNING
Description	An exception, <code>ServerLifecycleException</code> occurred while running the life cycle module.
Action	Examine the exception stack and rectify the root cause of the exception.

LCM0205

Severity	FATAL
Description	The server is about to shutdown while executing the life cycle modules. An exception stack trace may appear before this message.
Action	<ol style="list-style-type: none">3. If the exception stack trace is available, examine the exception stack and rectify the root cause of the exception.4. Examine the <code>is-failure-fatal</code> attribute in <code>server.xml</code> to see if the server can continue with these exceptions.

LCM

Class Loader

This chapter lists error messages that originate from the class loader.

LDR

A class loader is a Java component responsible for loading Java classes according to specific rules.

LDR5001

Severity	WARNING
Description	The classloader failed to convert the path (as indicated in the error message) into a URL.
Action	Verify if the specified file path is valid and exists, and retry.

LDR5002

Severity	WARNING
Description	An error occurred while undeploying an EJB.
Action	Refer to the exception data for more information.

LDR5003

Severity	SEVERE
Description	The unique ID specified in the EJB descriptor is automatically generated and updated during deployment or redeployment. The error occurs when it conflicts with an ID assigned to another EJB.
Action	Redploy the EJB, thereby forcing the unique ID to be regenerated.

LDR5004

Severity	SEVERE
Description	An error occurred while creating the EJB container.
Action	Refer to the exception data for information on how to fix this error.

LDR5005

Severity	WARNING
Description	An error occurred while unloading a Resource Adapter Reference (RAR).
Action	Refer to the exception data for information on how to fix this error.

LDR5006

Severity	SEVERE
Description	An exception occurred while loading the application's deployment descriptor.
Action	Refer to the exception data for information on how to fix this error.

LDR5007

Severity	WARNING
Description	This error is caused by LDR5001 .
Action	Verify that the specified file path is valid and exists.

LDR5008

Severity	WARNING
Description	An error occurred while getting the deployment location of the deployed connector module.
Action	Refer to the exception data for details.

LDR5009

Severity	WARNING
Description	An error occurred while creating the URL.
Action	Make sure the filename and path is correct.

LDR5011

Severity	WARNING
Description	The class specified under the <code><ejb-class></code> element of the EJB deployment descriptor could not be found.
Action	Make sure the class exists in the deployment directory or the generated directory of the server instance.

LDR5012

Severity	SEVERE
Description	The JNDI name you assigned to the bean is already in use by another bean.
Action	Assign a different JNDI name to the bean.

LDR5013

Severity	SEVERE
Description	This is the actual exception caused by LDR5012 .
Action	Assign a different JNDI name to the bean.

LDR5100

Severity	SEVERE
Description	A configuration exception occurred.
Action	Analyze the System , as described on page 15 .

LDR5101

Severity	SEVERE
Description	The META-INF/application.xml file could not be read, parsed or loaded.
Action	Verify that the META-INF/application.xml exists in the application's deployment directory and is formatted correctly.

LDR5200

Severity	SEVERE
Description	An exception, <code>java.io.IOException</code> occurred while trying to access the application deployment directory.
Action	Ensure that the application deployment directory exists.

LDR5201

Severity	WARNING
Description	The environment property, <code>com.sun.aas.installRoot</code> is not set. Therefore, the location of the EJB class loader's <code>CodeSource</code> is set to the current working directory.
Action	This system property is set internally. Analyze the System , as described on page 15 .

LDR5202

Severity	WARNING
Description	An exception <code>java.io.IOException</code> occurred while trying to read the resource file from disk.
Action	Refer to the exception data for details.

LDR

Message Driven Bean Container

This chapter lists error messages that originate from the message driven bean container.

MDB

Message-driven beans are persistent objects that are likely to call a full range of JDBC interfaces, much like entity beans. However, message-driven beans have no local or remote interfaces as do other EJB components, and they differ from entity beans in how they are accessed.

A message-driven bean is a message listener that can reliably consume messages from a queue or a durable subscription. The messages may be sent by any J2EE component—from an application client, another EJB component, or a Web component—or from an application or a system that does not use J2EE technology.

MDB0002

Severity	SEVERE
Description	Could not get server session. The message-driven bean's, <code>ejbCreate</code> method may have failed.
Action	Check the stack trace following this error message for reason.

MDB0004

Severity	SEVERE
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Description	The <code>getSession()</code> call failed while the session was still in use. It is likely that the JMS provider re-used the old <code>ServerSession</code> object instead of getting one from the <code>ServerSessionPool</code> .
Action	Lower the server's log level to get more information about the error and try again. If the problem persists, Analyze the System , as described on page 15 .

MDB0005

Severity	SEVERE
Description	The <code>getSession()</code> call failed after the session was destroyed. It is likely that the JMS provider re-used an old <code>ServerSession</code> object that was destroyed instead of getting one from the <code>ServerSessionPool</code> .
Action	Lower the server's log level to get more information about the error and try again. If the problem persists, Analyze the System , as described on page 15 .

MDB0006

Severity	SEVERE
Description	The <code>Get</code> session failed. There are several reasons for this failure. For example, creation of JMS Session or the message-driven bean <code>ejbCreate</code> method may have failed.
Action	Check the stack trace following this error message for reason or check the other error messages in the server log.

MDB0008

Severity	SEVERE
Description	An exception occurred in <code>Session.run()</code> .
Action	Check the server log for more information and check any runtime errors with the message-driven bean's <code>onMessage</code> method.

MDB00010

Severity	SEVERE
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Description	An exception occurred while cleaning up <code>ServerSession</code> . The message-driven bean's <code>ejbRemove</code> method may have failed.
Action	Check the stack trace following this error message and other error messages in the server log for more information.

MDB00012

Severity	SEVERE
Description	<code>ServerSession.getSession()</code> must be called first before calling <code>ServerSession.start()</code> . It is likely that the JMS provider called the <code>ServerSession</code> methods in an incorrect sequence.
Action	Lower the server's log level to get more information about the error and try again. If the problem persists, Analyze the System , as described on page 15 .

MDB00013

Severity	SEVERE
Description	An error occurred while creating <code>ServerSession</code> .
Action	Check the stack trace following this error message and other error messages in the server log.

MDB00015

Severity	SEVERE
Description	Message-driven bean's destination name not found.
Action	Check the stack trace following this error message for information on why this exception occurred.

MDB00017

Severity	SEVERE
Description	An exception occurred while creating message-driven bean container.

Action See the stack trace following this error message for information on why this exception occurred.

MDB00020

Severity SEVERE

Description An exception occurred while closing message-driven bean container.

Action See the exception in the error message. Lower the server's log level to get more information about the error and try again. If the problem persists, [Analyze the System](#), as described on [page 15](#).

MDB00021

Severity SEVERE

Description Message-driven bean container's destination has a type mismatch.

Action See the error message for details. Check the message-driven bean's deployment descriptors and the `type` of the JMS destination that the message-driven bean listens and correct the type mismatch.

MDB00023

Severity WARNING

Description The message-driven bean's deployment descriptor element, `jms-max-messages-load` has an invalid value.

Action Correct the invalid `jms-max-messages-load` value in the message-driven bean's deployment descriptor element.

MDB00024

Severity SEVERE

Description Message-driven bean container's connection factory not found.

Action Check the JMS connection factory resource configuration for the message-driven bean container. Check the stack trace information following this error message for information on why the error occurred.

MDB00025

Severity	SEVERE
Description	Message-driven bean container's connection factory has a type mismatch.
Action	See the error message for detail. Check the message-driven bean's deployment descriptors and the type of the JMS connection factory for the message-driven bean container and correct the type mismatch.

MDB00026

Severity	SEVERE
Description	Unable to start the message-driven bean container connection.
Action	See the error message for reason. Check the stack trace following this error message.

MDB00027

Severity	SEVERE
Description	A connection exception event occurred.
Action	See the error message for details. The message-driven bean container's connection to the JMS provider is broken. Check the stack trace following this error message. Check if the JMS provider's message server is still running.

MDB00029

Severity	SEVERE
Description	An error occurred while registering the bean-pool monitor for a message-driven bean.
Action	See the error message for reason. Lower the server's log level to get more information about the error and try again. If the problem persists, Analyze the System , as described on page 15 .

MDB00030

Severity	SEVERE
Description	An exception occurred while setting up the message-driven bean container.
Action	See the error message and other error messages in the server log for reason.

MDB00031

Severity	WARNING
Description	Message-driven bean container's connection factory not found. The default connection factory which connects to the built-in Sun Java System Message Queue server will be used instead.
Action	Check the configuration of the JMS connection factory resource for the message-driven bean container.

MDB00032

Severity	WARNING
Description	Message-driven bean container's connection factory not found. The default connection factory which connects to the built-in Sun Java System Message Queue server will be used instead.
Action	If you are using the default JMS connection factory, and it is not intended for the message-driven bean, add the <code>mdb-connection-factory</code> to the message-driven bean deployment descriptor and redeploy the application.

MDB00035

Severity	SEVERE
Description	An exception occurred after closing the message-driven bean pool.
Action	See the error message and the stack trace following this error message for reason.

MDB00036

Severity	SEVERE
Description	Pre-invocation of message-driven bean failed.
Action	See the stack trace following this error message and other error messages in the server log for more information.

MDB00037

Severity	SEVERE
Description	An exception occurred during message-driven bean invocation.
Action	The message-driven bean container pre-invocation failed. See the error message for reason. Check the stack trace following this error message and other error messages in the server log for more information.

MDB00038

Severity	SEVERE
Description	No message-driven bean context in message listener.
Action	Analyze the System , as described on page 15 .

MDB00039

Severity	SEVERE
Description	Message sent to a destroyed message-driven bean.
Action	Analyze the System , as described on page 15 .

MDB00041

Severity	SEVERE
Description	An exception occurred in the message-driven bean's <code>onMessage</code> method.

Action See the error message for reason. Lower the server's log level to get more information about the error and try again. If the problem persists, [Analyze the System](#), as described on [page 15](#).

MDB00042

Severity SEVERE

Description No invocation for message.

Action See other error messages in the server log for more information.

MDB00043

Severity WARNING

Description An exception occurred while reading the `mdb-container` configuration.

Action See the error message for reason. Check valid values in the `mdb-container` element in `server.xml`.

MDB00046

Severity SEVERE

Description The message-driven bean's `onMessage` method threw a run time exception.

Action Check the message-driven bean's `onMessage` method for abnormal runtime behavior. Lowering the server's log level may give more information.

MDB00047

Severity SEVERE

Description Some application or unchecked exception occurred.

Action See the error message and other error messages in the server log for more information.

MDB00048

Severity	SEVERE
Description	An exception occurred in the message-driven bean's pre-invocation.
Action	See the error message for reason. Check other error messages and stack traces in the server log for more information.

MDB00049

Severity	SEVERE
Description	An exception occurred in the message-driven bean's post-invocation.
Action	See the error message for reason. Check the stack trace following this error message and other error messages in the server log for more information.

MDB00050

Severity	SEVERE
Description	An exception occurred while creating message-driven bean.
Action	See the error message and the stack trace following this error message for reason.

MDB00051

Severity	SEVERE
Description	The message-driven bean container pre-invocation of <code>ejbRemove</code> method or <code>ejbRemove</code> method may have failed.
Action	Check the error message and the stack trace following this error message for more information.

MDB00052

Severity	SEVERE
Description	Start message delivery for the message-driven bean container failed.

Action See the error message and the stack trace following this error message for information.

MDB00053

Severity SEVERE

Description Message-driven bean container has a cleanup exception.

Action See the error message and the stack trace following this error message for more information.

MDB00054

Severity SEVERE

Description An exception occurred while setting message-driven bean context.

Action See the error message and the stack trace following this error message for reason.

MDB00055

Severity SEVERE

Description An exception occurred while closing message-driven bean container's `ConnectionConsumer`.

Action See the error message and the stack trace following this error message for reason.

MDB00058

Severity SEVERE

Description The message-driven bean container's JMS connection threw an exception during server shutdown.

Action See the error message for the connection exception.

MDB00060

Severity	SEVERE
Description	An invalid or inconsistent attribute value was found in the mdb-container element in server.xml value.
Action	Check valid values in mdb-container element in server.xml.

MDB

Resource Adapter

This chapter lists error messages that originate from the resource adapter.

RAR

RAR5001

Severity	SEVERE
Description	An error occurred while returning an object to the pool. This error occurred while closing a <code>ManagedConnection</code> from the resource adapter.
Action	Contact the vendor of the resource adapter for support.

RAR5002

Severity	SEVERE
Description	An error occurred in the monitoring pool size. This error occurs while closing a <code>ManagedConnection</code> from the resource adapter.
Action	Contact the vendor of the resource adapter for support.

RAR5003

Severity	SEVERE
Description	An error occurred while loading the <code>server.xml</code> .
Action	Make sure you have access to <code>server.xml</code> file.

RAR5004

Severity	SEVERE
Description	An error occurred during the XA recovery process.
Action	See the transaction log for more information on the recovery process.

RAR5005

Severity	SEVERE
Description	An error occurred during the XA recovery process.
Action	See the transaction log for more information on the recovery process.

RAR5007

Severity	SEVERE
Description	An exception occurred while creating a data source object.
Action	Enable the debugger to get more information on why this error occurred.

RAR5008

Severity	SEVERE
Description	A generic exception occurred while creating a custom resource.
Action	Make sure that the custom resource that are installed are correct.

RAR5009

Severity	WARNING
Description	Unable to load external-jndi-resource factory-class.
Action	See the <code>InitialContextFactory</code> class for the external resource and make sure that it is available in the server classpath.

RAR5010

Severity	WARNING
Description	The external-jndi-resource factory-class must be of type <code>javax.naming.spi.InitialContextFactory</code> .
Action	Ensure that the <code>InitialContextFactory</code> class provided is an instance of <code>javax.naming.spi.InitialContextFactory</code> .

RAR5011

Severity	SEVERE
Description	An exception occurred while creating the initial context for the external JNDI factory.
Action	The loading of <code>InitialContextFactory</code> was successful. However, make sure that the other properties of the resource being installed are correct.

RAR5012

Severity	SEVERE
Description	Unable to create an external-jndi-resource factory-class.
Action	The loading of <code>InitialContextFactory</code> was successful. However, make sure that the other properties of the resource being installed are correct.

RAR5015

Severity	SEVERE
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Description	An exception occurred while loading the class.
Action	Make sure the classpath of <code>InitialContextFactory</code> class is correct.

RAR5016

Severity	WARNING
Description	While uninstalling the resource adapter, the <code>server.xml</code> could not be changed and an exception occurred.
Action	Make sure you have access to the <code>server.xml</code> file.

RAR5017

Severity	SEVERE
Description	Unable to locate the connection descriptor name.
Action	Make sure the <code>DeploymentDescriptor</code> of the resource adapter being installed is correct.

RAR5018

Severity	SEVERE
Description	Unable to create connection factory.
Action	Make sure all the properties related to the connection factory are correct.

RAR5019

Severity	SEVERE
Description	An error occurred while loading the JAR file during inspection.
Action	Make sure you have proper access permissions to the <code>.jar</code> file.

RAR5024

Severity	SEVERE
Description	An error occurred while adding a resource to the configuration file.
Action	Make sure there is sufficient disk space and that the user has appropriate directory access permission.

RAR5025

Severity	WARNING
Description	An error occurred while removing the J2EE resource.
Action	Make sure there is sufficient disk space and that the user has appropriate directory access permission.

RAR5026

Severity	SEVERE
Description	An exception occurred due to an incomplete transaction.
Action	See the exception message that appears along with this message and the transaction manager error logs for information on why this error occurred.

RAR5027

Severity	SEVERE
Description	An exception occurred in resource pooling.
Action	See the exception message that appears along with this message for information on why this error occurred.

RAR5028

Severity	SEVERE
Description	An exception occurred in the number formatting.

Action	Ensure that the <code>idle.resource.threshold</code> value in the configuration file is a numeric value.
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RAR5029

Severity	SEVERE
Description	An exception occurred while registering the component.
Action	See the transaction logs for more information.

RAR5030

Severity	WARNING
Description	An exception occurred while registering the synchronization.
Action	See the exception message that appears along with this message for information on why the error occurred.

RAR5031

Severity	WARNING
Description	A system exception occurred while unregistering a resource. There may be an error in the resource.
Action	See the server log files for more information.

RAR5032

Severity	WARNING
Description	An exception occurred while returning the resource to the pool.
Action	See the accompanying exception message for more information on why this error occurred.

RAR5034

Severity	SEVERE
Description	Unable to resize pools.
Action	Modify the size of the pool quantity and try again.

RAR5035

Severity	SEVERE
Description	An error occurred while closing a resource (JDBC/JMS/Connector).
Action	See the exception message for more information on why this error occurred.

RAR5040

Severity	SEVERE
Description	Unable to get local connection.
Action	See the accompanying exception message for more information.

RAR5041

Severity	SEVERE
Description	Unable to get JDBC connection.
Action	See the accompanying exception message for more information.

RAR5042

Severity	SEVERE
Description	An error occurred while accessing the XA resource for recovery.
Action	See the transaction log for more information on the recovery process.

RAR5043

Severity	SEVERE
Description	An error occurred while creating the data source object.
Action	Enable the debugger to get information on how to correct this error.

RAR5045

Severity	SEVERE
Description	An error occurred while creating a naming reference for custom resource.
Action	Make sure that the custom resource being installed are correct.

RAR5046

Severity	SEVERE
Description	An exception occurred while the classloader was loading the class.
Action	Make sure the classpath of <code>InitialContextFactory</code> class supplied is correct.

RAR5047

Severity	SEVERE
Description	An exception occurred while creating initial context for external JNDI factory.
Action	The loading of <code>InitialContextFactory</code> was successful. However, make sure that the other properties of the resource that are installed are correct.

RAR5049

Severity	SEVERE
Description	An error occurred while publishing JDBC connection pool resource.

Action Make sure that the connection pool properties in the `server.xml` are correct.

RAR5050

Severity WARNING

Description JDBC connection pool has an invalid validation type. The default is set to *false*.

Action Make sure that the connection validation type is correct.

RAR5051

Severity SEVERE

Description The JDBC pool monitoring bean registration failed.

Action See the accompanying exception message for more information.

RAR5055

Severity SEVERE

Description Missing parameter in properties file.

Action Ensure that `IASIndiNames.properties` has all the values required.

RAR5056

Severity SEVERE

Description Failed to parse the XML deployment descriptor.

Action Make sure that deployment descriptor is correct.

RAR5057

Severity SEVERE

Description	Failed to parse the XML deployment descriptor.
Action	Make sure that deployment descriptor is correct.

RAR5058

Severity	SEVERE
Description	An error occurred while resizing the pool.
Action	See the accompanying exception message for more information.

Runtime

This chapter lists error messages that originate at runtime.

RNTM

RNTM2024

Severity	WARNING
Description	Application server instance is detected to be unhealthy.
Action	Check the application server instance, and bring it up.

RNTM2029

Severity	WARNING
Description	Application server instance may be rejecting connections because of saturation.
Action	Check the health of the application server instance, and check the network traffic between the loadbalancer and the application server instance.

RNTM2030

Severity	WARNING
Description	Application server instance may be down.
Action	Check the health of the application server instance.

RNTM3000

Severity	ERROR
Description	Internal error
Action	Restart the server.

RNTM3001

Severity	ERROR
Description	Application server instance listener url has an error.
Action	Check the loadbalancer.xml for any errors in the listeners attribute of instance element. Check the DNS configuration for any errors.

RNTM3002

Severity	ERROR
Description	Two listeners are having the same value which is not allowed.
Action	Check the loadbalancer.xml for any duplicate entries for listeners.

RNTM3003

Severity	ERROR
Description	Internal error while disabling instance or application.
Action	Restart the server.

RNTM3005

Severity	ERROR
Description	Failed to initialize load balancing subsystem.
Action	Check the loadbalancer.xml file and the path to it.

RNTM3007

Severity	WARNING
Description	Invalid error file.
Action	Check the loadbalancer.xml and the error-url attribute of web-module element.

RNTM

Router

This chapter lists error messages that originate from the router.

ROUT

ROUT1014

Severity	WARNING
Description	An error happened while servicing the request. As the URL is not idempotent, it cannot be retried.
Action	Check the health of the application server instance and the response-timeout-in-seconds parameter in loadbalancer.xml. Increase the timeout and try again.

ROUT

Security Services

This chapter lists error messages that originate from the security services.

SEC

SEC1000

Severity	WARNING
Description	Generic exception information report.
Action	Refer to exception data. To understand the context of this log message, see the other log messages reported along with this message.

SEC1050

Severity	WARNING
Description	Certificate realm is not configured properly.
Action	If an application is using certificate client authentication, set the realm name to <code>certificate</code> in the <code>server.xml</code> file.
See Also	<i>Developer's Guide</i> , chapter "Securing J2EE Applications".

SEC1100

Severity	WARNING
Description	Realm configuration had a fatal error and is therefore disabled.
Action	To understand the context of this log message, see the other log messages reported along with this message. Correct the realm configuration and restart the server.
See Also	<i>Developer's Guide</i> , chapter "Securing J2EE Applications".

SEC1101

Severity	SEVERE
Description	All configured realms are invalid. Application Server requires at least one valid realm to run.
Action	Verify and fix the configuration of <code>auth-realm</code> entries in <code>server.xml</code> .
See Also	<i>Developer's Guide</i> , chapter "Securing J2EE Applications".

SEC1102

Severity	WARNING
Description	The configuration for this realm lacks a JAAS context property.
Action	Verify and fix the <code>jaas-context</code> property of the realm configuration in <code>server.xml</code> .
See Also	<i>Developer's Guide</i> , chapter "Securing J2EE Applications".

SEC1103

Severity	WARNING
Description	A non-existent authentication handler has been requested.
Action	If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor for support.

SEC1104

Severity	WARNING
Description	A non-existent credential has been requested.
Action	See exception for more details. If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor for support.

SEC1105

Severity	WARNING
Description	A non-existent password credential has been requested.
Action	See exception for more details. If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor adapter for support.

SEC1106

Severity	WARNING
Description	LDAP server returned an error during search operation.
Action	See the server log for search query details. Also refer the LDAP server logs, which may contain more information about the failure of search operation.

SEC1108

Severity	WARNING
Description	An error occurred while writing to the realm data file. Updates to the data file were most likely lost.
Action	Verify and fix the contents of the realm data file. See exception for error details.

SEC1109

Severity	WARNING
Description	Server was unable to read the realm data file.
Action	See exception for error details. Verify that the file exists, and if it does, make sure it is readable and the data is not corrupt.

SEC1110

Severity	WARNING
Description	Certificate realm has been queried for JAAS context, indicating a misconfiguration.
Action	Fix the configuration of <code>auth-realm</code> entries in <code>server.xml</code> .
See Also	<i>Developer's Guide</i> , chapter "Securing J2EE Applications".

SEC1120

Severity	WARNING
Description	Configuration error in <code>audit-enabled</code> option in <code>server.xml</code> .
Action	Fix the <code>audit-enabled</code> option in <code>server.xml</code> , in the <code>security-service</code> element.

SEC1130

Severity	WARNING
Description	Application code does not have permission to invoke programmatic login.
Action	Grant required permissions to your application.
See Also	<i>Developer's Guide</i> , chapter "Securing J2EE Applications".

SEC1132

Severity	WARNING
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Description	An internal error occurred while processing programmatic login.
Action	Analyze the System , as described on page 15 .

SEC1133

Severity	WARNING
Description	Illegal access of internal interfaces.
Action	Contact the vendor of the application for support.

SEC5022

Severity	WARNING
Description	Error reading <code>anonymous-role</code> option in <code>server.xml</code> .
Action	Fix the <code>anonymous-role</code> option of the <code>security-service</code> element in <code>server.xml</code> .
See Also	<i>Developer's Guide</i> , chapter "Securing J2EE Applications".

SEC5023

Severity	SEVERE
Description	An exception occurred while querying group membership for <code>principal</code> .
Action	See exception for more details. If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor for support.

SEC5024

Severity	SEVERE
Description	Internal error processing credentials.
Action	See exception for more details. If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor for support.

SEC5037

Severity	WARNING
Description	Error reading default-principal attribute from server.xml.
Action	Check server.xml for default-principal attribute in security-service. This is an optional attribute and should <i>not</i> be specified.

SEC5038

Severity	WARNING
Description	Internal error establishing default security context.
Action	Analyze the System , as described on page 15 .

SEC5041

Severity	SEVERE
Description	Error loading or initializing a realm.
Action	See exception for more details. Verify realm configuration in server.xml. If you are using a custom or third-party realm, contact the vendor for support.

SEC5042

Severity	SEVERE
Description	Error creating a realm instance.
Action	See exception for more details. Verify the realm configuration in server.xml. If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor for support.

SEC5043

Severity	SEVERE
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Description	An internal error occurred while processing authentication.
Action	See exception for more details. If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor for support.

SEC5044

Severity	SEVERE
Description	An internal error occurred while processing authentication.
Action	See exception for more details. If you are using a realm provided in the Application Server, Analyze the System , as described on page 15 . If you are using a custom or third-party realm, contact the vendor for support.

SEC5100

Severity	WARNING
Description	An internal error has occurred.
Action	Analyze the System , as described on page 15 .

SEC

UTIL Services

This chapter lists error messages that originate from the Utility services.

UTIL

UTIL6003

Severity	SEVERE
Description	A malformed URL exception occurred in <code>ConnectorClassLoader</code> while trying to add a resource adapter.
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6004

Severity	SEVERE
Description	An IO exception occurred while loading the properties from <code>cis.properties</code> file.
Action	Ensure that the formatting of entries in the properties file is correct.

UTIL6005

Severity	SEVERE
Description	A malformed URL exception occurred in <code>com/sun/enterprise/util/EJBClassLoader</code> .

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information.

UTIL6007

Severity SEVERE

Description An exception occurred while creating a new ZIP file from a group of entries. One of the entries is invalid.

Action [Analyze the System](#), as described on [page 15](#) with the stack trace information.

UTIL6009

Severity SEVERE

Description A config exception occurred in the ORB Manager. Some errors occurred while getting the IIOP service and the IIOP listener associated values from `server.xml`.

Action See if the values for the IIOP service and IIOP listener in `server.xml` are correct and properly formatted.

UTIL6017

Severity SEVERE

Description An internal error occurred.

Action [Analyze the System](#), as described on [page 15](#) with the server log information.

UTIL6018

Severity SEVERE

Description An internal error occurred.

Action [Analyze the System](#), as described on [page 15](#) with the server log information.

UTIL6021

Severity	SEVERE
Description	When an invalid number of arguments are passed to this JAR utility, an error message is logged in <code>server.log</code> .
Action	Analyze the System , as described on page 15 with the server log information.

UTIL6024

Severity	SEVERE
Description	An exception occurred in <code>FileUtil.CountWords()</code> .
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6027

Severity	SEVERE
Description	An exception occurred in <code>invokeApplicationMain</code> .
Action	Make sure that <code>invokeApplicationMain</code> is present in the specified class.

UTIL6028

Severity	WARNING
Description	This exception occurs if you are running a test for equality of two JAR entry fails.
Action	No action required.

UTIL6031

Severity	WARNING
Description	There was an error in the format of a numeric quantity in <code>server.xml</code> .
Action	See the stack trace information to locate the erroneous numeric quantity.

UTIL6032

Severity	SEVERE
Description	An error occurred while initializing the monitoring mechanism for ORB connections.
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6033

Severity	SEVERE
Description	Problem initializing monitoring for the ORB threadpool.
Action	Analyze the System , as described on page 15 with the full stack trace information.

UTIL6034

Severity	SEVERE
Description	A generic error occurred while initializing the ORB monitoring mechanism.
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6035

Severity	WARNING
Description	The numeric format of the ORB message fragment size is incorrect.
Action	Correct the numeric format of the ORB message fragment size attribute in <code>server.xml</code> . The default value was used.

UTIL6045

Severity	WARNING
Description	Could not create the default reporter.
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6545

Severity	WARNING
Description	An internal error occurred in the reporter. Unable to find/make default reporter.
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6548

Severity	SEVERE
Description	An internal exception occurred.
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6549

Severity	SEVERE
Description	An IO exception occurred.
Action	Make sure you have Write access permission to create the file in the directory specified.

UTIL6550

Severity	SEVERE
Description	An error occurred in the local string manager. The resource bundle may be missing.
Action	Make sure you have specified the correct package name.

UTIL6551

Severity	SEVERE
Description	An internal error occurred while storing the local string manager into a hash table. The package name or the string manager may be null.
Action	Analyze the System , as described on page 15 with the stack trace information.

UTIL6552

Severity	SEVERE
Description	An error occurred while constructing the local string manager object.
Action	<p>Possible reasons and action to be taken to correct this error are:</p> <ul style="list-style-type: none">• No resource bundle properties file found. Make sure you have specified a correct package name.• An internal error occurred. Analyze the System, as described on page 15 with the stack trace information.

UTIL6553

Severity	WARNING
Description	An error occurred while formatting the local string.
Action	An internal error occurred while trying to format the error message. Analyze the System , as described on page 15 with the detailed stack trace.

UTIL8050

Severity	WARNING
Description	Maximum entries in the cache is specified as 0 or less than 0.
Action	Check the configuration of the cache. Set the maximum entries to a value greater than 0.
See Also	UTIL8051

UTIL8051

Severity	WARNING
Description	Maximum entries in the cache is specified as 0 or less than 0.
Action	Check the configuration of the cache. Set the maximum entries to a value greater than 0.

Verifier Tool

This chapter lists error messages that originate from the verifier tool.

VRFY

The verifier tool validates both J2EE and Application Server specific deployment descriptors against their corresponding DTD files and gives errors and warnings if a module or application is not J2EE and Application Server compliant. You can verify deployment descriptors in EAR, WAR, RAR, and JAR files.

The verifier tool is not simply an XML syntax verifier. Rules and interdependencies between various elements in the deployment descriptors are verified. Where needed, user application classes are introspected to apply validation rules.

VRFY5001

Severity	SEVERE
Description	The specified class could not be instantiated.
Action	Make sure the class to be instantiated is not an interface or an abstract class.

VRFY5002

Severity	SEVERE
Description	The specified class was not found.
Action	Make sure the specified class is in the classpath.

VRFY5003

Severity	SEVERE
Description	The class could not be accessed.
Action	Make sure you have access to the class. The method or class called does not have the specified access.

VRFY5101

Severity	WARNING
Description	There was an IO exception reading and parsing the <code>ServerTestList.xml</code> file.
Action	The <code>ServerTestList.xml</code> file resides in the <code><install-root>/lib</code> directory. Make sure this file exists and has Read permissions. Do <i>not</i> modify this file manually.

VRFY5102

Severity	WARNING
Description	A parser configuration exception occurred while instantiating the parser.
Action	Make sure the correct parser is in the server classpath. This error occurs only when the server has been configured to use another parser other than the default parser bundled with JDK1.4.

VRFY5103

Severity	WARNING
Description	An error occurred while parsing the <code>ServerTestList.xml</code> file due to a <code>SAXParseException</code> .
Action	The <code>ServerTestList.xml</code> file resides in the <code><install-root>/lib</code> directory. Make sure this file has Read permissions and is a valid XML document. This exception occurs only when the <code>ServerTestList.xml</code> file has been manually edited and saved, or the file is not a valid XML document. Do <i>not</i> modify this file manually.

Web Container

This chapter lists error messages that originate from the web container.

WEB

WEB0101

Severity	SEVERE
Description	A generic exception occurred while loading a web application.
Action	Refer to exception data to determine the cause of the problem. Correct the errors, and redeploy or reload the application.

WEB0102

Severity	SEVERE
Description	An error occurred that prevents the web container from functioning correctly.
Action	Restart the server instance. If the problem persists, Analyze the System , as described on page 15 .

WEB0103

Severity	SEVERE
Description	An error occurred that prevents the web container from functioning correctly.
Action	Restart the server instance. If the problem persists, Analyze the System , as described on page 15 .

WEB0104

Severity	SEVERE
Description	An error occurred that prevents the web container from functioning correctly.
Action	Restart the server instance. If the problem persists, then Analyze the System , as described on page 15 .

WEB0105

Severity	SEVERE
Description	An error occurred during web container startup.
Action	Refer to exception data to determine the cause of the problem. Correct the errors, and redeploy or reload the application.

WEB0106

Severity	SEVERE
Description	An error occurred while stopping the web container. All the web applications may not have shutdown properly. Loss of session data might occur even if the session is configured for <i>persistence</i> .
Action	Refer to exception data to determine the cause of the problem.

WEB0107

Severity	SEVERE
Description	An error occurred in the configuration specified in <code>server.xml</code> .

Action	Refer to exception data to determine the cause of the configuration error. Correct the errors and reconfigure the server.
See Also	<i>Configuration File Reference.</i>

WEB0108

Severity	SEVERE
Description	The path specified in the <code>extra-class-path</code> attribute of the <code>class-loader</code> element in <code>sun-web.xml</code> does not exist.
Action	Ensure that the correct path separator (":" for UNIX and ";" for Windows) is used to separate the path components of the <code>extra-class-path</code> attribute. Ensure that the file and directory specified in this error message exists. Correct the errors and redeploy or reload the application.
See Also	<i>Developer's Guide to Web Applications</i> , chapter "Assembling and Deploying Web Modules".

WEB0112

Severity	SEVERE
Description	An error occurred while loading the specified web application.
Action	To understand the context of this log message, refer the other log messages reported along with this message. Correct the errors and redeploy the application.

WEB0113

Severity	SEVERE
Description	The context-root of the specified web application is already in use by another web application.
Action	Change the context-root from where the specified web application is deployed. Redeploy or reload the application.

- See Also**
- *Developer's Guide to Web Applications*, chapter “Assembling and Deploying Web Modules”.
 - *Java 2 Platform Enterprise Edition Specification 1.3*, chapter “Application Assembly and Deployment - J2EE”.
 - *Administrator's Configuration File Reference*, chapter “Server Configuration Files”.

WEB0202

- Severity** SEVERE
- Description** An error occurred in the `server.xml` configuration of the specified `<virtual-server>` element.
- Action** Ensure that `<virtual-server>` element exists in `server.xml` corresponding to the virtual server specified in this error message.
Correct the errors and redeploy or reload the application.
- See Also** *Administrator's Configuration File Reference*, chapter “Server Configuration Files”.

WEB0203

- Severity** SEVERE
- Description** An error occurred that indicates that there is no web-module information in `server.xml` corresponding to the name used in the `default-web-module` attribute of the specified `virtual-server` element.
- Action** Ensure that the value used in the `default-web-module` attribute corresponds to a value specified in one of the web-module's “name” attribute in `server.xml`. Correct the errors and redeploy or reload the application.
- See Also**
- *Administrator's Configuration File Reference*, chapter “Server Configuration Files”.
 - *Administrator's Configuration File Reference*, chapter “Server Configuration Files”.

WEB0204

- Severity** SEVERE

Description	The web module specified by the <code>default-web-module</code> attribute of the virtual server has been disabled in <code>server.xml</code> . As a result, the system default web module is deployed as the default web module for this virtual server.
Action	Enable the web module and reconfigure the instance by applying the changes.
See Also	<i>Administrator's Guide</i> , chapter "Deploying Applications".

WEB1001

Severity	SEVERE
Description	An invalid character encoding was used to decode parameters in the request.
Action	Ensure that any character encoding specified in <code>sun-web.xml</code> is one of the supported encodings. Redeploy or reload the application.
See Also	<ul style="list-style-type: none"> • <i>Java Servlet Specification Version 2.3</i>, chapter "SRV.4.9 Request data encoding". • <i>Developer's Guide to Web Applications</i> chapter "Assembling and Deploying Web Modules".

WEB1002

Severity	SEVERE
Description	Indicates an input or output error while reading form POST data.
Action	Resubmit the form.

WEB2001

Severity	SEVERE
Description	Generic message when an error occurs while processing a web application request.
Action	To understand the context of this error message, refer the other log messages reported along with this message.

WEB4002

Severity	SEVERE
Description	Indicates an irrecoverable error while initializing the specified virtual server.
Action	<p>Refer to the messages logged along with this message to determine the cause of the error.</p> <p>If this error occurs during startup the server startup fails and the errors must be fixed before the server can successfully start. If the server is already running this error does not affect the server that is running. Correct the errors and apply the changes to the server.</p>

WEB5002

Severity	SEVERE
Description	A generic message when an error occurs while processing a web application request.
Action	To understand the context of this error message, refer the other log messages reported along with this message.

WEB5003

Severity	SEVERE
Description	A generic message when an error occurs while processing a web application request.
Action	To understand the context of this error message, refer the other log messages reported along with this message.

WEB5004

Severity	SEVERE
Description	Generic message when an error occurs while processing a web application request.
Action	To understand the context of this error message, refer the other log messages reported along with this message.

WEB5005

Severity	SEVERE
Description	Generic message when an error occurs while processing a web application request.
Action	To understand the context of this error message, refer the other log messages reported along with this message.

WEB6000

Severity	SEVERE
Description	An error occurred that prevents the web container from functioning correctly.
Action	Restart the server instance. If the problem persists, Analyze the System , as described on page 15 .

WEB6001

Severity	SEVERE
Description	An error occurred when creating or configuring the servlet caching subsystem. Does not affect other web applications.
Action	To understand the context of this error message, refer the other log messages reported along with this message. Correct the errors in the servlet cache configuration in <code>sun-web.xml</code> and redeploy or reload the application.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Using Servlets”. • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8001

Severity	SEVERE
Description	An error occurred while creating or configuring the servlet caching subsystem of a web application.

Action	To understand the context of this error message, refer the other log messages reported along with this message. Correct the errors in the servlet cache configuration in <code>sun-web.xml</code> . Redeploy or reload the application. This error does not affect other web applications.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Using Servlets”. • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8002

Severity	SEVERE
Description	Indicates an error during initialization of the <code>CacheHelper</code> class of the caching subsystem of a web application.
Action	Refer the other log messages reported along with this message and correct the cache helper implementation accordingly. Redeploy or reload the application. This error does not affect other web applications.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Using Servlets”. • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8020

Severity	SEVERE
Description	The value of the specified scope attribute is incorrect. This may prevent the servlet caching subsystem for the web application from functioning correctly. This error does not affect other web applications.
Action	Correct the “scope” setting in the <code><cache-mapping></code> element in <code>sun-web.xml</code> and redeploy or reload the application.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8021

Severity	SEVERE
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Description	<p>An error occurred in the value specified in the <code>constraint-field</code> subelement of the caching configuration in <code>sun-web.xml</code>.</p> <p>This may prevent the servlet caching subsystem for the web application from functioning correctly. This error does not affect other web applications.</p>
Action	Specify a numeric value and redeploy or reload the application.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8022

Severity	SEVERE
Description	<p>Indicates an error in the value specified in a <code>constraint-field</code> subelement of the caching configuration in <code>sun-web.xml</code>.</p> <p>This may prevent the servlet caching subsystem for the web application from functioning correctly. This error does not affect other web applications.</p>
Action	Specify a numeric value and redeploy or reload the application.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8023

Severity	SEVERE
Description	<p>Indicates an invalid value in the “<code>match-expr</code>” attribute of a <code>constraint-field</code>'s <code><value></code> element of the caching configuration in <code>sun-web.xml</code>.</p> <p>This may prevent the servlet caching subsystem of the web application from functioning correctly. This error does not affect other web applications.</p>
Action	Use one of the values allowed for <code>match-expr</code> and redeploy or reload the application.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8024

Severity	SEVERE
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Description	<p>Indicates an incorrect specification of numerical range in a constraint-field that specifies <code>match-expr= 'in-range '</code> (which is part of the caching configuration in <code>sun-web.xml</code>).</p> <p>This may prevent the servlet caching subsystem of the web application from functioning correctly. This error does not affect other web applications.</p>
Action	Specify a numerical range using the format <code>xx-yy</code> . For example, 50-55
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8025

Severity	SEVERE
Description	<p>Indicates a missing hyphen (-) in a numerical range specification in a constraint-field that specifies <code>match-expr= 'in-range '</code> (which is part of the caching configuration in <code>sun-web.xml</code>).</p> <p>This may prevent the servlet caching subsystem of the web application from functioning correctly. This error does not affect other web applications.</p>
Action	Specify a numerical range using the format <code>xx-yy</code> . For example, 50-55.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8026

Severity	SEVERE
Description	<p>Indicates a missing hyphen(-) in a numerical range specification in a constraint-field that specifies <code>match-expr= 'in-range '</code> (which is part of the caching configuration in <code>sun-web.xml</code>).</p> <p>This may prevent the servlet caching subsystem for the web application from functioning correctly. This error does not affect other web applications.</p>
Action	Specify a numerical range using the format <code>xx-yy</code> . For example, 50-55.
See Also	<ul style="list-style-type: none"> • <i>Developer's Guide to Web Applications</i>, chapter “Assembling and Deploying Web Modules”.

WEB8027

Severity	SEVERE
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Description	<p>Indicates a missing hyphen(-) in a numerical range specification in a constraint-field that specifies match-expr='in-range' (which is part of the caching configuration in <code>sun-web.xml</code>).</p> <p>This may prevent the servlet caching subsystem for the web application from functioning correctly. This error does not affect other web applications.</p>
Action	<p>Specify a numerical range using the format xx-yy. For example, 50-55.</p>
See Also	<ul style="list-style-type: none">• <i>Developer's Guide to Web Applications</i>, chapter "Assembling and Deploying Web Modules".

WEB8028

Severity	SEVERE
Description	<p>Indicates a missing hyphen(-) in a numerical range specification in a constraint-field that specifies match-expr='in-range' (which is part of the caching configuration in <code>sun-web.xml</code>).</p> <p>This may prevent the servlet caching subsystem for the web application from functioning correctly. This error does not affect other web applications.</p>
Action	Specify a numerical range using the format xx-yy. For example, 50-55.
See Also	<ul style="list-style-type: none">• <i>Developer's Guide to Web Applications</i>, chapter "Assembling and Deploying Web Modules".

WEB8074

Severity	SEVERE
Description	Generic exception information report when an error occurs while gathering monitoring data.
Action	Refer to exception data to determine the cause of the problem.

WEB8075

Severity	SEVERE
Description	Indicates an error during initialization of the web monitoring subsystem.
Action	Refer to exception data to determine the cause of the problem. Restart the server instance. If the problem persists, then Analyze the System , as described on page 15 .

WEB8076

Severity	SEVERE
Description	Indicates an error while gathering monitoring data.
Action	Refer to exception data to determine the cause of the problem.

WEB8077

Severity	SEVERE
Description	Indicates an error during initialization of the web monitoring subsystem.
Action	Refer to exception data to determine the cause of the problem. Restart the server instance. If the problem persists, then Analyze the System , as described on page 15 .

WEB8078

Severity	SEVERE
Description	Indicates an error while gathering monitoring data.
Action	Analyze the System , as described on page 15 .

WEB8079

Severity	SEVERE
Description	Indicates that the specified attribute name is not monitored.

Action	Check the <code>asadmin</code> command line and ensure that the attribute name specification has valid values.
See Also	<i>Administrator's Guide</i> , chapter "Monitoring the Application Server".

WEB9001

Severity	SEVERE
Description	<p>Indicates an error that prevents the caching subsystem of the web application from functioning correctly.</p> <p>This error does not affect other web applications.</p>
Action	Restart the server instance. If the problem persists, then Analyze the System , as described on page 15 .

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