

# Novell Audit 2.0 Readme

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## 1 Documentation

The following sources provide information about Novell® Audit 2.0:

- Installation: *Novell Audit Installation Guide* (<http://www.novell.com/documentation/novellaudit20/install/data/bktitle.html>)
- Online product documentation: *Novell Audit Administration Guide* (<http://www.novell.com/documentation/novellaudit20/index.html>)

## 2 Documentation Conventions

In this documentation, a greater-than symbol (>) is used to separate actions within a step and items in a cross-reference path.

A trademark symbol (® , TM, etc.) denotes a Novell trademark; an asterisk (\*) denotes a third-party trademark

## 3 Supported Platforms

The following sections review the supported platforms for the Novell Audit components.

### 3.1 Secure Logging Server

- Open Enterprise Server 1.0 SP1 (NetWare® and Linux\*)
- NetWare 6.5
- Windows\* 2003 Server
- Windows 2000 Server SP4 or later
- SUSE® Linux Enterprise Server 9
- Red Hat\* 3 Linux AS and ES
- Solaris\* 8, 9 and 10

### 3.2 Platform Agent

- Open Enterprise Server 1.0 SP1 (NetWare and Linux)
- NetWare 6.5
- Windows 2000
- Windows 2000 Server SP4 or later
- Windows XP Professional and Home Editions
- Windows 2003 Server

- SUSE Linux Enterprise Server 9
- Red Hat 3 AS and ES
- Solaris 8, 9 and 10

### 3.3 eDirectory Instrumentation

- eDirectory™ 8.7 (NetWare, Windows, Linux, and Solaris)
- eDirectory 8.8 (NetWare, Windows, Linux, and Solaris)

### 3.4 NetWare Instrumentation

- NetWare 6.5
- OES NetWare

### 3.5 Windows Instrumentation

- Windows 2000
- Windows 2000 Server SP4 or later
- Windows XP Professional and Home Editions
- Windows 2003 Server

### 3.6 Log Parser Instrumentation

The Log Parser Instrumentation can harvest events from text-based log files such as Syslog, Apache error logs, and Novell® Application Launcher™ logs on all supported platforms.

## 4 Known Limitations

The following issues have been identified for this release of Novell Audit.

### 4.1 Linux Installation

If after extending the schema during the full installation, the script exits and says KILLED, rerun the `pinstall.lin` script, then select the *Novell Audit Secure Logging Server* option. When the schema extension tool (`auditext`) launches again, simply exit the tool without making any changes and the installation should proceed normally.

### 4.2 Platform Agent Upgrade on Windows

A problem has been found in the Windows *Platform Agent Only* install. This only affects developers installing the agent libraries for development purposes as an upgrade to the 1.0.3 product on Windows platforms. The installation program sees that versions of `lcache.exe` and `logevent.dll` are present and does not handle updating them. To work around this problem, either remove these files from the `\windows\system32` directory or rename them so the new versions of these files are installed.

## 4.3 jmsSamples.jar File

This product release contains a sample file (`jmsSamples.jar`) that can be used to verify JMS Producer-to-Consumer communications. The Java\* classes in this file perform a minimal number of functionality checks. Consequently, some users might find that these minimal tests do not sufficiently test their JMS configuration in conjunction with Novell Audit.

An updated `jmsSamples.jar` file will be released with the [Novell Audit 2.0 SDK \(http://developer.novell.com/wiki/index.php/Category:Novell\\_Developer\\_Kit#Download\)](http://developer.novell.com/wiki/index.php/Category:Novell_Developer_Kit#Download).

JMS testing procedures and a JMS Consumer design framework will also be documented in the SDK.

## 4.4 JCBC Libraries

Currently, the help system states that Novell Audit automatically installs all required `.jar` files with the iManager plug-in. This is incorrect. Before you create a JDBC Channel object, you must manually copy all required JDBC\* libraries (`*.jar`) to the following iManager class paths on your iManager server:

- **NetWare:** `sys:\tomcat\4\common\lib`
- **Linux and Solaris:** `/var/opt/novell/tomcat4/common/lib`
- **Windows:** `c:\program files\novell\tomcat\common\lib`

## 4.5 JDBC with MySQL

Currently, the JDBC channel cannot send events to a MySQL database. However, you can still use the native MySQL channel to send events to a MySQL database.

## 4.6 Potential Server Abend on NetWare

When hosting the Novell Audit data store on a NetWare server, ensure that you have sufficient disk space on your file server to handle the amount of data that will be committed to your database. If you host the database on a NetWare volume and the volume runs out of disk space, you run the risk of ABENDING your server.

## 4.7 Unable to Unload lengine

When `lengine` receives events from the logging system's Platform Agents, it sends the events to its log and notification channels. If it is unable to log those events to a given channel (for example, the database is unavailable or SMTP server is down), `lengine` queues the events in system memory until the channel becomes available.

When `lengine` has queued events, it will not unload from memory until the events are written to the configured channels. If an unavailable channel comes back online, `lengine` processes its queued events and can be cleanly shutdown. However, if a channel is permanently unavailable, the server continues to function, but the command line is unavailable and it might not be possible to cleanly unload `lengine`. Consequently, you might have to power down the server or break into the debugger and exit the OS to unload `lengine`. If you force the server to unload `lengine` using one of these "non-clean" methods, data will be lost.

## 5 Caveats

The following issues are working as designed. The administrator should be aware of these issues when configuring Novell Audit 2.0.

### 5.1 Server Won't Load

If you are using an unlicensed server and you have configured any channels other than File, MySQL\*, or SMTP, the Secure Logging Server automatically unloads. There will not be a message in `nproduct.log`. If you do not have a licensed server and the Secure Logging Server (lengine) will not stay loaded, determine if you have any channels that require a license.

### 5.2 Notification Channels

Do not attempt to send notifications to the Monitor Channel. There is no way to retrieve specific events from the Monitor; therefore, the notification event cannot be reported.

## 6 Support Resources and Updates

- [Support \(http://support.novell.com/search/kb\\_index.jsp\)](http://support.novell.com/search/kb_index.jsp)
- [Documentation \(http://www.novell.com/documentation/novellaudit20/index.html\)](http://www.novell.com/documentation/novellaudit20/index.html)
- [Product Information \(http://www.novell.com/products/audit\)](http://www.novell.com/products/audit)
- [Updates \(http://support.novell.com/filefinder\)](http://support.novell.com/filefinder).

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