

Novell Nsure™ Identity Manager Fan-Out Driver

3.1

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QUICK START

Core Driver Quick Start Guide for Linux* and Solaris*

Before installing Identity Manager Fan-Out driver components, obtain the latest support pack and product updates, and review the Release Notes and Readme files. For the latest support information, see the [Novell Support Web site \(http://support.novell.com\)](http://support.novell.com).

This guide describes installing the core driver. This is a part of the overall process of installing, configuring, and deploying the Identity Manager Fan-Out driver. You must perform additional tasks, such as populating the census and defining platforms. For information about the overall process, see "Installing the Driver" in the *Core Driver Administration Guide*.

For Identity Manager Fan-Out driver documentation, see the [Identity Manager Driver Web site \(http://www.novell.com/documentation/dirxmldrivers\)](http://www.novell.com/documentation/dirxmldrivers).

REQUIRED KNOWLEDGE AND SKILLS

Successful installation of the core driver on Linux and Solaris servers requires administrative expertise with the Identity Manager Fan-Out driver and with the target operating system. If you are new to the driver, you should first read and understand the information presented in the *Concepts and Facilities Guide* and the *Core Driver Administration Guide*.

For Identity Manager Fan-Out driver documentation, see the [Identity Manager Driver Web site \(http://www.novell.com/documentation/dirxmldrivers\)](http://www.novell.com/documentation/dirxmldrivers).

PREREQUISITES

- 1 If you are upgrading from Account Management 3.0, review the Migration Procedure topic in the *Core Driver Administration Guide* before you begin.
- 2 Verify that the server you plan to install the core driver on is running Identity Manager 2.0.1 or later, and its required versions of eDirectory™ and iManager. For details about the system requirements for Identity Manager, see the [Identity Manager Documentation Web Site \(http://www.novell.com/documentation/dirxml20\)](http://www.novell.com/documentation/dirxml20).

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- 3 The core driver uses Secure Sockets Layer (SSL) for communications. SSL requires a source of entropy. You must install or configure an entropy daemon prior to installing the core driver. Solaris versions before Solaris 9 do not include the /dev/random device, which provides entropy. Sun* has released this functionality for versions 2.6 onward in Patch ID 112438-01.
- 4 For the LDAP server that you will use with the core driver, set the option to dereference aliases when resolving names.
 - 4a In iManager, select LDAP > LDAP Overview > View LDAP Servers.
 - 4b Click the LDAP Server.
 - 4c Under Nonstandard Behaviors, select Dereference Aliases When Resolving Names, then click Refresh.
- 5 If this installation is for the primary core driver, ensure that the target server holds replicas of all objects to be covered by a Census Search object.
- 6 If this installation is for other than the primary core driver, ensure that the primary core driver is available, because it provides installation configuration information.

INSTALLING THE CORE DRIVER

- 1 Obtain the core driver archive from the driver distribution.

Linux: IDMCOREDRIVERS/Linux/linux_coredriver.tar.gz


Solaris: IDMCOREDRIVERS/Solaris/solaris_coredriver.tar
- 2 On the Linux or Solaris server where you are installing the core driver, extract the archive to a temporary directory.

This creates and populates an ASAM directory in the temporary location.
- 3 Run ASAM/setup/cdrv-install, and respond to the prompts.

You can now remove all of the files from the temporary location.
- 4 Import and configure the Fan-Out driver.
 - 4a In iManager, select DirXML Utilities > Import Drivers. Select a new or existing driver set, then click Next.
 - 4b Select the Fan-Out driver from the list of drivers to import, then click Next.
 - 4c Provide the requested information, then click Next.
 - 4d Click Define Security Equivalences, add your ASAM Master User object, then click OK.
 - 4e Click Exclude Administrative Roles, add the Admin user, your ASAM Master User, and any other high-privilege users to the Excluded Users list, then click OK.
 - 4f Click Finish.

- 5 Restart eDirectory to bring the new indexes on line.
- 6 Start the Fan-Out driver.
 - 6a Select DirXML Management > Overview.
 - 6b Locate the driver in its driver set.
 - 6c Click the status indicator in the upper right corner of the driver icon, then click Start Driver.

INSTALLING THE iMANAGER PLUG-IN

- 1 In iManager, click the Configure button .
- 2 Select Module Configuration > Install Module Package.
- 3 Browse to the driver distribution iManagerPlugIn directory, then select FanOutWeb.npm.
- 4 Click Install.
- 5 When you are prompted to restart your Web servlet engine, restart Tomcat.

iManager uses the Apache Tomcat servlet container. For more information about iManager Web services and installing iManager plug-ins, see the *Novell iManager Administration Guide* (<http://www.novell.com/documentation/imanager20>).

Two new roles are added to iManager: Fan-Out Driver Configuration and Fan-Out Driver Utilities.

The first time you use one of these roles, you are prompted for the DNS name or IP address and the TCP port number of the primary core driver. After you provide this information, the Fan-Out driver is ready for you to continue with your deployment and testing plan.