Quick Start to NAM 2.1 Update for UNIX

Novell® Account Management™ (NAM) for UNIX is a directory-enabled application that simplifies and unifies the management of user profiles on UNIX-based platforms. It leverages all the scalability, utility, and extensibility of Novell® eDirectory™ and adds crucial integration capability. With NAM, you can eliminate many of the complexities of administering a mixed-platform network while smoothing over compatibility issues.

WHO SHOULD READ THIS QUICK START?

This Quick Start is for experienced users who want to deploy NAM right away. It assumes that you have experience with the concepts underlying user account management, and is designed to guide you quickly through install and configuration procedures. For more detailed information, refer to the Novell Account Management 2.1 Update for UNIX Administration Guide.

PRE-INSTALL INSTRUCTIONS

- If you want NAM to work with SSL functionality, before you install NAM ensure that you are using eDirectory 8.5 or higher. Earlier versions of eDirectory do not support SSL.

INSTALLING AND CONFIGURING ON SOLARIS

Use the following instructions to install and configure Novell Account Management 2.1 Update on Solaris*.

MINIMUM REQUIREMENTS

- ❑ A Pentium 200 computer with 64 MB RAM.

- ❑ Solaris 2.6, 2.7, or 8 with an assigned IP address.

- ❑ Root (super user) access to the Solaris machine. If you are installing into an existing tree, you need administrative rights to the tree to extend the schema.

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INSTALLING NAM

For upgrade instructions, see .

NAM installation involves two steps: installing the packages that contain the NAM components, and configuring the product for use. Configuration extends the eDirectory schema and creates eDirectory configuration objects such as the Workstation object and the Config object.

TO INSTALL NAM PACKAGES:

1 Run the nam-install utility. To do this, download NAM from Novell Software Downloads (http://www.novell.com/download/index.html) and enter the following command:

   nam-install

2 To view the License Agreement, press Enter.

3 Read the License Agreement and enter `y` to accept it.

   The following packages are added:

   - NLDAPbase: This checks whether the LDAP SDK is present on the host and installs it, if it isn't.

   - NOVLam: This copies NAM components to the host.

   A message indicating the successful installation of these packages is now displayed.

TO CONFIGURE NAM:

Next, you must configure NAM for use by running the configuration utility, namconfig. To do so, use the following syntax:

```
namconfig add -a adminFDN -r partition_root -w workstation_context [-o] -S servername [:port] [-l sslport] [-R server [:port],server [:port],...]
```

Example:

namconfig add -a cn=admin,o=novell -r ou=nam,o=novell -w ou=ws,ou=nam,o=novell -S MYSERVER:389

NOTE: At a minimum, you must supply the following parameters: adminFDN, workstation_context, partition_root and servername.

For more information on the options that you can use with namconfig, see the NAM 2.1 Update for UNIX Administration Guide, or the nam.conf.4 and namconfig.1man pages.

The following daemon will initialize after NAM has been successfully installed and configured:

- namcd - the NAM caching daemon is installed in /etc/init.d/namcd

namconfig creates the following files:

- /etc/nam.conf: the sample NAM configuration file

- /etc/pam.conf.nam: the sample configuration file for authentication

- /etc/nsswitch.conf.nam: the sample configuration file for Name Service Switch calls

INSTALLING AND CONFIGURING ON LINUX

Use the following instructions to install and configure Novell Account Management 2.1 Update on Linux*.

MINIMUM REQUIREMENTS

- ❑ A Pentium 200 computer with 64 MB RAM.

- ❑ Glibc version 2.1.3 or later.

- ❑ Kernel version 2.2 *xx* or later.

- ❑ Root (super user) access to the Linux machine. If you are installing into an existing tree, you need administrative rights to the tree to extend the schema.

INSTALLING NAM

For upgrade instructions, see "Upgrading to NAM 2.1 Update" on page 4.

NAM installation involves two steps: installing the packages that contain the NAM components, and configuring the product for use. Configuration extends the eDirectory schema and creates eDirectory configuration objects such as the Workstation object and the Config object.

TO INSTALL NAM PACKAGES:

1 Run the nam-install utility. To do this, download NAM from Novell Software Downloads (http://www.novell.com/download/index.html) and enter the following command:

```
nam-install
```

2 To view the License Agreement, press Enter.

3 Read the License Agreement and enter *y* to accept it.

The following packages are added:

- NLDAPbase: This checks whether the LDAP SDK is present on the host and installs it, if it isn't.

- NOVLam: This copies NAM components to the host.

A message indicating the successful installation of these packages is now displayed.

TO CONFIGURE NAM:

Next, you must configure NAM for use by running the configuration utility, namconfig. To do so, use the following syntax:

```
namconfig add -a adminFDN -r partition_root -w workstation_context [-o] -
S servername [:port] [-l sslport] [-R server [:port],server [:port],...]
```

Example:

namconfig add -a cn=admin,o=novell -r ou=nam,o=novell -w ou=ws,ou=nam,o=novell -S MYSERVER:389

NOTE: At a minimum, you must supply the following parameters: adminFDN, workstation_context, partition_root and servername.

For more information on the options that you can use with namconfig, see the NAM 2.1 Update for UNIX Administration Guide, or the nam.conf.4 and namconfig.1man pages.

The following daemon will initialize after NAM has been successfully installed and configured:

 • namcd - The NAM caching daemon is installed in /etc/rc.d/init.d/namcd

namconfig creates the following files:

 • /etc/nam.conf: the sample NAM configuration file

 • /etc/pam.d.nam/*: sample configuration files for authentication

 • /etc/nsswitch.conf.nam: sample configuration file for Name Service Switch calls

UPGRADING TO NAM 2.1 UPDATE

If you are upgrading from an earlier version of Novell Account Management to NAM 2.1 Update, complete the following steps:

1 Run the nam-install utility. To do so, enter the following command:

   nam-install

2 To view the License Agreement, press Enter.

3 Read the License Agreement and enter **y** to accept it.

   The old packages are removed and the NAM 2.1 Update packages are added.

   NAM now calls the configuration utility namconfig, with the upgrade option.

4 Enter the administrator's name and password, when prompted. .

   namconfig now extends the eDirectory schema, and restarts the namcd and nscd daemons.

NOTE: For more detailed upgrade and configuration information , refer to the Novell Account Management 2.1 Update for UNIX Administration Guide