

Readme

Novell® NetWare®

6.5 SP8

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About This Readme

The information in this Readme applies to NetWare® 6.5 SP8 and contains the following sections:

- ♦ [“Getting Started with NetWare 6.5 SP8” on page 9](#)
- ♦ [“NetWare Issues” on page 11](#)

Getting Started with NetWare 6.5 SP8

1

The information in this section helps you get started with NetWare 6.5 SP8.

- Section 1.1, “Installing or Upgrading to NetWare 6.5 SP8,” on page 9
- Section 1.2, “Xen Virtualization,” on page 9
- Section 1.3, “Documentation,” on page 9

1.1 Installing or Upgrading to NetWare 6.5 SP8

For information about installing or upgrading to NetWare 6.5 SP8, see the *NW65 SP8: Installation Guide*.

1.2 Xen Virtualization

In the YaST Create a Virtual Machine wizard on the “Type of Operating System” page under *NetWare* is an option named *Novell NetWare 6.5 SP6 and older*. Novell did not authorize the inclusion of this option. Such installations have not been tested and are not supported.

Only installations of NetWare 6.5 SP7 and later are tested and supported by Novell.

1.3 Documentation

This Readme lists the issues specific to the NetWare 6.5 SP8 release.

For OES 2 SP2 Linux documentation, see the [NetWare 6.5 SP8 Documentation Web site \(http://www.novell.com/documentation/nw65\)](http://www.novell.com/documentation/nw65).

This section contains issues for NetWare® 6.5 SP8.

- ◆ Section 2.1, “Installation/Upgrade Issues,” on page 11
- ◆ Section 2.2, “AFP Issues,” on page 12
- ◆ Section 2.3, “Backing Up a Virtual Machine,” on page 12
- ◆ Section 2.4, “Distributed File Services (DFS) Issues,” on page 12
- ◆ Section 2.5, “Novell eDirectory 8.8 SP4 for NetWare,” on page 13
- ◆ Section 2.6, “eGuide Customization Backups,” on page 17
- ◆ Section 2.7, “iFolder 2 Manager Error on First Login Attempt,” on page 17
- ◆ Section 2.8, “iManager Issues,” on page 17
- ◆ Section 2.9, “iPrint Issues,” on page 18
- ◆ Section 2.10, “iSCSI Issues,” on page 19
- ◆ Section 2.11, “LDAP Bind Performance,” on page 19
- ◆ Section 2.12, “NSS Issue: Potential Data Loss Can Occur If the New Drive Fails When Expanding a RAID 5,” on page 20
- ◆ Section 2.13, “Post-Product Install Issue—Installation Hangs,” on page 20
- ◆ Section 2.14, “SCMT Issues,” on page 21
- ◆ Section 2.15, “SecretStore Issues,” on page 21

2.1 Installation/Upgrade Issues

- ◆ Section 2.1.1, “Reboot Option in Factory Image Response File Not Working,” on page 11
- ◆ Section 2.1.2, “Storage-Related Plug-Ins Must Be Uninstalled,” on page 11

2.1.1 Reboot Option in Factory Image Response File Not Working

If you install a NetWare VM Guest using the factory image response file and select the automatic reboot option, the VM guest will not work until you reboot it.

2.1.2 Storage-Related Plug-Ins Must Be Uninstalled

After upgrading to NetWare 6.5 SP8, you must uninstall all of the old storage-related plug-ins for iManager, then install the new ones for iManager 2.7.3. The storage-related plug-ins are available on the installation media.

In OES 2 for Linux and NetWare®, the Novell Distributed File Services and Native File Access Protocols (AFP and CIFS) for NetWare were delivered in the NSS Management plug-in (`nssmgmt.npm`). In OES 2 SP1, these roles are delivered separately in their own NPM files.

Distributed File Services is now delivered as `dfsmgmt.npm`.

The Native File Access Protocols for NetWare service has been replaced by Novell AFP (`afpnmgt.npm`) and Novell CIFS (`cifsmgmt.npm`). In OES 2 SP1, the Novell AFP and Novell CIFS plug-ins support AFP and CIFS services for NSS volumes on both Linux and NetWare.

These three new plug-ins also require the NSS Management (`nssmgmt.npm`) and Storage Management (`storagemgmt.npm`) plug-ins. Other storage-related plug-ins include Archive Versioning (`arkmgmt.npm`) and Cluster Services (`ncsmgmt.npm`). All storage-related plug-ins share code in common with the Storage Management plug-in.

You must uninstall the existing storage-related plug-ins, then install the new plug-ins at the same time to make sure that the common code works for all plug-ins.

2.2 AFP Issues

- ♦ [Section 2.2.1, “Japanese Documents Can’t Be Opened by Non-Japanese Clients,” on page 12](#)
- ♦ [Section 2.2.2, “Can’t Copy or Open Japanese i18n Files from AFP Server,” on page 12](#)

2.2.1 Japanese Documents Can’t Be Opened by Non-Japanese Clients

Documents created by a Japanese Mac OSX client on a Japanese NetWare server cannot be opened by Non-Japanese Mac clients, such as Chinese, Korean, English, etc.

2.2.2 Can’t Copy or Open Japanese i18n Files from AFP Server

Japanese Mac OSX clients can’t copy or open Japanese i18n files served from a NetWare AFP server.

2.3 Backing Up a Virtual Machine

When backing up a virtual machine running virtualized NetWare, we recommend using a remote backup source rather than a local tape device because of limitations in detecting a local tape device.

2.4 Distributed File Services (DFS) Issues

- ♦ [Section 2.4.1, “Problems Configuring Replica Sites on Virtualized NetWare,” on page 12](#)
- ♦ [Section 2.4.2, “Specifying Non-Default VLDB Database Paths on Replica Sites,” on page 13](#)
- ♦ [Section 2.4.3, “VLDB Service Start in iManager Is Not Working,” on page 13](#)
- ♦ [Section 2.4.4, “Splitting Volumes Doesn’t Work if Folders Contain Non-English Characters,” on page 13](#)

2.4.1 Problems Configuring Replica Sites on Virtualized NetWare

Problems occur when configuring two DFS replica sites on virtualized NetWare guest servers, whether they are on the same host or on different hosts.

If you specify two virtual NetWare servers as replica sites when you define the DFS management context, an error occurs that prevents the second replica site from being set up. To avoid or resolve this problem, set up one replica site when you define the DFS management context, then use the *Distributed File Services > Manage Replica Sites* page in iManager to set up a second replica site on the second virtual NetWare server.

If an existing replica site is configured on a virtual NetWare server, and you set up a second replica site on another virtual NetWare server, an error occurs when you start the VLDB services on the second site. The process is successful despite the message.

2.4.2 Specifying Non-Default VLDB Database Paths on Replica Sites

If you specify two replica sites when you create a DFS management context, it is not possible to specify non-default VLDB paths that are different for each of the replica sites. By default, each replica site uses the default VLDB path appropriate for its platform. If you specify a non-default VLDB path when two sites are selected, that path applies to both selected replica sites.

For example, you typically specify a non-default VLDB path when you cluster the VLDB service for a replica site so that the VLDB is located on a clustered resource. If you cluster each replica site, the sites might need different non-default paths on their respective servers.

To specify different non-default paths for two replica sites, create the DFS management context with a single replica site, and specify its non-default VLDB path. After the management context is successfully created, use the *Distributed File Services > Manage Replica Sites* page in iManager to add the second replica and specify the non-default VLDB path to use for its VLDB.

2.4.3 VLDB Service Start in iManager Is Not Working

It is not possible to use iManager to start the VLDB service if the VLDB database is not stored in the default location.

However, you can start the VLDB service from the server console by using the following command:

```
vldb /dir=vldbpath
```

where *vldbpath* is the path to the VLDB database file that you specified on the VLDB replica server.

2.4.4 Splitting Volumes Doesn't Work if Folders Contain Non-English Characters

Split operations are not possible on volumes that include folders with non-English characters in the folder names.

2.5 Novell eDirectory 8.8 SP4 for NetWare

- ◆ [Section 2.5.1, "Installation," on page 14](#)
- ◆ [Section 2.5.2, "Manually Extending the Schema Before Installation," on page 14](#)
- ◆ [Section 2.5.3, "Upgrading from a Previous Version," on page 15](#)
- ◆ [Section 2.5.4, "NMAS Version After Upgrading to eDirectory 8.8 SP4," on page 16](#)

- ♦ [Section 2.5.5, “DIB Upgrade Operation While Upgrading to eDirectory 8.8 SP4,” on page 16](#)
- ♦ [Section 2.5.6, “Interoperability between eDirectory and Nsure Audit 1.0.x,” on page 17](#)
- ♦ [Section 2.5.7, “iManager Plug-ins Installation,” on page 17](#)

2.5.1 Installation

This section contains issues that you might encounter while installing eDirectory.

- ♦ [“eDirectory 8.8 SP4 Installation Might Fail During Certificate Server Configuration” on page 14](#)
- ♦ [“Video Cards and Driver Settings” on page 14](#)
- ♦ [“eDirectory 8.8 SP4 on IPX Configured NetWare Server” on page 14](#)

eDirectory 8.8 SP4 Installation Might Fail During Certificate Server Configuration

On NetWare 6.5 SP3, if `sys:\NI\nis30\bin` is added to the search path in `autoexec.ncf`, installation might fail during the certificate server configuration.

Ensure that this is not added in `autoexec.ncf` before starting eDirectory 8.8 SP4 installation.

Video Cards and Driver Settings

The eDirectory, ConsoleOne, Novell iManager, and eGuide installs use Java* 1.4. This means that a minimum color depth of 8 bits (256 colors) is required by your video card and driver setting to run the installations properly. On NetWare, the video card must also be VESA-compliant.

eDirectory 8.8 SP4 on IPX Configured NetWare Server

Do not configure IPX while installing and configuring eDirectory 8.8 SP4 on NetWare servers. If you configure IPX, you might get some random issues.

2.5.2 Manually Extending the Schema Before Installation

- ♦ [“Synchronizing Schema Extensions” on page 14](#)
- ♦ [“Using NWConfig to Extend the Schema” on page 15](#)

Synchronizing Schema Extensions

In some cases, schema extensions do not synchronize fast enough to the lower levels of a tree where the first new eDirectory 8.8 SP4 server is being installed, so some features are not completely installed.

This type of problem can be avoided by manually extending the schema in your tree before you install eDirectory 8.8 SP4, using the eDirectory 8.8 SP4 schema files located in the `\nw\sys\system\schema` directory.

Using NWConfig to Extend the Schema

With eDirectory 8.7, enhancements were made to the DSI that added more flexibility in extending the schema. Many of the schema files located in the `\nw\sys\system\schema` directory, take advantage of this new functionality. If an older version of `dsi.nlm` or `dsisch.nlm` (anything older than version 10411.14, dated September 26, 2002) is used by `nwconfig.nlm` to extend the new schema, the following error will occur:

Error: Parsing the `NDS500.sch` file while extending schema.

To avoid this error:

- 1 Copy `nw\sys\system\dsi.nlm` and `nw\sys\system\dsisch.nlm` to the server that will do the schema extension.

IMPORTANT: This should be a server that holds a copy of the Root partition.

- 2 Copy the desired schema files to a temporary directory on the NetWare server.
- 3 Run `nwconfig.nlm` and use the Directory Services option to extend the schema.

IMPORTANT: There are some dependencies between the schema files in the `nw\sys\system\schema` directory. Because of these dependencies, we recommend that the schema files be extended in the order that is listed in the `nw\sys\system\schema\schema.cfg` file.

2.5.3 Upgrading from a Previous Version

- ♦ “Prerequisites” on page 15
- ♦ “Upgrading to Novell eDirectory 8.8 SP4 on a Double-Byte System” on page 15
- ♦ “Upgrading to eDirectory 8.8 SP4 in System Running IDM” on page 16
- ♦ “Upgrading from eDirectory 8.7.x to eDirectory 8.8 SP4” on page 16
- ♦ “Disk Space Check on Upgrading to eDirectory SP4 or later” on page 16

Prerequisites

Before you upgrade to eDirectory 8.8 SP4, make sure you have the latest eDirectory patches installed on all servers prior to eDirectory 8.8 SP4 in the tree. You can get eDirectory patches from the Novell Support [Web site \(http://www.novell.com/support/\)](http://www.novell.com/support/).

If you have eDirectory 8.5.x or 8.6.x, you have to first upgrade to eDirectory 8.7.x and then upgrade to eDirectory 8.8 SP4.

Upgrading to Novell eDirectory 8.8 SP4 on a Double-Byte System

In previous releases of eDirectory, some index keys were built incorrectly in double-byte language (Japanese, Korean, or Chinese) systems. Because of the incorrect keys, some searches did not work correctly. This issue was resolved in Novell eDirectory 8.7. However, because existing eDirectory databases on these systems still have these incorrect keys, there might be times even after your upgrade to eDirectory 8.8 SP4 when eDirectory reports corruption errors because of incorrect keys.

To resolve this issue, run dsrepair.nlm after the upgrade is complete and perform a physical rebuild of the database. This is only necessary if the database is a double-byte language database (Japanese, Korean, or Chinese). It is not necessary to run DSRepair after upgrading if you are not using one of these languages.

Upgrading to eDirectory 8.8 SP4 in System Running IDM

During the upgrade from eDirectory 8.7.x to eDirectory 8.8.4, the location of the IDM files is changed requiring a reinstall of the IDM engine and drivers. Any third party jar files will not automatically be copied to the new location and will need to be manually placed prior to starting the drivers affected. It is recommended that all drivers be set to manual prior to upgrading to eDirectory 8.8 SP4.

Upgrading from eDirectory 8.7.x to eDirectory 8.8 SP4

Upgrading from eDirectory 8.7.x to eDirectory 8.8 SP4 rebuilds the LDAP Mapping table and re-adds the inetOrgPerson --> User mapping, causing any new objects created via LDAP to be of the User base class instead of the inetOrgPerson base class. This is only an issue if you deleted the mapping for inetOrgPerson --> User and defined a real inetOrgperson Class in your previous version of eDirectory.

To work around this problem, use iManager to remove the mapping from the Class Mappings page of the LDAP Group Object.

Disk Space Check on Upgrading to eDirectory SP4 or later

When eDirectory server is upgraded from 8.7.3.x and 8.8 versions to eDirectory 8.8 SP1 or later, the disk space check for the DIB upgrade is performed. The free disk space necessary in the file system, where the DIB resides would be equal to that of the DIB size. The messages of the disk space check would be updated in the ndscheck.log located in the instance's specific log directory. For default instance, sys:\system\ndscheck.log.

NOTE: The disk space check is required only during the DIB upgrade process. For more information, refer to [Upgrade Requirements of eDirectory 8.8 \(http://www.novell.com/documentation/edir88/edirin88/data/b4u5fwl.html\)](http://www.novell.com/documentation/edir88/edirin88/data/b4u5fwl.html) in the *Novell eDirectory 8.8 Installation Guide*.

2.5.4 NMAS Version After Upgrading to eDirectory 8.8 SP4

When you install eDirectory 8.8 SP4, it comes with NMAS 3.3.1. However, when you do a post install of NetWare products, NMAS 3.3.1 is selected by default to get installed. Therefore, you need to uncheck NMAS 3.3.1 during post installation of NetWare products.

2.5.5 DIB Upgrade Operation While Upgrading to eDirectory 8.8 SP4

When eDirectory is upgraded to eDirectory 8.8 SP4, the server is stopped and a DIB upgrade operation is performed before the server is started and the normal upgrade is performed. The time taken for this upgrade depends on the number of objects in the tree.

For more details on the DIB upgrade, refer to [Upgrade Requirements of eDirectory 8.8 \(http://www.novell.com/documentation/edir88/edirin88/data/b4u5fwl.html\)](http://www.novell.com/documentation/edir88/edirin88/data/b4u5fwl.html) in the *Novell eDirectory 8.8 Installation Guide*.

2.5.6 Interoperability between eDirectory and Nsure Audit 1.0.x

eDirectory 8.8 SP4 does not function properly with Nsure Audit 1.0.x. For full functionality with eDirectory 8.8 SP4, upgrade to Novell Audit 2.0.

2.5.7 iManager Plug-ins Installation

- ◆ Download the following iManager Plugins from the [Web \(http://download.novell.com\)](http://download.novell.com).
 - ◆ eDir_88_iMan25_Plugins.npm
 - ◆ eDir_88_iMan26_Plugins.npm
 - ◆ eDir_88_iMan27_Plugins.npm
- ◆ Install the NPM as mentioned in the [iManager 2.5 \(http://www.novell.com/documentation/imanager25/imanager_install_25/data/bnpta1r.html\)](http://www.novell.com/documentation/imanager25/imanager_install_25/data/bnpta1r.html) or [iManager 2.6 \(http://www.novell.com/documentation/imanager26/index.html\)](http://www.novell.com/documentation/imanager26/index.html) or [iManager 2.7 \(http://www.novell.com/documentation/imanager27/index.html\)](http://www.novell.com/documentation/imanager27/index.html).

2.6 eGuide Customization Backups

Before installing the Support Pack, you should back up your eGuide template files located in `sys:tomcat\4\webapps\eguide\web-inf\templates\xsl` and `sys:tomcat\4\webapps\eguide\look` because the Support Pack replaces these files and your customizations are lost.

If you choose the *Backup* option during the Support Pack install, you can retrieve the backed-up files to preserve your customizations.

2.7 iFolder 2 Manager Error on First Login Attempt

A Directory Search Failure error is generated the first time you attempt to manage an iFolder 2 server under the following conditions:

- ◆ The Novell® iFolder® 2.1.9 server is in an eDirectory™ tree that has not had other iFolder 2 servers in it.
- ◆ iFolder Manager is launched for the first time through iManager.

The error occurs because the required iFolder objects are not present in the tree. However, the initial attempt to launch iFolder Manager causes the objects to be created, and subsequent login attempts are successful.

2.8 iManager Issues

- ◆ [Section 2.8.1, “Plug-in Changes Not Visible After Upgrading,” on page 18](#)

2.8.1 Plug-in Changes Not Visible After Upgrading

When you upgrade NetWare 6.5 SP7 to NetWare 6.5 SP8, if there are UI changes to any of the iManager plug-ins, the changes might not be visible to the user.

To work around this issue, delete the following folder after completing the upgrade:

```
SYS:\tomcat\5.0\Catalina\localhost\nps\org
```

2.9 iPrint Issues

- ♦ [Section 2.9.1, “Audit Logs Incorrect,” on page 18](#)
- ♦ [Section 2.9.2, “Filtering with the Contains Option,” on page 18](#)
- ♦ [Section 2.9.3, “Landscape Mode,” on page 18](#)
- ♦ [Section 2.9.4, “Installing the Printer Agent on Macintosh Workstations Requires Mozilla Firefox,” on page 18](#)
- ♦ [Section 2.9.5, “Vista,” on page 18](#)

2.9.1 Audit Logs Incorrect

Job counts in the audit logs are correct, but the test page is not counted for PCL6 drivers.

2.9.2 Filtering with the Contains Option

When generating reports, filtering with the *Contains* option fails.

2.9.3 Landscape Mode

Driver profiles with Landscape mode do not work properly with some text editors like Notepad. In such cases, users must set Landscape mode manually.

2.9.4 Installing the Printer Agent on Macintosh Workstations Requires Mozilla Firefox

Only Mozilla* Firefox* is supported for this task.

2.9.5 Vista

- ♦ Windows Vista Home edition is not a supported iPrint platform in OES 2 SP1. Random issues have been reported by a few customers. Novell currently plans to address this issue after SP1 is released.
- ♦ Admin credentials are needed to delete a printer on Vista 32-bit. However, it can be deleted by using the `iprintcmd` utility.
- ♦ The iPrint dialog box on Vista and Windows Server* 2008 64-bit is intercepted by the Interactive Services dialog box. Click *show the message* to proceed. For more details, refer to [“Interactive Service dialog”](#) in the *OES 2 SP2: iPrint for Linux Administration Guide*.

- ♦ A confusing error message displays if you attempt to upload print drivers from non-Vista workstations, such as Windows XP or Windows 2000.

Currently, only Vista drivers can only be uploaded from Vista workstations, but the message says, `The specified modules could not be found.`

A more accurate message would be: `Only Vista print drivers can be uploaded from Vista workstations.`

2.10 iSCSI Issues

- ♦ [Section 2.10.1, “iSCSI Target Fails to Load When a Country Object Is Used in an Install Script,” on page 19](#)

2.10.1 iSCSI Target Fails to Load When a Country Object Is Used in an Install Script

The iSCSI installation script assumes that the eDirectory hierarchy doesn't include a Country object. Therefore, including the object results in an incorrect LDAP configuration for the target and it fails to load.

To work around this issue:

- 1 Delete the `sys:\etc\iscsi.lss` file.
- 2 At the system console, enter the following command:

```
ton
```
- 3 Launch Novell Remote Manager.
- 4 In the left pane, click *Storage Service > iSCSI Services*.
- 5 In the right pane, click *LDAP*.

The iSCSI LDAP configuration page appears with the ServiceDN and LoginDN correctly filled in.

- 6 Enter the correct password.

2.11 LDAP Bind Performance

- ♦ [Section 2.11.1, “LDAP Bind Performance,” on page 19](#)
- ♦ [Section 2.11.2, “Sub-Tree Search Times Out \(Bad XML Error\),” on page 20](#)

2.11.1 LDAP Bind Performance

Unlike other platforms, NetWare has the variable `NDSD_TRY_NMASLOGIN_FIRST` set to `true` by default. This makes it possible to log into iManager on another server or tree when running eDirectory 8.8.

Unfortunately, this setting also reduces authentication performance, with the most notable reduction occurring for LDAP binds.

To change the setting, remove the variable from the `STARTUP.NCF` file and restart the server.

For more information, see “How to Make Your Password Case-Sensitive” (<http://www.novell.com/documentation/edir88/edir88new/data/brvwgsv.html>) the *Novell eDirectory 8.8 What's New Guide* (<http://www.novell.com/documentation/edir88/edir88new/data/front.html>).

2.11.2 Sub-Tree Search Times Out (Bad XML Error)

If you are using Novell eDirectory 8.7.3x, timeouts are possible when you search from iManager for eDirectory objects, such as NCP Server objects, Volume objects, and Cluster objects. This is because the Object Class attribute is not indexed by default. The LDAP sub-tree search can take over 30 seconds, which causes the query to time out. For example, a Cluster objects search from the Cluster Options page returns the error:

```
Bad XML found during parsing when accessing cluster options
```

We recommend that you create a value index on the objects' Object Class attribute. (Object Class is considered an attribute for indexing purposes.) This helps to reduce the time needed for the sub-tree search from over 30 seconds to 10 to 50 milliseconds. For instructions, see “Creating an Index” (<http://www.novell.com/documentation/edir88/edir88/data/a5tuu5.html>) the *Novell eDirectory 8.8 Administration Guide* (<http://www.novell.com/documentation/edir88/edir88/data/a2iii88.html>).

Building indexes speeds up the sub-tree search, even if some partitions being searched do not contain these types of objects. For example, searching for a Cluster object in a context that contains only users is not expected to return results; however, the Object Class search is still performed, and benefits from having an index present.

The sub-tree search performance issue is resolved in the eDirectory 8.8.x release with the addition of the AncestorID feature.

2.12 NSS Issue: Potential Data Loss Can Occur If the New Drive Fails When Expanding a RAID 5

When expanding a RAID 5 on NetWare, if the newly added drive fails during the restripe, this is considered a fault and the device and its pools are automatically deactivated. If the same partition comes back online, it finishes the restripe. If the partition fails to come back online, you must re-create the RAID to the desired size and recover from backup.

To avoid potential data loss, make sure you have a current backup before you expand the RAID 5 on NetWare.

2.13 Post-Product Install Issue—Installation Hangs

If you are doing all of the following, your installation might hang:

- ♦ Installing NetWare as a VM guest on a Xen VM host server with more than one processor
- ♦ Installing in a language other than English
- ♦ Performing a post-install of multiple products

To avoid this problem, enter the following command as the NetWare console prior to starting the post-installation task:

```
stop processors
```

2.14 SCMT Issues

- ♦ [Section 2.14.1, “Zero-Byte Files Created When Filters Conflict Regarding Them,”](#) on page 21

2.14.1 Zero-Byte Files Created When Filters Conflict Regarding Them

If you create two filters, one that would allow a file to be copied and another that would not allow it, the file will be copied 0kb of data.

2.15 SecretStore Issues

The option to install Novell SecretStore[®] is missing from this release.

If you need to install SecretStore:

- 1 After installing the server, enter the following command at the console prompt:
`SSSI.NLM`
- 2 Use the dialog box that displays to pass the Admin credentials to SecretStore.

OES 2 Migration Tool

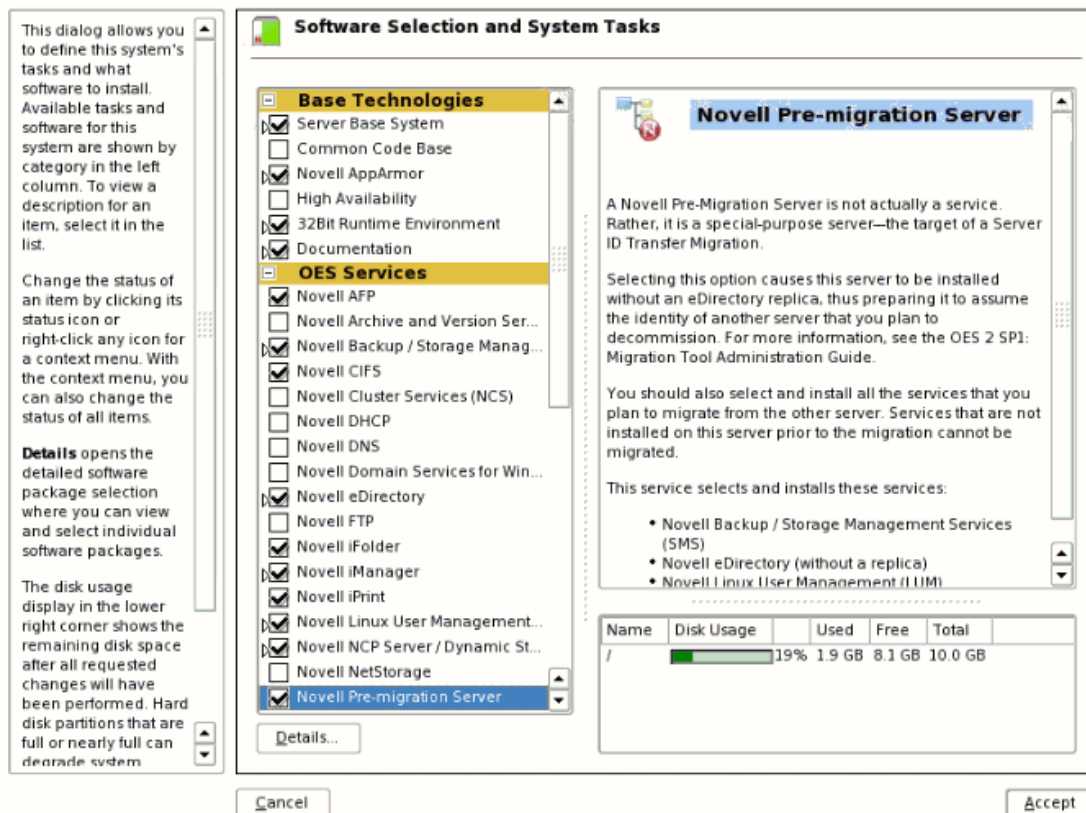
3

- ♦ Section 3.1, “ID Transfer Migration Requires a Pre-Migration Server,” on page 23
- ♦ Section 3.2, “Installing the Migration Tool,” on page 24
- ♦ Section 3.3, “Starting the Migration Tool,” on page 24
- ♦ Section 3.4, “Transfer ID Migrations,” on page 24
- ♦ Section 3.5, “File System Issues,” on page 24
- ♦ Section 3.6, “iPrint Issues,” on page 25
- ♦ Section 3.7, “Windows Migrations,” on page 26
- ♦ Section 3.8, “For More Information,” on page 26

3.1 ID Transfer Migration Requires a Pre-Migration Server

The OES 2 Migration Tool is designed to meet all of your OES migration needs.

However, when you install the target server for a Transfer ID migration, and you reach the *Software Selection and System Tasks* dialog box, you must select the *Novell Pre-migration Server* option.



This prepares eDirectory™ for the Transfer ID migration that you will perform later. .

Before performing a Transfer ID migration, we recommend that you manually back up eDirectory and the NCI keys.

3.2 Installing the Migration Tool

The Migration Tool is automatically installed with OES 2 SP1, in the `/opt/novell/migration` folder.

3.3 Starting the Migration Tool

You can access the Migration Tool in two ways:

- ♦ To start the migration GUI on the server desktop, click *Computer > More Applications > System > Novell Migration Tool*.
- ♦ To start the migration CLI, enter the following command at a terminal prompt:

```
miggui
```

3.4 Transfer ID Migrations

- ♦ [Section 3.4.1, “Do Not Interrupt a Transfer ID Migration,” on page 24](#)
- ♦ [Section 3.4.2, “Be Sure to Update \(Patch\) the Destination Server,” on page 24](#)

3.4.1 Do Not Interrupt a Transfer ID Migration

During a Transfer ID migration, the target server and the source server are in an inconsistent state.

To restore eDirectory on the target server, see the [OES 2 SP1: Migration Tool Administration Guide](http://www.novell.com/documentation/migtools/mig_tools_lx/index.html?page=/documentation/migtools/mig_tools_lx/data/bookinfo.html#bookinfo) (http://www.novell.com/documentation/migtools/mig_tools_lx/index.html?page=/documentation/migtools/mig_tools_lx/data/bookinfo.html#bookinfo)

3.4.2 Be Sure to Update (Patch) the Destination Server

After you install a pre-migration server, be sure to update it with the latest migration patches before performing a Transfer ID migration.

3.5 File System Issues

- ♦ [Section 3.5.1, “General Issues,” on page 24](#)
- ♦ [Section 3.5.2, “GUI Issues,” on page 25](#)

3.5.1 General Issues

If you select the Sync option, only the files on the source server are synchronized with the files on the target server. Folders are not synchronized.

3.5.2 GUI Issues

Folders that include filenames with non-English characters are not displayed when you configure a file system for migration in *Volume Information > Source Server*.

3.6 iPrint Issues

- ♦ [Section 3.6.1, “Creating iprint.ini on the Target Before Migrating,” on page 25](#)
- ♦ [Section 3.6.2, “NDPS Migration Only Works from SYS Volumes,” on page 25](#)
- ♦ [Section 3.6.3, “PSM Name Must Not Contain a Comma,” on page 25](#)
- ♦ [Section 3.6.4, “Target Context Field Doesn’t Accept the Source Context as Valid Input,” on page 25](#)
- ♦ [Section 3.6.5, “Windows XP Drivers Are Not Populated During Consolidation,” on page 26](#)
- ♦ [Section 3.6.6, “ZENworks Print Policies Break During Migration,” on page 26](#)

3.6.1 Creating iprint.ini on the Target Before Migrating

The `iprint.ini` configuration file for the iPrint Server is not migrated as a part of the migration process from OES 1 and OES 2 Linux to OES 2 SP1 Linux.

You must create this file manually on the target OES 2 SP1 server before starting the migration process.

3.6.2 NDPS Migration Only Works from SYS Volumes

Migrating Novell Distributed Print Services™ (NDPS®) printers from NetWare servers only works when NDPS is installed on the SYS: volume. Migration attempts from other volumes fail.

3.6.3 PSM Name Must Not Contain a Comma

If the Print Manager (PSM) name contains a comma, the GUI doesn’t recognize the print manager and cannot retrieve the correct printers.

3.6.4 Target Context Field Doesn’t Accept the Source Context as Valid Input

When selecting the eDirectory printer context for your target server, you are given two options:

- ♦ **Source Printer Context:** Automatically selects the same context as used on the source server
- ♦ **Target Context:** Lets you specify or browse to a different context than the one used on the source server.

IMPORTANT: If you select the second option, the tool does not allow you to specify the same context that is used on the source server. To select the same context, you must select the first option.

3.6.5 Windows XP Drivers Are Not Populated During Consolidation

Windows XP drivers are not populated after a server consolidation from NetWare 6.0 SP5 to OES 2 SP1 Linux.

3.6.6 ZENworks Print Policies Break During Migration

If iPrint printers are distributed through ZENworks® Print policies (either ZENworks 7 or ZCM 10), the policies might be broken after printers are migrated to a new target server.

Development of a solution is underway and is planned for inclusion in the OES 2 SP1 patch channel. If your policies are broken after a migration, the patch has not yet been released, and the workaround is to repopulate the policies with new printers.

3.7 Windows Migrations

You can migrate Windows shares through YaST by using the *Open Enterprise Server > Migrate Windows Shares* tool. See “[Using the Migrate Windows Shares Utility](#)” in the *OES 2 SP2: Migration Tool Administration Guide*.

The following are known issues with the tool.

- ◆ User information is not generated for DFS shares on Windows source servers.
- ◆ Ownership for files and folders changes after the migration.
- ◆ When migrating files from an NTFS share, some of the localized/foreign language files aren't copied, and the tool reports that the file has vanished.
- ◆ Selecting *Statically Apply Trustee Rights* has no effect. The migration always uses the default setting.
- ◆ Compressed files are migrated as uncompressed.

3.8 For More Information

For information on using the Migration Tool GUI, refer to the help file associated with the Migration Tool GUI or see “[Using the Migration Tool GUI](#)” in the *OES 2 SP2: Migration Tool Administration Guide*.

Documentation Updates



The following changes have been made to the NetWare section of the Readme since the initial NetWare 6.5 SP8 release.

November 9, 2009

This guide has been modified for publication on the NetWare 6.5 SP8 Documentation Web site.

May 20, 2009

Chapter or Section Changed	Summary of Changes
Linux sections deleted	The OES 2 SP1 Readme was recompiled to include NetWare only issues for NetWare 6.5 SP8.

January 22, 2009

Chapter or Section Changed	Summary of Changes
Section 2.1.2, "Storage-Related Plug-Ins Must Be Uninstalled," on page 11	Section added.

