

Migreren naar Open Enterprise Server 2

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- Korte kennismaking
- Hoe installeer ik OES2?
- Korte rondleiding door OES2
- Migratie van Novell Services naar OES2
 - iPrint migratie
 - DHCP migratie
 - Data migratie
 - GroupWise migratie
- Vragen

- René van Steenis
- Consultant
- 20 jaar ervaring in IT
- Specialisme: Novell-technologie en migraties

- RealOpen IT
- Opgericht door Bram Haasnoot
- 14 consultants
- RealOpen IT houdt zich bezig met het aanbieden van advies, implementatie en services op de volgende gebieden:
 - Infrastructuuro oplossingen op basis van Novell en Linux
 - Virtualisatie (VMware en XEN)
 - Identity Management oplossingen



DEMO
+
korte rondleiding

What's New

iPrint in OES 2 includes the following features that were not in the initial release of OES 1:

- Printer Agent Redirection
- iPrint Client Management that lets you install printers and configure iPrint Client settings during login.
- Printer Driver Profiles is supported for Windows clients
- iPrint Direct Printing lets you install an iPrint printer and submit the print job directly to the printer, bypassing the Print Manager.

Prerequisites

Before starting a migration, ensure you have met the following prerequisites:

- Open Enterprise Server 2 with iPrint installed on the target server.
- Create an Print Manager on the target server.
- Create a OES 2 Driver Store.

Supported Platforms

- NetWare 6.5 SP 5 and above
- Open Enterprise Server 1.0 Support Pack 2 with the latest patches

Migration Overview

To migrate your iPrint system, you need to set up a new print system (print manager and driver store) on OES 2 servers. Then you use the migration tools to copy the existing print system over to the destination server.

1. Using the YaST iPrint Utility
2. Migrating Using the Command Line

What's New

- eDirectory Integration Support
- Support for migration from NetWare to Linux with aid of tools
- New iManager Plug-in for DHCP
- Novell Cluster Services™ Support

System Requirements

- Novell DHCP server installed on the target machine.
- Schema extended on the target server tree.

The user running the migration process must have the following rights:

- Read/Write rights on dhcpLocator and DHCPGroup Object
- Read/Write permissions to the destination container in eDir

Supported Platforms

NetWare 5.1 SP8

NetWare 6.0 SP5

NetWare 6.5 SP5 and later versions

Post Migration Procedure

1. To verify migration, use iManager and go to the target tree and locate the DHCP Server object and the corresponding DHCP Service object.
2. In the `/etc/dhcpd.conf` file, check `ldap-base-dn` to reflect the context of the migrated DHCP Server and change `ldap-dhcp-server-cn` to reflect the context of the migrated DHCP Server.
3. Check in `/etc/sysconfig/dhcpd` the `DHCPD_INTERFACE`-setting. It should not be empty!
4. Start the OES 2 Linux DHCP server by using the `rcdhcpd start` command or use iManager.

Preparing the Source NetWare Server

1. Ensure that the latest version of Storage Management Services™ (SMS) is running on the source NetWare server.
2. When migrating data from a Traditional NetWare volume, ensure that all name spaces (DOS, LONG, NFS, and MAC) are loaded on the source NetWare server.
3. Although data on the source server is not deleted as part of the migration, you should make a current backup of the data as a precaution.

Preparing the Destination Linux Server

For NSS Destination Volumes

1. Use the Novell Storage Services™ Management Utility (nssmu) or iManager to create the NSS volumes to which you will be migrating the data.
2. Ensure that the destination volumes have similar properties to the source volumes. For example, if compression is turned on for the source volume, turn on compression for the destination volume as well. The same applies to user quotas and other NSS features.
3. Ensure that the CASA RPMs are installed and that the CASA daemon is started.

Preparing the Destination Linux Server

For NCP Destination Volumes

1. Use the NCP Server Console utility (ncpcon) to create the NCP volumes.
2. Ensure that the user performing the migration has read/write access to the POSIX path that corresponds to the NCP volume.
3. Novell Cross Platform Libraries installed:
novell-xplatlib.version.rpm for 32-bit servers
novell-xplatlib-32bit.version.rpm for 64-bit servers

Migration Overview

To migrate your volumes use the migration tools to copy the existing data over to the destination server.

1. Using the YaST Migrate NetWare Volumes Utility
2. Migrating Using the Command Line

Supported File System Migrations from Various Source Servers to OES 2 Linux				
Source	Destination	Supported File Systems	OES2 Migration Tools	SCMT 1.2
NetWare 6.5 SP6 eDirectory 8.7.3. x or 8.8. x	P&V OES 2 Linux (32/64-bit)	NSS to NSS, same tree	Yes	Opt
		NSS to NSS, different trees	Yes	Opt
		Traditional to NSS, same tree	Yes	Opt
		Traditional to NSS, different trees	Yes	Opt
		NSS to NCP volume	Yes	No
		Traditional to NCP volume	Yes	No
		NSS to POSIX file system	Yes	No
NetWare 5.1 SP8 eDirectory 8.7.3. x (SCMT 1.2 supports back to NDS 7.62c and NDS 8.85c)	P&V OES 2 Linux (32/64-bit)	NSS to NSS, same tree	Yes	Opt
		NSS to NSS, different tree	Yes	Opt
		Traditional to NSS, same tree	Yes	Opt
		Traditional to NSS, different trees	Yes	Opt
		NSS to NCP volume	Yes	No
		Traditional to NCP volume	Yes	No
		NSS to POSIX file system	Yes	No
OES 1.0 Linux SP2 32-bit with latest patches eDirectory 8.7.3. x or 8.8. x	P&V OES 2 Linux (32/64-bit)	NSS to NSS, same tree	Yes	No
		NSS to NCP volume	Yes	No
		NSS to POSIX file system	Yes	No
Windows NT/2000/ 2003	P&V OES 2 Linux (32/64-bit) (file system and user/group objects only)	NTFS 4.0/NT4 to NSS in eDirectory	Yes	Opt
		NTFS 4.0/NT4 to NCP in eDirectory	Yes	No
		NTFS 5.0 & 5.1 in 2000/2003 AD to NSS in eDirectory	Yes	No
		NTFS 5.0 & 5.1 in 2000/2003 AD to NCP in eDirectory	Yes	No

- GroupWise Server Migration Utility
- GSMU voegt een aantal belangrijke zaken toe aan "dbcoppy".
- gefaseerde migratie van domains, postoffices, GWIA en WebAccess;
- automatisch installeren en voor een deel configureren van agents op OES2;
- server-to-server datamigratie;
- syncen van tijdsverschillen in versies (incrementele kopieslag).

Taak/applicatie	File system	Toelichting
Gebruikersdata	NSS	Salvage, Dynamic Storage Services
OES2 OS partitions	Ext3/ReiserFS	
GroupWise	ReiserFS	Zeer veel kleine files
iPrint	ReiserFS	NSS niet gesupport



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