GroupWise Server Migration Utility 1.1

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1 Product Overview

The GroupWise® Server Migration Utility is a tool to help you move GroupWise components (post offices, domains, and agents) from NetWare® or Windows* servers to Linux* servers. The utility prompts you for information so that it can set up the connection between the source NetWare or Windows server where a GroupWise component is located and the destination Linux server where you want to migrate that GroupWise component. It then creates the connection, transfers the GroupWise data, and installs and starts the Linux GroupWise agent for the component.

2 Installation Instructions

1 From the Novell Downloads Web site (http://download.novell.com), download the GroupWise Server Migration Utility (`gwsvrmig1.1.0.exe`) into a temporary directory.

2 Run `gwsvrmig1.1.0.exe` to extract the software into a convenient directory on a Windows machine that meets the system requirements for the Server Migration Utility.

   This directory becomes the Server Migration Utility installation directory.

3 Run `gwsvrmig.exe` to start the GroupWise Server Migration utility.

4 Click Help on any page where you need assistance filling in the fields or where you want to know what the utility is doing.

The Server Migration Utility is compatible with GroupWise 7 and GroupWise 8. For detailed system requirements and migration instructions, see the *GroupWise Server Migration Utility 1.1 Installation and Migration Guide* on the GroupWise Utilities Documentation Web site (http://www.novell.com/documentation/gwutilities).

3 Known Issues

3.1 Auto-Detect on Windows Servers

The Auto-Detect feature that finds post offices and domains by examining agent startup files is not available on Windows servers. You must manually provide the locations of post offices and domains.

3.2 Remote Document Storage Areas

The Server Migration Utility does not migrate document storage areas that are located outside of the post office directory structure. Instructions for manually migrating them are available in Help and in the *GroupWise Server Migration Utility Installation and Migration Guide*.

3.3 LDAP Authentication

The Server Migration Utility does not currently handle LDAP authentication for users in the post office. This can affect the mailbox access test that you perform after the first stage of the post office migration has been completed. If you are using LDAP authentication, be aware of the following limitations:

- The LDAP server that the POA communicates with must have a valid IP address or DNS hostname configured in ConsoleOne® (*Tools > GroupWise System Operations > LDAP Servers*). Do not use a relative address such as `localhost`.
- If you are using SSL along with LDAP, you must manually copy the trusted root certificate (often named `rootcert.der`) to the Linux server if the LDAP server accepts only LDAP authentication.
- If the Linux POA uses a different LDAP server after the post office has been migrated, you must reconfigure the LDAP information manually in ConsoleOne (Post Office object > *Properties > Security > Select Servers*).

3.4 Mount Failure

If the Server Migration Utility fails to establish a Samba mount to a Windows server, it tries a CIFS mount. If the cifs-mount package is not installed, you receive the following error in the utility log file:

```
bash: /sbin/mount.cifs: No such file or directory
```

The utility log file is named `gwsvrmig_mmddyyyy_nnnn.log` and is found in the utility installation directory if the utility can write to that location. Otherwise, it is found in the `/temp` directory.

To resolve this error and achieve a successful mount to the Windows server, use the *Install and Remove Software* option of YaST to install the cifs-mount package from your Linux installation media.

3.5 Cleanup after Test Migrations

If you run test migrations, manual cleanup afterward is not necessary. However, if you want to remove the GroupWise software from the destination Linux server before performing the real migration, you must use the Linux `rpm -e` command to remove the software.

Use the following command to see what GroupWise RPMs have been installed:

```
rpm -qa | grep groupwise
```

Use the following command to remove each RPM:

```
rpm -e novell-groupwise-component-version-date
```

If you manually deleted the GroupWise software files without using the `rpm -e` command, using `rpm -e` for each component resolves the discrepancy between the files on disk and the files that the `rpm` command thinks should be installed on the server. This enables the Server Migration Utility to proceed normally the next time it runs.

3.6 Unsupported GroupWise Components

The following GroupWise components cannot be migrated with the Server Migration Utility:

- Monitor Agent and Monitor Application
- GroupWise gateways (Exchange, Notes, Async, API, etc.)
- GroupWise Messenger

Manual migration instructions for the WebAccess Application and the Monitor Agent are provided in the *GroupWise 7 Installation Guide* and the *GroupWise Server Migration Utility 1.1 Installation and Migration Guid*e. Manual migration instructions for Messenger are provided in the *Messenger 2 Installation Guide.* GroupWise gateways are not available for Linux and therefore cannot be migrated.

3.7 Server Migration Utility Hangs When Connecting to the Linux Server

The Server Migration Utility hangs when trying to connect to the Linux server if the utility is using an outdated SSH host key. To resolve the problem, delete the SSH host key from the registry. By default, PuTTY stores the host keys in the Windows registry at `\HKEY_CURRENT_USER\Software\SimonTatham\PuTTY\SshHostKeys.`

3.8 Uppercase Subdirectory Name in GWIA or WebAccess Causes an Error in ConsoleOne

During the server migration, all uppercase subdirectoy names are converted to lowercase. If a GWIA or WebAccess directory was converted from uppercase to lowercase during the migration, an error message appears when accessing a GWIA or WebAccess object in ConsoleOne.

To resolve this problem, select the new lowercase subdirectory after the migration.

1 Open ConsoleOne.

2 Right-click a GWIA or WebAccess object and select *Properties*.

3 Click the *GroupWise* tab.

4 In the *Subdirectory* field, use the drop-down menu to select the new lowercase subdirectory.

5 Click *Apply* to save the changes

4 Documentation

The following sources provide information about the GroupWise Server Migration Utility:

- Installation: *GroupWise Server Migration Utility 1.1 Installation and Migration Guide* available on the Web
- Product documentation included with the software: Online Help in the utility
- Online product documentation: GroupWise Utilities Documentation Web site (http://www.novell.com/documentation/gwutilities)

5 Documentation Conventions

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

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