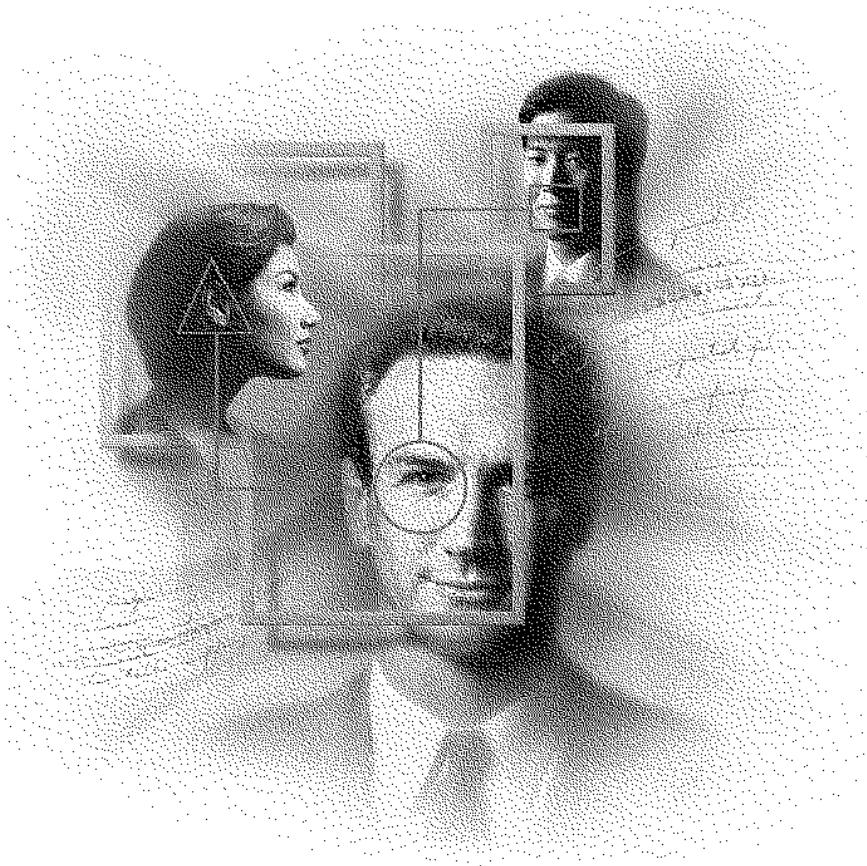


VERSION 5.5

GroupWise System Update



GroupWise®

GATHER, ACCESS, AND COMMUNICATE INFORMATION

Novell®

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GroupWise 5.5 System Update

This documentation introduces key GroupWise® concepts and helps you successfully update a GroupWise 5.x system to GroupWise 5.5.

1

Understanding the Update Process and Issues

The System Update Guide provides instructions for updating a GroupWise® 5.x system to GroupWise 5.5. For information about migrating a GroupWise 4.1 system to GroupWise 5.5, see the [Migration](#) guide. For information about installing a new GroupWise 5.5 system, see the [Installation](#) guide.

The following sections describe the update process and present the issues you should consider as you create a strategy for updating your GroupWise system:

- ◆ “Update Process” on page 9
- ◆ “Update Issues” on page 11

For a list of enhancements and new features in GroupWise 5.5, see [Appendix A, “What’s New in GroupWise 5.5,”](#) on page 41. For a table showing which GroupWise 5.x components can be used together, see [Appendix B, “GroupWise 5.x Compatibility Matrix,”](#) on page 55.

Update Process

To update your GroupWise system to version 5.5, you need to:

- ◆ Install the GroupWise 5.5 software.
- ◆ Update the GroupWise domain and post office databases.
- ◆ Have users start running the GroupWise 5.5 client.

GroupWise Software

GroupWise 5.5 includes new functionality that is only supported through the GroupWise 5.5 Administrator DLLs. You must install the GroupWise 5.5

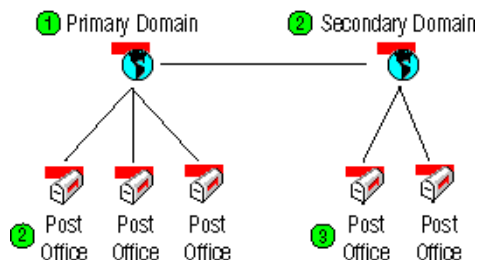
Administrator DLLs to at least one NetWare® 4.1x or 5.x server. This can be the same NetWare server from which you've been running NetWare Administrator to administer your GroupWise 5, 5.1, 5.2 system, or it can be a different server.

You must also copy the new GroupWise 5.5 software to a software distribution directory. This can be an existing software distribution directory or a new software distribution directory. Additional information to help you make the appropriate decision is provided in [“Software Distribution Directory and the GroupWise Client” on page 12.](#)

You use the GroupWise Installation Advisor (INSTALL.EXE) to install the GroupWise Administrator DLLs and copy the GroupWise 5.5 software to a software distribution directory.

GroupWise Domain and Post Office Databases

New functionality in GroupWise 5.5, such as Internet-style addressing, requires the GroupWise domain and post office databases to be updated with new records and fields. You must update the primary domain first so that correct replication of GroupWise 5.5 information can take place as you update post offices and secondary domains. After you update the primary domain, you can update the primary domain's post offices or you can update a secondary domain and its post offices. The following diagram illustrates this update sequence.



To update a domain database, you run the GroupWise 5.5 MTA against it. The first time the GroupWise 5.5 MTA runs against a domain, it rebuilds the domain database (WPDOMAIN.DB) so the database includes the records required for new GroupWise 5.5 information. The MTA uses a new domain dictionary file (GWDOM.DC) to rebuild the database.

Likewise, to update a post office database, you run the GroupWise 5.5 POA against it. The first time the GroupWise 5.5 POA runs against the post office,

it rebuilds the post office database (WPHOST.DB) so the database includes the new records required for GroupWise 5.5 information. The POA uses a new post office dictionary file (GWPO.DC), which it requests from the MTA, to rebuild the database. A user cannot run the GroupWise 5.5 client until his or her post office has been updated.

The GroupWise Installation Advisor helps you update the primary domain database. After installing the GroupWise Administrator DLLs and GroupWise 5.5 software, the Installation Advisor launches the Agent Installation program so that you can install and start the GroupWise 5.5 MTA against the primary domain database. You can then update post offices or other domains, depending on which users need to start using the GroupWise 5.5 client first.

GroupWise Client

After a post office is updated to version 5.5, users can run the GroupWise 5.5 client. Only the GroupWise client for Windows* 95/98/NT has been updated to version 5.5. The GroupWise 5, 5.1, and 5.2 clients for Windows 3.1, Macintosh*, and UNIX* can be run against a GroupWise 5.5 post office, but will not have GroupWise 5.5 functionality such as Internet-style addressing.

The *GroupWise 5.5* CD includes the GroupWise 5.2 client for Windows 3.1 and Macintosh. If you are not using the latest 5.2 version of the Windows 3.1 client, you should install it to the software distribution directory. Macintosh users should install the Macintosh GroupWise client if they are not using version 5.2 already.

The GroupWise 5.2 client for UNIX is available for download from the [Novell Software Download site \(http://www.novell.com/download\)](http://www.novell.com/download).

For a list of new features in the GroupWise 5.5 client for Window95/NT, see [Appendix A, “What’s New in GroupWise 5.5,” on page 41](#).

Update Issues

The following sections present issues you should be aware of before you update your GroupWise system:

- ◆ [“GroupWise Administrator” on page 12](#)
- ◆ [“Administration Agent” on page 12](#)
- ◆ [“Software Distribution Directory and the GroupWise Client” on page 12](#)
- ◆ [“Cross-Post Office Proxy” on page 13](#)

- ◆ “GroupWise Internet Agent” on page 13
- ◆ “GroupWise WebAccess” on page 13
- ◆ “GroupWise Gateways” on page 14

GroupWise Administrator

If you've installed the GroupWise Administrator DLLs to multiple servers, you'll want to update all servers as soon as possible. While you can use GroupWise 5.5 Administrator to administer any GroupWise 5.x system, you can't use your existing GroupWise 5, 5.1, or 5.2 Administrator to administer a GroupWise 5.5 system.

GroupWise 5.5 requires the 32-bit version of NetWare Administrator (NWADMN32.EXE). This is the same version of NetWare Administrator shipped with NetWare 5.x. It is compatible with NetWare 4.1x and can be run from a Windows 95/98NT workstation. If NWADMN32.EXE does not reside on the destination NetWare 4.1x or 5.x server, the GroupWise Installation Advisor will install it.

Administration Agent

In GroupWise 5.5, the ADA's functionality is built into the MTA and the POA. After you install the GroupWise 5.5 MTA, you need to make sure that you don't run the ADA against the domain. Doing so may result in the loss of GroupWise 5.5 level information. The Agent Installation program has been modified to help you remove the ADA as you install the GroupWise 5.5 MTA.

Software Distribution Directory and the GroupWise Client

Windows 95/98/NT users can run or install the GroupWise client from the software distribution directory assigned to their post office. Anytime a new GroupWise client is copied to the software distribution directory, users running from the software distribution directory (a workstation installation) are automatically forced to update before they can use the GroupWise client again. Users running the GroupWise client from their local drive (a standard installation) will continue to run their local GroupWise client until you prompt them to update.

The GroupWise 5.5 client will not run against a GroupWise 5, 5.1, or 5.2 post office. If you update a software distribution directory and don't immediately update the post offices that use the software distribution directory, users

running from the software distribution directory will be locked out of their post office until you update it.

In general, you should update an existing software distribution directory only if 1) all users can run the GroupWise client from their local drives, or 2) you can update all users' post offices within a few hours of updating their software distribution directory. If this approach will not work for you, you should create a new GroupWise 5.5 software distribution directory. You can then use the new software distribution directory to update your domains and post offices to version 5.5 while users continue to run the GroupWise 5, 5.1, or 5.2 client from their existing software distribution directory. Once the users' post offices have been updated, you can update their existing software distribution directory to version 5.5 and delete the new software distribution directory you created.

Cross-Post Office Proxy

After you update a post office, users on the updated post office cannot proxy users on post offices that have not been updated. If users depend on cross-post office proxy, you should plan your post office updates so as to minimize the disruption in proxy service.

GroupWise Internet Agent

GroupWise 5.5 Internet Agent is compatible with all 5.x versions of GroupWise. There are no known compatibility issues.

GroupWise WebAccess

GroupWise 5.5 WebAccess can only access 5.5 level post offices. This means you can:

- ◆ Wait until all post offices with WebAccess users have been updated. This includes all post offices with library documents that can be requested by WebAccess or WebPublisher users.
- ◆ Keep your previous installation of GroupWise WebAccess to service users on pre-5.5 post offices, and install GroupWise 5.5 WebAccess to service users on 5.5 level post offices.

GroupWise Gateways

All existing GroupWise gateways are compatible with GroupWise 5.5. There are no known compatibility issues.

2

Preparing Your GroupWise System

To prepare your GroupWise® system to be updated to version 5.5, complete the following tasks:

- ♦ “Validating Your Domain and Post Office Databases” on page 15
- ♦ “Moving Your Current NLM Agents (Optional)” on page 15
- ♦ “Backing Up Your GroupWise Databases” on page 16

Validating Your Domain and Post Office Databases

Before you update a domain or post office, you should validate the domain or post office database to make sure that there are no physical inconsistencies with the database. If problems exist, you should recover or rebuild the database. For information about validating, recovering, or rebuilding a database, see “[Maintaining Domain and Post Office Databases](#)” in “[Databases](#)” in the *Maintenance* guide.

Moving Your Current NLM Agents (Optional)

If your update strategy requires you to run both your old GroupWise NLM™ agents and the GroupWise 5.5 NLM agents on the same server, you need to move your old NLM agents to a different directory before installing the GroupWise 5.5 NLM agents. The GroupWise Agent Installation program requires you to install the NLM agents to the SYS:\SYSTEM directory, which means that your old agent files will be overwritten.

To move your NLM agents to another directory:

- 1 Create a new directory on the server. For example, SYS:\GW52AGNT.

- 2 Copy the following files from the SYS:\SYSTEM directory to the new directory:

GWENN1.NLM

GWPOA.NLM

GWADA.NLM

GWMTA.NLM

GWMTAIP.NLM

GWMTAFC.NLM

GWMTAALM.NLM

STRUPxx.POA, where *xx* is your language code

STRUPxx.ADA, where *xx* is your language code

STRUPxx.MTA, where *xx* is your language code

GWPOA1xx.HLP, where *xx* is your language code

GWADA1xx.HLP, where *xx* is your language code

GWMTA1xx.HLP, where *xx* is your language code

GWPOA.FIL

GWADA.FIL

GWMTA.FIL

GWPOA1xx.MSG, where *xx* is your language code

GRPWISE.NCF

domain.MTA, where *domain* is your domain name

domain.ADA, where *domain* is your domain name

po.POA, where *po* is your post office name

- 3 Rename the GRPWISE.NCF file. For example, rename it to GRPWIS52.NCF.

- 4 Make sure the server's search path includes the new directory.

To check the current search path, type SEARCH at the console.

For help adding a search path, type HELP SEARCH.

- 5 At the console, enter **GRPWISE52.NCF** to load the agents.

Backing Up Your GroupWise Databases

Immediately before updating a domain or post office, you should back up the domain or post office. GroupWise provides a GWBackup utility, GWBACKUP.EXE, that you can use to back up (and restore) your databases.

The GWBackup utility is located in the ADMIN\UTILITY\GWBACKUP directory on the *GroupWise 5.5* CD.

For information about using GWBackup, see "[Backing Up GroupWise Databases](#)" in "[Databases](#)" in the *Maintenance* guide.

3

Updating Your GroupWise System

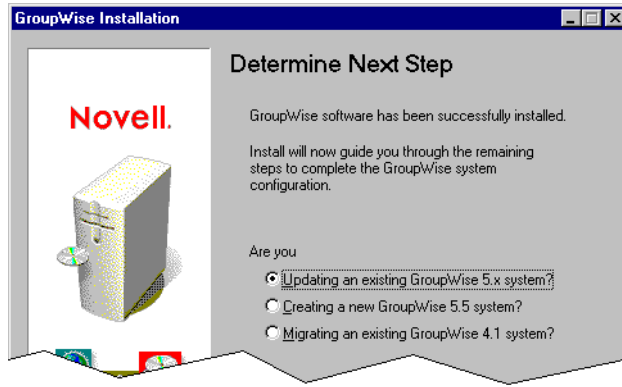
This section provides instructions for updating your GroupWise® system. Before completing the tasks listed below, make sure you've reviewed [Chapter 1, “Understanding the Update Process and Issues,”](#) on page 9 and [Chapter 2, “Preparing Your GroupWise System,”](#) on page 15.

- ♦ “Installing the GroupWise 5.5 Software” on page 19
- ♦ “Updating the Primary Domain” on page 21
- ♦ “Updating Post Offices” on page 28
- ♦ “Updating Users' GroupWise Client” on page 35
- ♦ “Updating Secondary Domains” on page 38
- ♦ “Updating the GroupWise Internet Agent” on page 38
- ♦ “Updating GroupWise WebAccess” on page 38

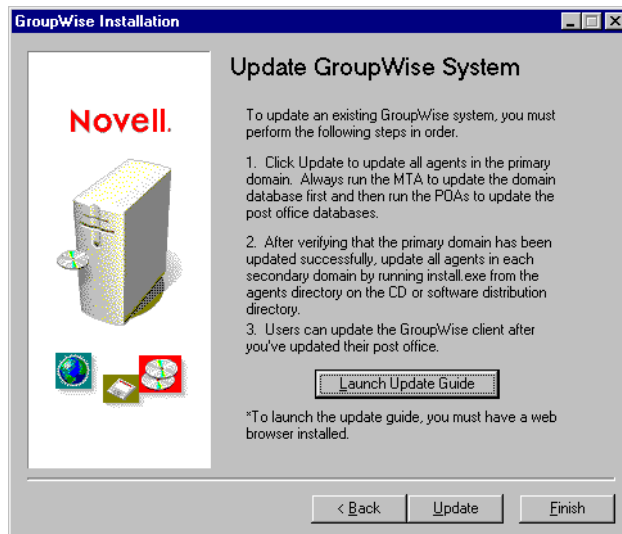
Installing the GroupWise 5.5 Software

To install the GroupWise 5.5 software:

- 1** Make sure you have Read, Write, Create, Erase, Modify, and File Scan rights (or equivalent rights) in the SYS:\PUBLIC directory and the software distribution directory.
- 2** From a Windows* 95/98/NT workstation, click Start > click Run > type `d:\install`, where *d* is the letter assigned to your CD drive.
- 3** Follow the prompts to install the GroupWise Administrator DLLs to the NetWare® server and the GroupWise 5.5 software to the software distribution directory. Continue until you reach the Determine Next Step dialog box.



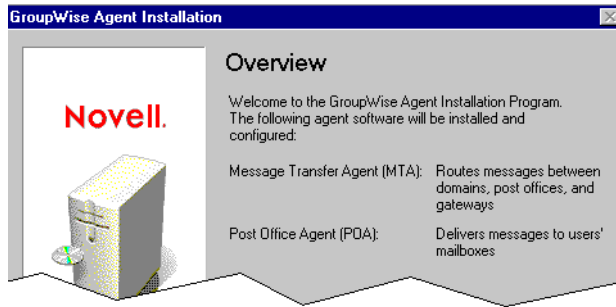
- 4 Select Updating an Existing GroupWise 5.x System > click Next to display the Update GroupWise System dialog box.



- 5 If you are at a workstation that has access to the server where the primary domain's MTA is located, click Update to launch the Agent Installation program.

or

Click Finish > go to a workstation from which you can install the agents > start the Agent Install program (INSTALL.EXE) from the *software\AGENTS* directory, where *software* is your GroupWise 5.5 software distribution directory.



6 Continue with “Updating the Primary Domain” on page 21.

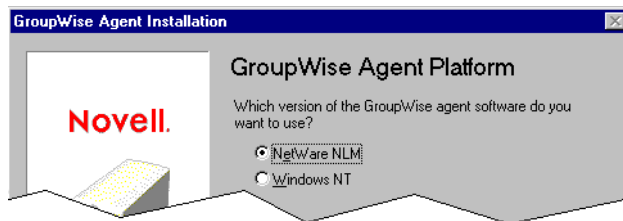
Updating the Primary Domain

To update the primary domain, you need to install and start the GroupWise 5.5 MTA.

IMPORTANT: The MTA and ADA cannot be running while you update the MTA files. In addition, once you've updated to the GroupWise 5.5 MTA, do not run the ADA again. The ADA is no longer necessary. Running the ADA in combination with a GroupWise 5.5 MTA can result in the loss of GroupWise 5.5 level information.

To install and start the GroupWise 5.5 MTA:

- 1 From the GroupWise Agent Installation Overview dialog box, click Next to display the License Agreement dialog box > click Accept to display the GroupWise Agent Platform dialog box.



- 2 Select NetWare NLM or Windows NT > click Next.
- 3 If you are installing the NLM™ MTA, see “Installing and Starting the NLM MTA” on page 22.

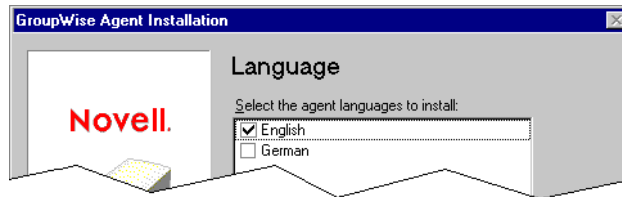
or

If you are installing the NT MTA, see “[Installing and Starting the NT MTA](#)” on page 25.

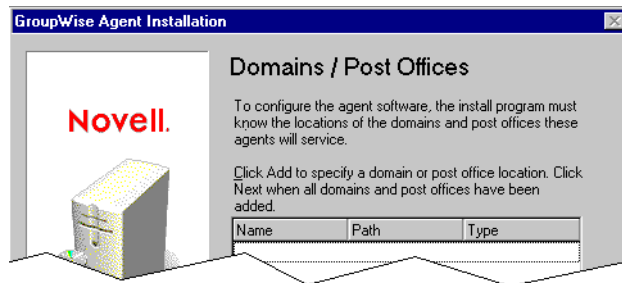
Installing and Starting the NLM MTA

To install and start the NLM MTA:

- 1 In the Installation Drive dialog box, select the SYS volume where you want to install the MTA > click Next to display the Language dialog box.



- 2 Select the languages you want to install > click Next to display the Domains / Post Offices dialog box.



When you load the MTA, you must use a /home switch to specify the path to the domain directory. This enables the MTA to retrieve GroupWise system information from the domain database. To simplify the process of loading the MTA, the Agent Installation program uses the information you enter in the Domains / Post Offices dialog box to create an MTA startup file and a GRPWISE.NCF file. The MTA startup file includes a /home switch that points to the domain directory you specify. The GRPWISE.NCF file includes the command to load the MTA using the MTA startup file.

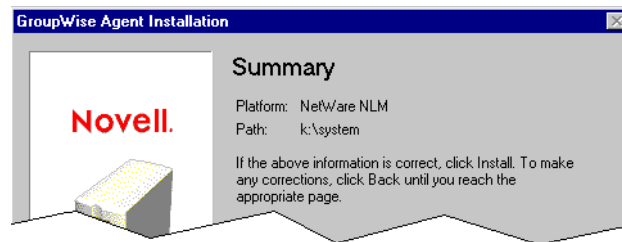
If the SYS:\SYSTEM directory contains a previous version of the GroupWise agents, the Agent Installation program creates the MTA

startup file with a .MT1 extension. For example, if your domain is named TechIndustries and you have an existing TECHINDU.MTA startup file, the Agent Installation program creates the new file as TECHINDU.MT1. It then deletes the existing GRPWISE.NCF file and creates a new one that includes the command to load the MTA using the new MTA startup file. If you've made modifications to your current MTA startup file, you will want to make the same modifications to the new MTA startup file or edit the GRPWISE.NCF file to point to your old MTA startup file.

- 3** To specify the domain name and location, click Add Domain > enter the domain name > enter the path to the domain directory > click OK.

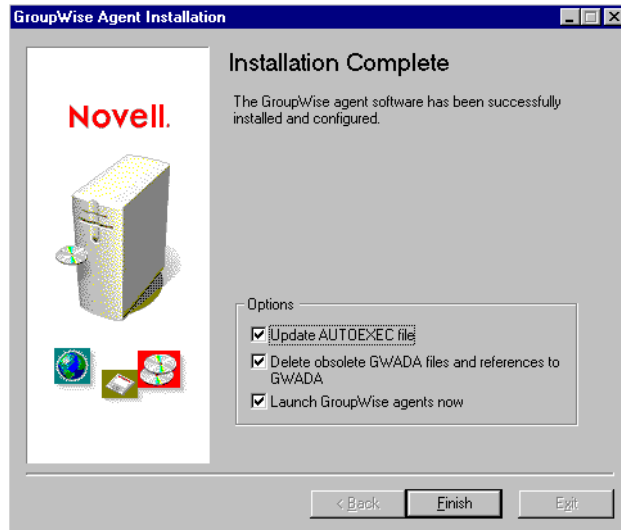
In addition to the MTA, the POA is automatically installed to the SYS:\SYSTEM directory. If you plan to run the POA on the server, specify the location of the post office (or post offices) the POA will service. The Agent Installation program creates a new POA startup file for the post office and includes a /home switch that points to the post office directory. The POA load command is also added to the GRPWISE.NCF file. If you have made modifications to your current POA startup file, you will want to make the same modifications to the new POA startup file or edit the GRPWISE.NCF file to point to your old POA startup file.

- 4** Click Next to display the Summary dialog box.



- 5** Click Install.

After the files have been successfully installed and the GRPWISE.NCF and startup files created, the following dialog box is displayed.



6 Select from the following options:

Update AUTOEXEC File: Select this option to reference the GRPWISE.NCF file from the server's AUTOEXEC.NCF file so that the MTA is automatically loaded whenever the server is started. If you specified a post office in the Domains / Post Offices dialog box (**Step 3**), the POA is also loaded.

Delete Obsolete GWADA Files and References to GWADA: The ADA is no longer necessary and should not be used with the GroupWise 5.5 MTA. Select this option to delete the ADA program and startup files from the SYS:\SYSTEM directory.

Launch GroupWise Agents Now: Select this option to start the MTA. Once you start the MTA, it updates the domain database to version 5.5. You can verify the database version has been updated by viewing the domain's Information page in NetWare Administrator. If you specified a post office in the Domains / Post Offices dialog box (**Step 3**), the POA is also started. After the domain database is updated, the POA will update the post office database. You can view the post office's Information page in NetWare Administrator to verify the database version has been updated to 5.5. If for some reason it has not, restart the POA.

7 Click Finish to perform the selected options.

8 To update post offices in the domain, skip to **“Updating Post Offices” on page 28**.

or

To update other domains, skip to “Updating Secondary Domains” on page 38.

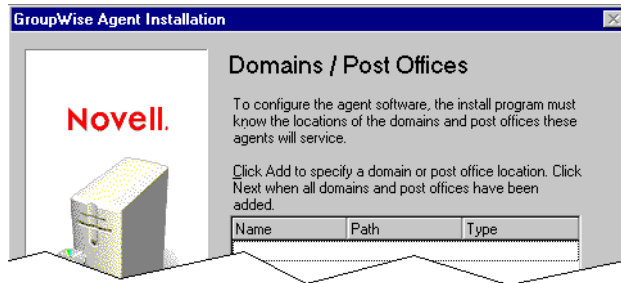
Installing and Starting the NT MTA

To install and start the NT MTA:

- 1 In the Installation Path dialog box, enter the path to the directory where you want to install the MTA > click Next to display the Language dialog box.



- 2 Select the languages you want to install > click Next to display the Domains / Post Offices dialog box.



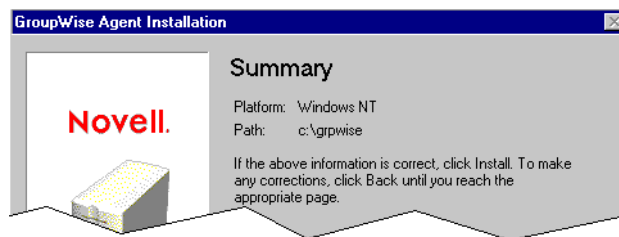
When you start the MTA, you must use a /home switch to specify the path to the domain directory. This enables the MTA to retrieve GroupWise system information from the domain database. To simplify the process of starting the MTA, the Agent Installation program uses the information you enter in the Domains / Post Offices dialog box to create an MTA startup file. The MTA startup file includes a /home switch that points to the domain directory you specify. The Agent Installation program then creates a Windows shortcut for the MTA program and includes the command to load the MTA using the MTA startup file.

If the directory where you are installing the GroupWise agents contains a previous version of the agents, the Agent Installation program creates the MTA startup file with a .MT1 extension. For example, if your domain is named TechIndustries and you have an existing TECHINDU.MTA startup file, the Agent Installation program creates the new file as TECHINDU.MT1. It then replaces the MTA shortcut on the Start menu (Start > Programs > GroupWise Agents) with the new startup file. If you have made modifications to your current MTA startup file, you will want to make the same modifications to the new MTA startup file or edit the MTA shortcut to point to your old MTA startup file.

- 3** To specify the location of your domain, click Add Domain > enter the domain name > enter the path to the domain directory > click OK.

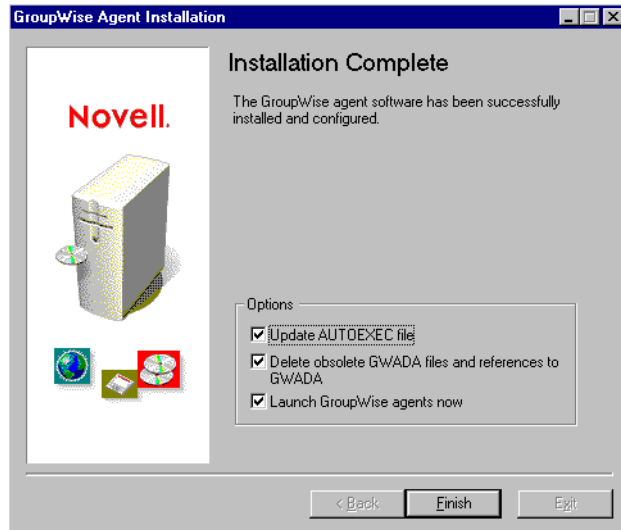
In addition to the MTA, the POA is automatically installed. If you plan to run the POA on the server, specify the location of the post office (or post offices) the POA will service. The Agent Installation program creates a new POA startup file for each post office and includes a /home switch that points to the post office directory. It then adds the POA shortcut (or shortcuts) to the Start menu. If you have made modifications to your current POA startup file, you will want to make the same modifications to the new POA startup file or edit the POA shortcut to point to your old POA startup file.

- 4** Click Next to display the Summary dialog box.



- 5** Click Install.

After the files have been successfully installed and the shortcuts and startup files created, the following dialog box is displayed.



6 Select from the following options:

Update AUTOEXEC File: This option is not available for NT agents.

Delete Obsolete GWADA Files and References to GWADA: The ADA is no longer necessary and should not be used with the GroupWise 5.5 MTA. Select this option to delete the ADA program and startup files from the agent directory and the ADA shortcut from the Start menu.

Launch GroupWise Agents Now: Select this option to start the MTA. Once you start the MTA, it updates the domain database to version 5.5. You can verify the database version has been updated by viewing the domain's Information page in NetWare Administrator. If you specified a post office in the Domains / Post Offices dialog box ([Step 3](#)), the POA is also started. Once the domain database is updated, the POA will update the post office database. You can view the post office's Information page in NetWare Administrator to verify the database version has been updated to 5.5. If for some reason it has not, restart the POA.

7 Click Finish to perform the selected options.

8 To update post offices in the domain, skip to [“Updating Post Offices” on page 28](#).

or

To update other domains, skip to [“Updating Secondary Domains” on page 38](#).

Updating Post Offices

To update a post office, you need to install the GroupWise 5.5 POA and run it against the post office.

IMPORTANT: The POA cannot be running while you update it. Users who connect to the post office via client/server (TCP/IP) will not be able to access the post office while the POA is shut down. However, users who connect to the post office via direct access (mapped drive or UNC path) can continue to access the post office.

To install and start the POA:

- 1 To install the POA to a NetWare server, start the GroupWise Agent Installation program (INSTALL.EXE) from a Windows 95/98/NT workstation that has access to the server's SYS:\SYSTEM directory. The INSTALL.EXE program is located in the *software*\AGENTS directory, where *software* is the path to your GroupWise 5.5 software distribution directory.

or

To install the POA to a Windows NT server or workstation, start the GroupWise Agent Installation program (INSTALL.EXE) from the Windows NT server or workstation. The INSTALL.EXE program is located in the *software*\AGENTS directory, where *software* is the path to your GroupWise 5.5 software distribution directory.

- 2 Click Next to display the License Agreement dialog box > click Accept to display the GroupWise Agent Platform dialog box.



- 3 Select NetWare NLM or Windows NT > click Next.

- 4 If you are installing the NLM POA, see “Installing and Starting the NLM POA” on page 29.

or

If you are installing the NT POA, see “Installing and Starting the NT POA” on page 32.

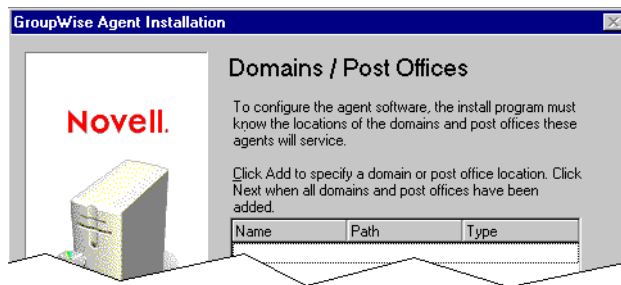
Installing and Starting the NLM POA

To install and start the NLM POA:

- 1 In the Installation Drive dialog box, select the SYS volume where you want to install the POA > click Next to display the Language dialog box.



- 2 Select the languages you want to install > click Next to display the Domains / Post Offices dialog box.

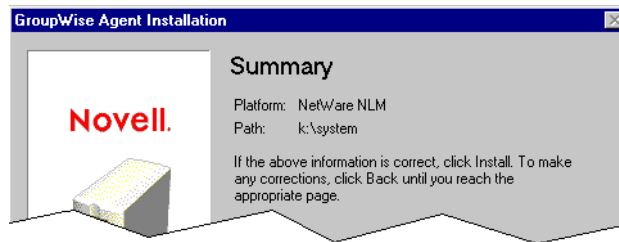


When you load the POA, you must use a /home switch to specify the path to the post office directory. This enables the POA to retrieve GroupWise system information from the post office database. To simplify the process of loading the POA, the Agent Installation program uses the information you enter in the Domains / Post Offices dialog box to create a POA startup file and a GRPWISE.NCF file. The POA startup file includes a /home switch that points to the post office directory you specify. The

GRPWISE.NCF file includes the command to load the POA using the POA startup file.

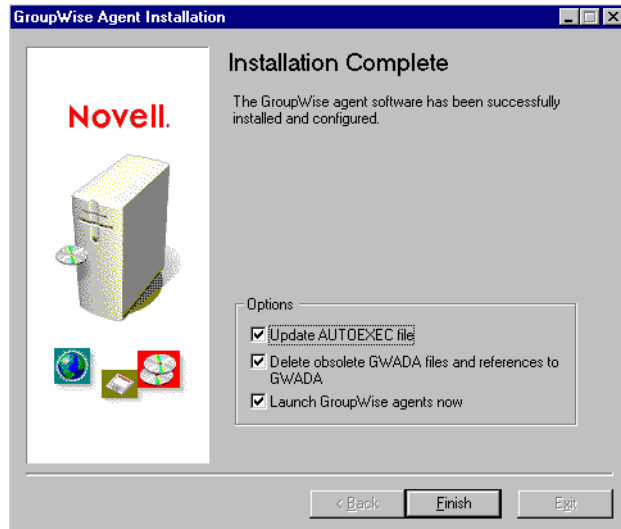
If the SYS:\SYSTEM directory contains a previous version of the POA, the Agent Installation program creates the POA startup file with a .PO1 extension. For example, if your post office is named Research and you have an existing RESEARCH.POA startup file, the Agent Installation program creates the new file as RESEARCH.PO1. It then modifies the existing GRPWISE.NCF file to include the command to load the POA using the new POA startup file. If you have made modifications to your current POA startup file, you will want to make the same modifications to the new POA startup file or edit the GRPWISE.NCF file to point to your old POA startup file.

- 3** To specify the location of the post office, click Add Post Office > enter the post office name > enter the path to the post office directory > click OK.
- 4** Click Next to display the Summary dialog box.



- 5** Click Install.

After the files have been successfully installed and the GRPWISE.NCF and startup files created, the following dialog box is displayed.



6 Select from the following options:

Update AUTOEXEC File: Select this option to reference the GRPWISE.NCF file from the server's AUTOEXEC.NCF file so that the POA is automatically loaded whenever the server is started.

Delete Obsolete GWADA Files and References to GWADA: The ADA is no longer necessary and should not be used with the GroupWise 5.5 MTA and POA. Select this option to delete the ADA program and startup files from the SYS:\SYSTEM directory. If you have never installed the ADA to this server, you do not need to select this option.

Launch GroupWise Agents Now: Select this option to start the POA. Once you start the POA, it updates the post office database to version 5.5. You can verify the database version has been updated by viewing the post office's Information page in NetWare Administrator.

7 Click Finish to perform the selected options.

8 To update additional post offices in the domain, repeat the steps in this section.

or

To update users to the GroupWise 5.5 client, skip to [“Updating Users' GroupWise Client” on page 35.](#)

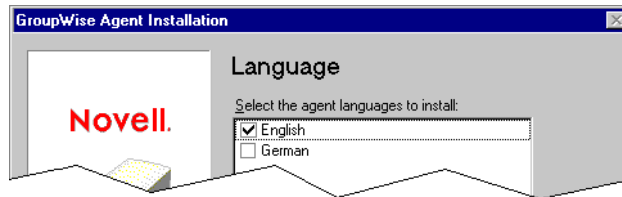
or

To update other domains, skip to “Updating Secondary Domains” on page 38.

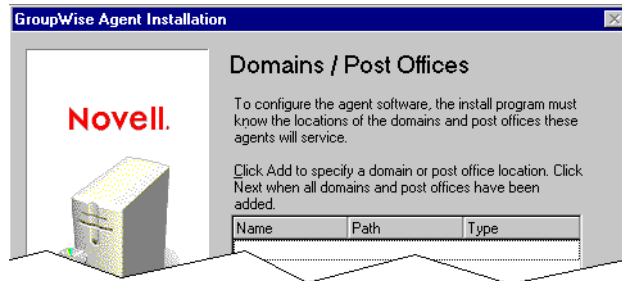
Installing and Starting the NT POA

To install and start the NT POA:

- 1 In the Installation Path dialog box, enter the path to the directory where you want to install the POA > click Next to display the Language dialog box.



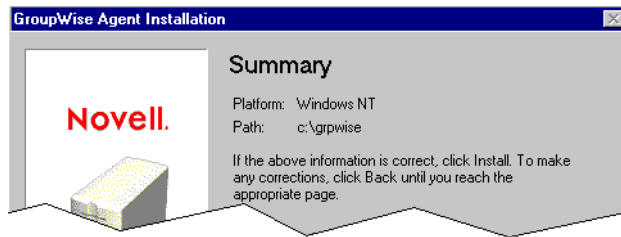
- 2 Select the languages you want to install > click Next to display the Domains / Post Offices dialog box.



When you start the POA, you must use a /home switch to specify the path to the post office directory. This enables the POA to retrieve GroupWise system information from the post office database. To simplify the process of starting the POA, the Agent Installation program uses information you enter in the Domains / Post Offices dialog box to create a POA startup file. The POA startup file includes a /home switch that points to the domain directory you specify. The Agent Installation program then creates a Windows shortcut for the POA program and includes the command to load the POA using the POA startup file.

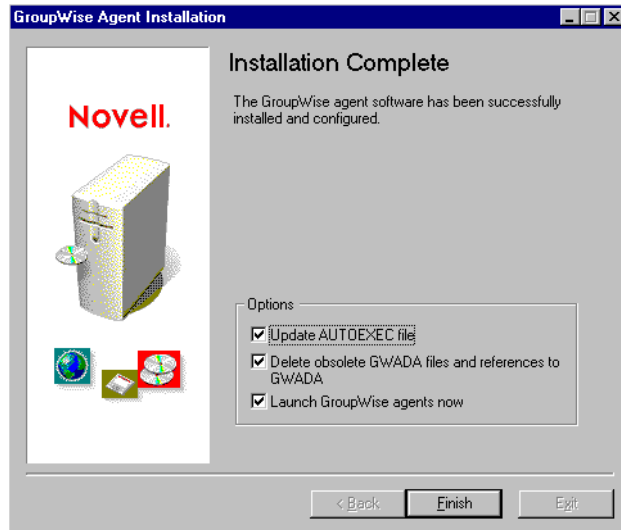
If the directory where you are installing the GroupWise agents contains a previous version of the agents, the Agent Installation program creates the POA startup file with a .PO1 extension. For example, if your domain is named Research and you have an existing RESEARCH.PO1 startup file, the Agent Installation program creates the new file as RESEARCH.PO1. It then replaces the POA shortcut on the Start menu (Start > Programs > GroupWise Agents) with the new startup file. If you have made modifications to your current POA startup file, you will want to make the same modifications to the new POA startup file or edit the POA shortcut to point to your old POA startup file.

- 3** To specify the location of the post office, click Add Post Office > enter the post office name > enter the path to the post office directory > click OK.
- 4** Click Next to display the Summary dialog box.



- 5** Click Install.

After the files have been successfully installed and the shortcut and startup file created, the following dialog box is displayed.



6 Select from the following options:

Update AUTOEXEC File: This option is not available for NT agents.

Delete Obsolete GWADA Files and References to GWADA: The ADA is no longer necessary and should not be used with the GroupWise 5.5 MTA and POA. Select this option to delete the ADA program and startup files from the agent directory and the ADA shortcut from the Start menu. If you have never installed the ADA to this server, you do not need to select this option.

Launch GroupWise Agents Now: Select this option to start the POA. Once you start the POA, it updates the post office database to version 5.5. You can verify the database version has been updated by viewing the post office's Information page in NetWare Administrator.

7 Click Finish to perform the selected options.

8 To update additional post offices in the domain, repeat the steps in this section.

or

To update users to the GroupWise 5.5 client, see [“Updating Users' GroupWise Client” on page 35.](#)

or

To update other domains, skip to [“Updating Secondary Domains” on page 38](#).

Updating Users' GroupWise Client

After a post office is updated to version 5.5, users who have accounts on that post office can start using the GroupWise 5.5 client.

If you updated the users' software distribution directory to version 5.5 during installation, users who run the GroupWise client from the software distribution directory (a workstation installation) will be updated to version 5.5 the next time they start the GroupWise client. Users who run the GroupWise client from their local drive (a standard installation) will not be updated automatically. You need to use the Software Directory Management feature in NetWare Administrator to force Standard Install users to update. Follow the instructions under [“Updating a Software Distribution Directory” on page 35](#), choosing the Force Auto-Update Check by GroupWise Component option when instructed.

If you created a new software distribution directory during installation, you will need to use the new software distribution directory to update the users' old software distribution directory. Users will not be prompted to update until you've updated their software distribution directory. You will also need to copy the View files from the software distribution directory to the post office directory. The following sections provide instructions:

- ◆ [“Updating a Software Distribution Directory” on page 35](#)
- ◆ [“Copying the GroupWise Views to the Post Office Directory” on page 38](#)

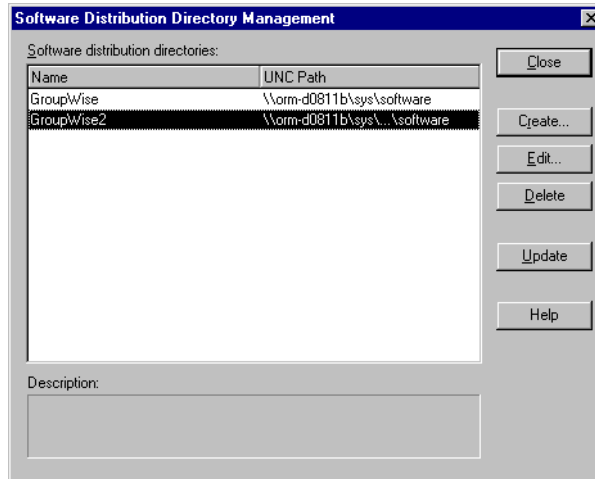
IMPORTANT: Before you update a software distribution directory, make sure all post offices that use the software distribution directory have been updated. The GroupWise 5.5 client cannot access a GroupWise 5, 5.1, or 5.2 post office. Users who update to the GroupWise 5.5 client before their post office has been updated will be locked out of their post office.

Updating a Software Distribution Directory

Users cannot be running the GroupWise client from the software distribution directory while you are updating the software in it. Open files will not be updated.

To update a GroupWise 5.x software distribution directory to GroupWise 5.5:

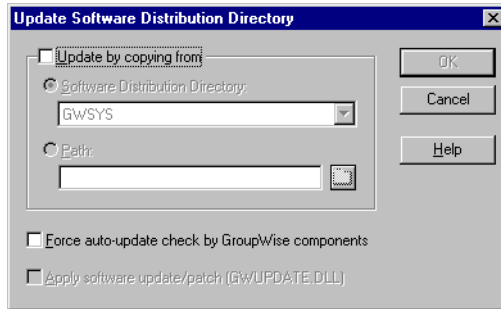
- 1 Make sure you have Read, Write, Create, Erase, Modify, and File Scan rights (or equivalent rights) in the software distribution directory containing the GroupWise 5.5 software and in the software distribution directory you will be updating.
- 2 In the NetWare Administrator browser window, click Tools > click GroupWise System Operations > double-click Software Directory Management.



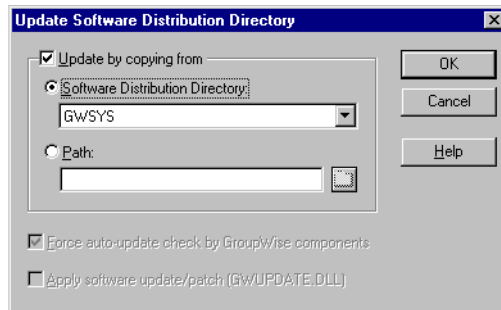
- 3 In the Software Distribution Directories list, select the GroupWise 5.x directory you want to update > click Update to display the Update Software Distribution Directory dialog box.

or

If the GroupWise 5.5 software distribution directory does not appear in the list, click Create > type a name for the software distribution directory in the Name field > select the path to the directory in the UNC Path field > click OK to return to the Software Distribution Directory Management dialog box. Select the GroupWise 5.x directory you want to update > click Update to display the Update Software Distribution Directory dialog box.



- 4 Click Update by Copying From > select the GroupWise 5.5 software distribution directory.



The Force Auto-Update Check by GroupWise Components option is automatically selected. This causes the GroupWise client to check for a new version; if a new version is found, the client then prompts users to update the next time they start the client.

IMPORTANT: If the software distribution directory is already updated to version 5.5 and you are now trying to force Standard Install users to update to the GroupWise 5.5 client, you should only select the Force Auto-Update Check by GroupWise Components option.

- 5 Click OK to copy the files.

IMPORTANT: When you turn on auto-update (the Force Auto-Update Check by GroupWise Components option), a flag is set in each post office database. This flag instructs the GroupWise client to check for updated software. GroupWise clients using direct access mode (mapped or UNC path) read this new setting in the post office database and automatically check for updated software. However, GroupWise clients running in client/server mode do not access the post office database directly; instead, the Post Office Agent accesses the post office database for them. For the Post Office Agent to read the new auto-update setting,

you need to restart the Post Office Agent. Only after restarting the POA will GroupWise clients running in client/server mode check for updated software.

Copying the GroupWise Views to the Post Office Directory

GroupWise 5.5 includes new GroupWise client views. To make these views available to users, you need to copy them from the software distribution directory to each post office directory.

Copy the files from

`z:\software\CLIENT\OFVIEWS\WIN`

to

`x:\po\OFVIEWS\WIN`

where `z:\software` is the path to the software distribution directory and `x:\po` is the path to the post office directory.

Updating Secondary Domains

Once you've updated the primary domain, you can update any secondary domains in your system. To do so, follow the same process you used to update the primary domain, its post offices, and users.

Updating the GroupWise Internet Agent

The GroupWise 5.5 Internet Agent can be run in any GroupWise 5.x domain. For information about installing GroupWise 5.5 Internet Agent, see the *GroupWise Internet Agent* guide.

Updating GroupWise WebAccess

GroupWise 5.5 WebAccess can only access GroupWise 5.5 post offices. This means you must choose between the following update methods:

- ♦ Wait until all post offices with WebAccess users have been updated. This includes all post offices with library documents that can be requested by WebAccess or WebPublisher users.

- ◆ Keep your previous installation of GroupWise WebAccess to service users on pre-5.5 post offices, and install GroupWise 5.5 WebAccess to service users on 5.5 level post offices.

For information about installing GroupWise 5.5 WebAccess, see the *GroupWise WebAccess* guide.

A

What's New in GroupWise 5.5

This section lists the enhancements and new features in the GroupWise® 5.5 components. When applicable, references to the locations where you can find more information are provided.

- ◆ “GroupWise Administrator” on page 41
- ◆ “GroupWise Agents” on page 44
- ◆ “GroupWise Clients” on page 47
- ◆ “GroupWise Internet Agent” on page 52
- ◆ “GroupWise WebAccess” on page 52

GroupWise Administrator

GroupWise 5.5 Administrator includes the following enhancements and new features.

Access Rights

Major enhancements have been made to enable you to properly set the file system rights and NDS™ object rights required by GroupWise users and agents.

User Access Rights

You can use the new Set Rights feature to provide users with the file system rights and NDS object rights they need to access their GroupWise post office.

For more information, see "[GroupWise User Rights](#)" in the *Security* guide.

Agent Access Rights

You can also use the new Set Rights feature to provide the MTA or POA with the file system rights it needs to access its domain directory or post office directory.

For more information, see "[GroupWise Agent Rights](#)" in the *Security* guide.

Auto-Connect to Object's System

If you attempt to modify a GroupWise object that is not part of the system you are currently connected to, you will be prompted and given the choice to automatically connect to the object's system.

Document Management Services

Document Management Services has been greatly enhanced in GroupWise 5.5. Some of the highlights are listed below.

Automatic Library Creation

You can now create a library for a post office at the same time you are creating the post office.

Librarian

You can give one or more users Manage rights to a library. These users, called Librarians, can move, copy, delete, archive, or change the properties for any documents in that library. They can also restore blobs from backup and generate reports on library documents. They cannot view the content of documents.

For more information, see "[Assigning Librarians](#)" in the *Document Management Services* guide.

Document Related Properties

You can set up project and subproject properties and make these related properties available to users.

For more information, see "[Defining Related Properties](#)" in the *Document Management Services* guide.

Import/Export Custom Table Values

You can now import and export custom table values, including related properties.

For more information, see "[GroupWise Tools](#)" in "[GroupWise Maintenance Tools in NetWare Administrator](#)" in the *Maintenance* guide.

SoftSolutions Migration

Migration from SoftSolutions® 4.1 has been improved.

For more information, see "[Migrating SoftSolutions 4.1 to GroupWise 5.5](#)" in the *Migration* guide.

GroupWise External Entity Conversion

You can now convert a GroupWise external entity to an NDS user.

For more information, see "[Creating GroupWise User Accounts](#)" in "[Users](#)" in the *Maintenance* guide.

GroupWise Object Deletion

You can now delete all domains, including the primary domain, in NetWare® Administrator. In addition, you can delete GroupWise objects from NDS even if you are not connected to the GroupWise system.

Internet Addressing

Internet-style addressing is one of the major new features of GroupWise 5.5. Internet addressing allows you to configure your GroupWise system so that users can send messages to both GroupWise users and Internet users using Internet addressing format. Several addressing formats are supported, such as `jsmith@novell.com` and `john.smith@novell.com`. Recipients of the message see the sender's address in the format you've selected. In addition, if your company owns multiple Internet Domain Names, you select which names are associated with each GroupWise domain, post office, and user.

For more information, see the *Internet Addressing* guide.

NDS User Synchronization

Configuring the MTA to perform NDS user synchronization has been simplified. You can now use the NDS User Synchronization feature to 1) set the NDS access rights required by an MTA to perform synchronization, 2) enable or disable synchronization by the MTA, and 3) assign the MTA to the domains for which it will perform synchronization.

For more information, see "[Using NDS User Synchronization](#)" in "[Reconfiguring the MTA](#)" in the *Agent Setup* guide.

New Client Options

Many new GroupWise client features have been added. You can control the use of these features through the following options:

- ◆ Enable or disable a user's ability to create shared folders.
- ◆ Enable or disable a user's ability to share address books.
- ◆ Allow or disallow NDS Single Sign-On; with NDS Single Sign-On, users are not prompted for their GroupWise mailbox password if they are already authenticated to NDS.
- ◆ Enable or disable wildcard addressing by users; wildcard addressing provides users with the ability to send to all users in a post office (the default), in a domain, or in multiple domains without having specific distribution lists defined for each of these.

For more information, see "[Setting Client Option Defaults for Users](#)" in "[Users](#)" in the *Maintenance* guide.

GroupWise Agents

The GroupWise 5.5 NLM, Windows NT*, and UNIX* agents include the enhancements and new features listed below.

ADA Merged into MTA and POA

The Administration Agent (ADA) has been discontinued and its functionality incorporated into the Message Transfer Agent (MTA) and Post Office Agent (POA). An admin thread has been added to the POA and MTA to handle activities previously performed by the ADA.

For more information about the admin thread in the POA, see "[Controlling the POA from the POA Operation Screen](#)" in "[Monitoring the POA](#)" in the *Agent Setup* guide.

For more information about the admin thread in the MTA, see "[Controlling the MTA from the MTA Operation Screen](#)" in "[Monitoring the MTA](#)" in the *Agent Setup* guide.

NDS User Synchronization

When enabled, the MTA now performs NDS user synchronization. In addition, the configuration of NDS user synchronization has been greatly improved, including the ability to have NetWare Administrator set the NDS object rights required by the MTA to perform the synchronization.

For more information about NDS user synchronization, see "[Using NDS User Synchronization](#)" in "[Reconfiguring the MTA](#)" in the *Agent Setup* guide.

Post Office Links Using TCP/IP

The MTA can now access a post office directory by way of a TCP/IP link to the POA. This eliminates the need to run an MTA at the post office to support a TCP/IP link between the MTA and post office.

For more information about using TCP/IP as the post office link, see "[Changing the Link Protocol between the Post Office and the Domain](#)" in "[Reconfiguring the POA](#)" in the *Agent Setup* guide.

POA Nightly User Upkeep

The POA can perform nightly user upkeep, consisting of the following activities:

- ◆ Delete expired items from users' mailboxes
- ◆ Empty expired items from users' Trash
- ◆ Synchronize users' Frequent Contact books with the System Address Book
- ◆ Advance uncompleted tasks to the next day
- ◆ Generate a current copy of the System Address Book for GroupWise Remote users

By having the POA perform these activities, users no longer have to wait while the GroupWise client performs them.

For more information about nightly user upkeep, see "[Performing Nightly User Upkeep](#)" in "[Reconfiguring the POA](#)" in the *Agent Setup* guide.

New Startup Switches

The POA supports two new startup switches: `/rights` and `/dn`. The `/rights` startup switch enables the POA to identify any file or directory to which it has insufficient rights to function properly. The `/dn` (distinguished name) startup switch enables the POA to log in to remote servers without needing the `/user` and `/password` switches. The `/dn` switch is supported by the NLM POA only, not the NT POA.

The NLM MTA supports the `/dn` (distinguished name) startup switch. It functions the same for the MTA as it does for the POA.

For more information about the new POA startup switches, see [POA Startup Switches](#)" in the *Agent Setup* guide.

For more information about the new MTA startup switch, see "[MTA Startup Switches](#)" in the *Agent Setup* guide.

DNS Address Lookups

The MTA can be configured to do DNS lookups to discover the address of GroupWise 5.5 MTAs running in other GroupWise systems. This enables GroupWise 5.5 MTAs in different systems to communicate directly with each other across the Internet. For more information, see "[Using Dynamic Internet Links Between 5.5 Systems](#)" in the *Connectivity* guide.

Default Routing Domain

You can specify a default routing domain. Any messages that would otherwise be undeliverable will automatically be delivered to the default routing domain. The MTA in the default routing domain can be enabled to perform DNS lookups so that it can continue to try to resolve the address.

For more information, see "[Using a Default Routing Domain](#)" in "[Reconfiguring the MTA](#)" in the *Agent Setup* guide.

Link Scheduling

You can now schedule when links are open between domains. Schedules can be based on time, total number of waiting messages, and total size of waiting messages.

For more information, see "[Scheduling Direct Domain Links](#)" in "[Reconfiguring the MTA](#)" in the *Agent Setup* guide.

MTA In Progress Queue

The MTA now routes all messages through an "in progress" queue (GWINPROG directory) rather than having different processing methods for messages that arrive through TCP/IP as opposed to file copy. In addition, to eliminate scanning of its input queues and improve throughput, the MTA uses memory resources to keep track of all messages. You can configure how much memory is available to the MTA for tracking messages.

For more information, see "[Optimizing the MTA](#)" in the *Agent Setup* guide.

GroupWise Clients

The GroupWise 5.5 client for Windows* 95/98/NT includes the enhancements and new features listed below. GroupWise 5.5 clients have not been developed for Macintosh*, Windows 3.1, or UNIX. Users running GroupWise 5, 5.1, or 5.2 clients in a GroupWise 5.5 system can expect the level of functionality supported by their clients.

For information about using new features, from the GroupWise 5.5 client for Windows 95/98/NT, click Help > HelpTopics > Contents.

Address Book

You'll find a new Properties and Sharing dialog box in the Address Book.

Importing and Exporting Groups

You can now import and export groups of users in Address Book.

Properties

You can now display the properties of an address book, such as name, provider, and so on. In addition, you can specify automatic cleanup options for your Frequent Contacts address book.

Sharing Address Books

You can now share personal address books, including your Frequent Contacts book. Use the Sharing tab in the Address Book to specify whether or not you want to share the address book, and if so, with whom you want to share it and which access rights the person should have.

Attachments

You can now view attachments in the QuickViewer.

Calendar

You'll find major improvements in Calendar. The highlights are outlined below.

Calendar Views

You'll find new month and multi-user calendar views. In addition, you can specify whether you want to display a grid and week numbers in your calendar view.

Calendar Folder

In the Calendar folder, you can specify which calendar views you use the most and add them as tabs on the Calendar dialog box.

Work Schedule

This new feature makes it possible for you to specify when you'll be in the office. By doing so, you can avoid having people schedule you for meetings during times when you aren't available. For example, if you work part-time from 8:00 a.m. to 12:00 p.m., you can specify these hours as your work schedule. When other people use Busy Search to schedule a meeting, they'll be able to see that you aren't at work from 12:00 p.m. to 5:00 p.m.

Conversation Place

You can now take notes in Conversation Place and save them in a phone log.

Document Management

If you use GroupWise Library, you'll find a lot of new features that will make using document management in GroupWise a whole lot easier.

Activity Log

You can now view information about deleted documents in the activity log. This makes it possible for you to get the blob filename needed to restore a deleted document.

Document Backup

You can use the Replace with Backup feature in conjunction with your backup software to replace a document in the library with a file from backup.

Document Echoing

Document Echoing enables you to view, read, and edit your documents when the network is unavailable.

Document Find

You can now use the Find feature to locate documents from the Select Document dialog box. This makes it possible for you to easily create a reference to a document when you don't know the document number.

Document References

You can now send a document reference to someone on an external domain or to someone over the Internet.

Document Sharing

You can now specify default sharing rights for all the documents you create. The default rights you specify are applied to each new document you create.

Documents Folder

You'll see a new Documents folder in the Folder List in your Main Windows. By default, all the new documents you create will be stored in this folder. In addition, you can use the find results folders in the Documents folder to find all the documents you have rights to in your default library and all the documents that you are the author for.

Import

You can now import an entire folder (directory) of documents.

Integrations

You can now turn integrations on or off for each application on your machine. In addition, you can use the new Integrations tab to integrate applications that weren't integrated during Setup.

Mass Document Operation

The Mass Document Operations wizard makes it possible for you to move, copy, delete, or change the properties of a group of documents you own.

Remote Disk Space Management

In GroupWise Remote, you can now see what documents (the actual blob files) are downloaded and how much disk space they use. This makes it possible for you to delete files from your Remote Library and manage your disk space.

Find

The Look For and the Look In tabs have been combined into a single Find tab which makes it easier to perform specific searches from the main Find dialog box. In addition, you can use the new Find By Example tab to look for items, including documents, that match an example you specify in a specific field. GroupWise finds all the items with fields that match the information you specify and displays them in the Find Results window. You can select any item type (mail message, document, appointment, task, phone message, or reminder note) to search. The fields on the Find By Example tab vary depending on the type of item you select.

Main Window

You'll find a few changes in the look of your GroupWise Main Window.

Display

You can change the display of your Item List using the new Display drop-down list in the toolbar. The display list makes it easy to change the type of items displayed in your Item List.

Unread Items

All your unread items will now be bold until you read them. This makes it easier to sift through the items in your mailbox.

NDS Single Sign-On

If you are already authenticated to NDS, you can have GroupWise log in without prompting you for a password.

Notify

You can now view a list of your new items while you're in Notify.

Print Calendar

You'll find general improvements in the way Print Calendar works as well as several new calendar print formats.

General Improvements

When you print a calendar, you now have the option to print a header or footer, to include a week number on the printout, to include or exclude weekend days in the printout, and to change the print font.

Calendar Print Formats

You'll find a new GroupWise calendar type which allows for more complete text overflow than is available in the Franklin Quest calendar type. The GroupWise calendar type also shows appointment duration graphically. In addition, you'll find several new calendar print formats.

Save Items as Documents

You can save items in your mailbox as documents in a GroupWise library. This includes mail messages, reminder notes, tasks, and more.

Send to All

Using the new wildcard addressing, you can send an item to every person on your post office. If enabled by the GroupWise system administrator, you can even send to every person in your domain or other domains.

S/MIME

S/MIME support has been added to take advantage of third-party secure message packages. For more information, see the [GroupWise Partners site](http://www.novell.com/groupwise/partners) (<http://www.novell.com/groupwise/partners>).

GroupWise Internet Agent

The GroupWise Internet agent has been enhanced to support the new Internet addressing feature in GroupWise 5.5. For information about installing GroupWise Internet Agent, see the *GroupWise Internet Agent* guide.

For information about the Internet addressing feature, see the *Internet Addressing* guide.

GroupWise WebAccess

GroupWise WebAccess includes the enhancements and new features listed below. For information about installing GroupWise WebAccess, see the *GroupWise WebAccess* guide. For information about using GroupWise WebAccess features, see the Help provided in GroupWise WebAccess.

Folders

You can now add and delete folders as well as accept shared folders.

Personal Address Book

Personal address book support has been added, which means you can select users from, add users to, and delete users from your personal address book.

Trash

You can now view and undelete items from the Trash.

WebPublisher

GroupWise WebPublisher has been added to GroupWise WebAccess. GroupWise WebPublisher lets WebAccess users search for documents in libraries, save library documents to their local drive in native format, and view library documents in HTML format.

GroupWise WebPublisher also lets non-GroupWise users view public documents stored in your GroupWise libraries. For example, if you have Marketing literature in your libraries that you want available to everyone, including Web users who don't have access to your GroupWise system, you can publish the documents to the public. Web users only need to know the location of your GroupWise WebAccess/WebPublisher site to access the documents.

B

GroupWise 5.x Compatibility Matrix

Use the following chart to determine whether a GroupWise® 5.5 component is compatible with a GroupWise 5, 5.1, or 5.2 component. The left-hand column lists the GroupWise 5, 5.1, and 5.2 components, while the GroupWise 5.5 components are listed across the top row.

To read the chart, locate the GroupWise 5, 5.1, or 5.2 component you want and read across the row until it intersects the column that contains the GroupWise 5.5 component you want.

		GROUPWISE 5.5						
		Domains and Post Offices	Administrator	MTA	POA	Client (Direct)	Client (C/S)	Remote
G R O U P W I S E	Domains and Post Offices	NA	S	S	S	NS	NA	NA
	Administrator	NS	NA	NS	NS	NA	NA	NA
	MTA	NS	S	S	NS	NA	NA	NA
	ADA	NS	S	NS	NS	NA	NA	NA
	POA	NS	S	S	NA	NS	NS	NS
	Client (Direct)	S	NA	NA	S	NA	NA	NA
5	Client (C/S)	NA	NA	NA	S	NA	NA	NA
5.1	Remote	NA	NA	NA	S	NA	NA	NA
5.2								

S = Supported NS = Not Supported NA = Not Applicable

Example 1: To see if you can use the GroupWise 5.1 client in client/server mode against a GroupWise 5.5 POA, locate GroupWise Client (C/S) in the first column, then read across the row to the POA column. The cell contains an S, which means the configuration is supported.

Example 2: To see if you can use the GroupWise 5 Administrator to administer a GroupWise 5.5 domain, locate GroupWise Administrator in the first column, then read across the row to the Domains and Post Offices column. The cell contains an NS, which means the configuration is not supported.

Example 3: To see if you can use the GroupWise 5.5 POA in the same domain as the GroupWise 5.2 MTA, locate MTA in the first column, then read across the row to the POA column. The cell contains an NS, which means the configuration is not supported.