

Avoid beta releases

Roaming Profiles do not work properly in NT 4.0 Beta releases. Make sure that you are using only NT 3.51 or final-release NT 4.0 workstations.

Avoid dueling profiles

Roaming profiles are maintained per network user. If you use NDS* and have a user identity in more than one tree, then you will have a different profile for each tree. IntranetWare* uses the profile of the first tree you log in to. To maintain a consistent desktop, always log in to the same tree first.

If you use NetWare bindery servers and have a user identity on more than one server, then you will have a different profile for each server. To maintain a consistent desktop, always log in to the same server first.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

Client API Support

This version of the Novell* IntranetWare* Client* for Windows** NT** supports

- 32-bit applications that are supported by Windows NT
- 16-bit Microsoft** Windows applications that use the 16-bit NWCALLS library set
- NWSIPX API (32-bit)
- NWIPXSPX API (16-bit)

To close all dialog boxes and restart the workstation

1. Choose **OK** to close the **Novell* IntranetWare* Client* Services Configuration** dialog box.
2. Choose **OK** to close the **Network Settings** dialog box.
3. Choose **Restart Now** to restart the workstation.

Configure the NT Workstation to Use the IntranetWare-cached User Profiles Option

All NT workstations where the roaming profile will be used must be configured to use the IntranetWare*-cached user profiles option.

To configure the NT workstation to use the IntranetWare cached user profiles option

1. Log in to the NT workstation as an administrator.
2. Open the **Novell* IntranetWare Client* Services Configuration** dialog box.
3. Under **Advanced Login**, enable the **IntranetWare Storage of Roaming Profile** check box.
4. Select either **Store Profile in User Home Directory** or **Store Profile in an IntranetWare File System Directory**. If the latter is chosen, enter a path for storage of the user profile.
5. Close all dialog boxes and reboot to put the new settings into effect.

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Configuring the NT Workstation to Use the IntranetWare-cached User Profiles Option

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1. Log in to the NT workstation as an administrator.
2. Open the **Novell* IntranetWare Client* Services Configuration** dialog box.
3. Under **Advanced Login**, enable the **IntranetWare Storage of Roaming Profile** check box.
4. Close all dialog boxes and reboot to put the new settings into effect.

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Administering Novell IntranetWare Client for Windows NT

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Creating a Roaming Profile

To create a roaming profile for the user, the supervisor must first create a profile for the user and then set the proper permissions on the profile to allow it to be used on multiple workstations.

To create a profile for the user

1. Use the IntranetWare* GINA to log in to the server and to the local NT workstation.
You must have Administrator rights on the NT workstation.
2. (Optional) Once the login process is completed, the NT Administrator can make any desired modifications to Program Manager groups, the desktop, etc.
3. Load the User Profile Editor (UPEDIT).
4. Set the proper permissions.
5. Change any other user profile properties that you want to change.
6. Save the file.
 1. Use the Save As option in the File menu.
 2. Specify either the user's home/mail directory or the IntranetWare File System directory.
 3. Name the file.
Name the file NT3CPRO with no extension (NT3CPRO.MAN for a mandatory profile).
Note: Typing a period at the end of NT3CPRO will save the file without an extension. If you omit the period, UPEDIT will use the default extension .MAN, which specifies a mandatory profile.
 4. Choose **OK**.

Note: Once you've created a profile, you can copy it for other users so that all the users's profiles will be similar, unless the users change their profiles. This allows you to use one generic profile as a template for each user's profile, without having to create a new profile for each user.

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

Creating a Roaming Profile

To create a roaming profile for the user, the user need only log in. This creates a profile and "pushes" it out to the network.

To create a profile for the user

1. Use the IntranetWare* GINA to perform an NDS* login to the server and to the local NT** workstation.
2. Log off.

(Windows NT 4.0) During the logoff process, the user's profile is uploaded to the network and is stored in the location specified by the roaming profile storage setting, either the Windows NT 4.0 Workstation Profile directory structure in the user's home/mail directory on the IntranetWare or NetWare 4 server, or the path specified under **Store Profile in an IntranetWare File System Directory** on the Advanced Login property page.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

Hardware Requirements

Novell* IntranetWare* Client* for Windows** NT** has the following hardware requirements:

Workstation

- Intel* 386 or higher microprocessor
- VGA or VGA-compatible graphics card
- 12 MB of memory (basic), 16 MB recommended

Server

- NetWare 3.11 or later
- One of the following name spaces should be loaded if you want to support long filenames:
- NetWare 4.11 and IntranetWare: LONG.NAM
- NetWare 3.11 to NetWare 4.10: OS/2 name space

Note: OS2OPNFX.NLM from 311PTD.EXE is required for long filenames on NetWare 3.11 servers. 311PTD.EXE is available on Novell's Electronic Services Worldwide.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

About Home Directories

The user's home/mail directory is dependent on the type of IntranetWare connection. For an NDS connection, the user's home/mail directory refers to the location specified as the user's home directory in NDS. For bindery connections (including bindery connections to NetWare 4 or IntranetWare servers), this refers to the user's mail directory.

IPX/SPX Features

The IPX/SPX* family of protocols includes the following features under Novell* IntranetWare* Client* for Windows** NT**:

- Dynamic number of IPX* open sockets and SPX* connections
- Automatic detection of frame type
- Dynamic binding to first network card

These features are supplied by the Microsoft** NWLINK stack. Novell IntranetWare Client for Windows NT requires the NWLink implementation of IPX/SPX.

Novell IntranetWare Client for Windows NT uses NWSIPX for 32-bit API support of IPX/SPX and for full 32-bit Packet Burst* support.

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

Keep user names consistent

Novell recommends that you use the same name for a user in your NDS* trees, on your IntranetWare* bindery servers and on your NT workstations. Different user names can be used on the IntranetWare server and all the NT workstations. However, using the same name improves manageability.

Know which attributes can roam

Roaming profile users should carefully consider the permissions and group memberships they use. Permissions and groups used at the home workstation might not be available while roaming.

For example, a profile for a user with administrative permissions will not roam properly on a foreign workstation whose administrator does not grant the user those permissions. Also, certain desktop settings that depend on characteristics of a single workstation might behave oddly. A desktop constructed on a machine with a large display (for example, 1600 x 1200 pixels with 16-bit color) will behave oddly on a machine with a standard VGA display.

To load the user's profile into the Profile Editor

1. Enter the path to the user's home directory (or specific IntranetWare file system directory, as appropriate) in the **Copy Profile to** field or select **Browse** to select the user's home directory.

For example:

`\\server\volume\home directory\Windows NT 4.0 Workstation Profile`

2. Choose **OK** to return to the **User Profiles** dialog box.
3. Choose **OK** to exit the System Control Panel.

To load the user's profile

1. Enter the path to the user's mail directory (or specified IntranetWare file system directory, as appropriate) in the **Copy Profile to** field or select **Browse** to select the user's mail directory.
2. Choose **OK** to return to the **User Profiles** dialog box.
3. Choose **OK** to exit the System Control Panel.

To log in so you can set permissions

Log in to an NT workstation as administrator or a user with administrator rights and to the IntranetWare* server as an administrator or as a user with rights to the user's home directory (or IntranetWare File System directory, as appropriate) so you can set permissions.

Note: Setting NT profile permissions is not necessary in Windows NT 4.0

To modify and save the profile

1. (Optional) Alter the settings in the **User Profile Editor** dialog box if desired.
2. Choose **Save As File** from the **File** menu.
3. Enter **NT3CPRO** in the **File Name** field.
4. Press **Enter** or choose **OK** to save the profile back to the user's home directory on the IntranetWare* server.
5. When the message appears warning that the NT3CPRO file already exists, choose **Yes** to replace the old profile with the newly modified profile.

NWCALLS Library

The following 16-bit NetWare* Windows** libraries are supported in Windows NT**:

NWCALLS.DLL
NWIPXSPX.DLL
NWCLIENT.DLL
NWNET.DLL
NWNETAPI.DLL

The above libraries have the same names as the traditional NetWare 16-bit Windows libraries, but provide functionality unique to Windows NT. If you have 16-bit windows applications that are not running correctly in Windows NT, verify that the above 16-bit windows libraries are being used. Some recommendations for running IntranetWare-aware 16-bit applications in Windows NT follow:

1. Some applications install to the network with one or more of the traditional 16-bit Windows libraries (DLLs) being installed with the application. In this case, it is recommended that you delete the traditional DLLs that have the same name as the above DLLs from the application directory and have the DLLs accessible only from the client. This option lets you run the same 16-bit Windows applications from the IntranetWare server for both Windows 3.x and Windows NT workstations.
2. If your installation has the traditional 16-bit windows DLLs only in the application directory on the server, and they are not accessible at the client, you can duplicate your application structure under an NT directory on the server. Then, remove *all* the NetWare traditional 16-bit Windows DLLs and replace them with the above 16-bit Windows NT-specific DLLs.

If a 16-bit Windows application still does not function after completing the above steps, it is possible that the application requires a NetWare 16-bit DLL that is not supported by Windows NT.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

NWLink is an implementation of the IPX*/SPX* family of protocols.

Using IntranetWare File System Directory

The IntranetWare* File System directory is a UNC path and filename. The Novell* IntranetWare Client* for Windows** NT** will try to load the profile specified in the path for all users who log in to the workstation. If a particular user does not have access to the directory where the profile is stored, the local profile for that user will be loaded.

If you store profiles in the an IntranetWare File System directory, you must follow these rules:

- Path and filename (NT 3.51) or directory name (NT 4.0) must be UNC-style
UNC-style pathnames do not use the usual MS-DOS pathname convention (*drive:\directory*) but rather use the following format:

\\server\volume\dir1\dir2\filename.ext

For example, if your profiles for both an NT 4.0 and an NT 3.51 workstation are stored on the network at *\\server\volume\USERS\EVERYONE* then the UNC path for NT 4.0 would be:

\\server \volume \USERS\EVERYONE\WINDOWS NT 4.0 WORKSTATION PROFILE

(where "Windows NT 4.0 Workstation Profile" is the long directory name that contains the profile. With a file system pointer, the directory name can be anything they want.)

On an NT 3.51 workstation, the UNC path would look like:

\\server \volume\USERS\EVERYONE\filename.ext

- Filename must be part of the path on Windows NT 3.51 workstations
You can use any filename, as long as the file is a valid profile.
Windows NT 4.0 uses a directory, so the filename is not needed.
- All users need to have access to the specified directory

NetWare/IP Support

NetWare*/IP* support allows your Novell* IntranetWare Client* for Windows** NT** workstation to access IntranetWare services over a TCP/IP network.

NetWare/IP provides the following support services:

- The Domain SAP/RIP Service (DSS) maintains two types of information required by IntranetWare servers and clients:
 - Service Advertising Protocol (SAP) information about the available IntranetWare services
 - Routing Information Protocol (RIP) information about routes between IntranetWare serversOnce configured, the DSS automatically maintains this information and makes it available to all NetWare/IP nodes. NetWare/IP servers and clients use DSS servers to obtain service and routing information.
- The Domain Name System (DNS) is a distributed database system used to locate computers in TCP/IP internetworks. NetWare/IP servers and clients use DNS to locate the DSS server.

To open the Novell IntranetWare Client Services Configuration dialog box

1. Double-click the **Network** icon in the Control Panel to open the **Network Settings** dialog box.
2. Choose **Novell* IntranetWare* Client* for Windows** NT**** from the **Installed Network Software** list.
3. Click the **Configure** button.

To open the Novell IntranetWare Client Services Configuration dialog box

1. Double-click the **Network** icon in the Control Panel to open the **Network Settings** dialog box.
2. Choose the **Services** tab to open the **Network Services** dialog box.
3. Highlight **Novell* IntranetWare* Client* for Windows** NT**** from the **Installed Network Software** list, and then choose the **Configure** tab.

Protocols

Overview

Novell* IntranetWare* Client* for Windows** NT** runs over the IPX*/SPX* family of protocols, as well as TCP/IP (if NetWare/IP* is loaded). The client can coexist with other protocol stacks, such as NetBEUI protocols.

Novell IntranetWare Client for Windows NT also supports a 32-bit interface NWSIPX to IPX/SPX and will coexist with the WinSock API, Named Pipes, and NetBIOS APIs.

In addition, Novell IntranetWare Client for Windows NT supports TLI.

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

Remember that Windows NT 3.51 and 4.0 do not use the same profiles

Microsoft** changed the profile database between the Windows** NT** 3.51 and NT 4.0 releases. Although these profiles coexist, a profile created with one release is not used with the other release. As a result, the user will not see an NT 3.51 profile when using an NT 4.0 workstation. Instead, NT 3.51 and NT 4.0 profiles are seen as two separate sets.

Removing the Client Removes the Adapter

Removing Novell* IntranetWare* Client* for Windows** NT** in the control panel also removes the network adapter.

This problem occurs if you installed an ODI* driver. Because the ODI driver is installed with the client, the ODI driver is removed when the client is uninstalled, resulting in the inability to make a network connection. To prevent this problem, do not install ODI drivers.

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Requirements

Overview

Novell* IntranetWare* Client* for Windows** NT** requires that your hardware and software meet certain requirements.

[Workstation and server requirements](#)

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Setting the Permissions to Allow the Profile to Roam

A profile cannot roam unless the proper permissions are set.

To set the proper permissions to allow the profile to roam

1. Log in to an NT workstation as an administrator.
2. Load the user's profile into the User Profile Editor.
3. Set the proper permissions.
4. Modify the profile as desired and save it back to the IntranetWare* server.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

To set the proper permissions

1. Choose the ... button located to the right of the **Permitted to Use Profile** field to open the **User Browser** dialog box.
2. In the **User Browser** dialog box, choose **Everyone** from the **Names** list.
3. Choose **Add** to set the permissions.
4. Choose **OK** to save the permissions and return to the **User Profile Editor** dialog box.

Setting the Permissions to Allow a Profile to Roam

A profile cannot roam unless the proper permissions are set.

To set the proper permissions to allow the profile to roam

1. Log in to an NT workstation as an administrator.
Log in to an NT workstation as administrator or a user with administrator rights and to the IntranetWare* server as an administrator or as a user with rights to the user's home directory so you can set permissions.
2. Load the user's profile into the User Profile Editor.
Start the User Profile Editor (UPEDIT.EXE). UPEDIT automatically opens the profile file.
3. Set the proper permissions.
4. Modify the profile as desired and save it back to the IntranetWare* server.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

To set the User Profiles parameter

1. Choose the **Advanced Login** tab in the **Novell* IntranetWare* Client* Services Configuration** dialog box.
2. Check the **IntranetWare Storage of Roaming Profile** check box.
3. Choose either Store Profile in User Home/Mail Directory or Store Profile in an IntranetWare File System Directory.
If you choose to store the profile in an IntranetWare File System directory, specify the path to the directory in the **Path** edit box. For Windows NT 3.51, you must also specify the filename. For Windows NT 4.0, you must specify the directory name.
4. Choose **OK**.

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Storing and Using Profiles

Overview

The Novell* IntranetWare* Client* for Windows** NT** software, used in combination with an IntranetWare server or Novell Directory Services*, allows the user the option of storing a profile remotely in the user's home/mail directory or an IntranetWare File System directory. In NT 3.51, the user profile is stored in a flat file; however, in NT 4.0 the user profile is stored as several files in a directory structure. As long as the necessary configuration and permissions are provided by the network supervisor, the file types and storage locations for the network-cached user profile is both irrelevant and transparent to the end user.

The advantage of storing the user profile on the network is that it allows the user to utilize the same desktop environment on all workstations throughout the network. Any changes made to the user environment on one workstation will be saved to the profile stored on the network. The environment specified in the profile will be available on any and all workstations where the user subsequently logs in. A single profile that can be used on multiple workstations is known as a "roaming profile."

Windows** NT** allows each user to have a unique user profile. The profile contains various user-specific settings such as Program Manager layout (Windows NT 3.51), Desktop layout (Windows NT 4.0), default icons, etc. The user profile is typically stored either on the local workstation or, in the case of a user logged in to an NT Domain, remotely. With Novell IntranetWare Client for Windows NT, the profile can also be stored on the network.

There are two types of profiles:

Roaming profile

Mandatory profile

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

Supported Protocols

The Novell* IntranetWare* Client* for Windows** NT** software supports the following protocols:

- SPXII (via NWLink)
- RAS (via NetWare Connect* 2.0 and NT RAS)
- NetWare/IP*

Novell IntranetWare Client for Windows NT does not support TLI.

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

TCP/IP Overview

The TCP/IP protocol stack makes it possible for users to access the Internet with Novell* IntranetWare* Client* for Windows** NT**. Novell IntranetWare Client for Windows NT users use [NetWare/IP*](#) to connect to servers using the TCP/IP protocols.

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Technical Support Options

Novell* IntranetWare* Client* for Windows** NT** support, software, and patches can be found in the following places:

- CompuServe* NWOSFILES Forum:
Library: 10
- World Wide Web:
Americas <http://support.novell.com>
EMEA <http://support.novell.de>
Asia Pacific <http://support.novell.com.au>
- FTP (File Transfer Protocol):
Address: FTP.NOVELL.COM
Logon ID: anonymous
path: pub/updates/nwos/ntclnt
- CompuServe Support Forum:
Go NovClient
- Novell Support Connection
1-800-858-4000 within the United States and Canada
Outside the U.S. and Canada: For a complete list of support telephone numbers by country and language, please visit the Novell Support Connection Web site.
Note: There is a fee for phone-based support.

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U.S. Patent Nos. 5,157,663; 5,349,642; and 5,455,932. U.S. Patent Application No. 5,572,528. U.S. and International Patent Pending.

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Troubleshooting

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Troubleshooting Application Errors

The Novell* IntranetWare* Client* for Windows** NT** software supports only the "new" API set that consists of NWNED.DLL, NWCLIENT.DLL, NWCALLS.DLL and NWIPXSPX.DLL. Applications that use older .DLLs, such as NWNEDAPI.DLL or NETWARE.DRV, might not work with the Novell IntranetWare Client for Windows NT, depending on whether they use only documented calls. The application might give an error such as "IPX/SPX* not loaded," "IPX/SPX not found," or "IPX/SPX will not initialize."

Applications might also install a Windows 3.1 or 16 bit DLL. (For example, Lotus** Notes** installs a 16-bit version of NWCALLS.DLL, which causes the kinds of errors mentioned above.) Check the WINNT/SYSTEM directory for any NW*.DLL files. Remove any of those .DLLs. Also, make sure there are no NW*.DLL files in the application directory. The only NW*.DLLs should be the files the Novell IntranetWare Client for Windows NT installed in the WINNT/SYSTEM32 directory.

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

Troubleshooting Installation Problems

- Did you skip any files?

Sometimes a message stating that the file could not be found is displayed during installation. The best way to respond to this message is to change the path under the **Copy files from:** prompt to the folder where the file is located.

If you skip files, Novell* IntranetWare* Client* for Windows** NT** probably won't work correctly.
- Does your installation path include any folders with long filenames?

The path to the Novell IntranetWare Client for Windows NT installation program (SETUPNW.EXE) cannot have any folders with long filenames in it. All the folders in the path must conform to the 8.3 file naming convention. Run SETUPNW.EXE from a folder that has a path without long filenames in it.
- Are you looking for an IntranetWare Client TCP/IP protocol stack?

Novell IntranetWare Client for Windows NT does not currently provide a TCP/IP protocol stack. Use the Microsoft** TCP/IP protocol if you need TCP/IP support.
- Did you receive a "Bad registry entry" error, or a similar installation error?

Try removing everything from the Control Panel's Network section. Then reboot and reinstall the Novell client software. This usually cleans up any registry corruption.
- Did you receive a "Network not started" error in the File Manager when attempting to Connect Network Drive from the **Disk** option?

Check the Event Viewer. If there is an error that says something like "A device attached to system is not working", verify that the configuration for the network adapter, such as interrupt and port, is correct.
- Did you get fail to get a network connection?

Check for one of the following:

 1. There are bugs in some network adapter drivers that cause this to happen. Contact the network card vendor for the most current driver.
 2. Choose the correct Frame Type instead of Auto-Detect.
 3. Make sure there is an IPX-compliant router or IntranetWare server on the network responding to the client's RIP requests at boot time. Using a protocol analyzer, such as Sniffer or LANalyzer* for Windows, verify that the NT workstation is getting the correct RIP and SAP information from devices on the network. If nothing responds to the RIP request, you will not be able to access an IntranetWare server. Also, check if another workstation, such as a Windows NT server running NetWare File and Print Services from Microsoft** or a Windows 95** client with File and Printer Sharing for IntranetWare Networks enabled, responds to RIP or SAP requests with an incorrect address. If it receives an incorrect address, the NT workstation might attempt to connect to a device that does not properly support Novell IntranetWare and will not let the NT workstation attach to IntranetWare servers.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

Troubleshooting Overview

Generally, Novell* IntranetWare* Client* for Windows** NT** works well on Windows NT workstations. If you do happen to have a problem, search through the troubleshooting information provided in this help file to see if you can identify the cause and fix for the problem.

Also read the Novell IntranetWare Client for Windows NT README.HLP file for more troubleshooting information.

If the problem you're having is one that's documented, there's usually a solution or a workaround. Often, the solution is quite simple.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

Unsupported Novell Applications

Novell* IntranetWare* Client* for Windows** NT** does not support the following Novell* applications:

- LANalyzer* for Windows
- NetWare 2.x

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

Using Mandatory Profiles

A mandatory profile is a profile that cannot be changed by the user and remains the same from one session to the next. It is downloaded from the network to the local workstation but is never sent back to the network if changes are made.

To change an existing profile to a mandatory profile on Windows** NT**

1. Create a roaming profile.

The procedure for creating a roaming profile in [Windows NT 3.51](#) and [Windows NT 4.0](#) are described elsewhere in this help file.

2. Log in to the workstation as Administrator.
3. Create a directory to hold mandatory profiles on the network.

It is easier for the network supervisor to maintain mandatory profiles if they are stored in one place (using the IntranetWare File System Directory setting). Otherwise, the profiles will be stored in each user's home\mail directory.

4. Rename the profile file so that it has a .MAN extension.

Profiles are named NT3CPRO. A .MAN extension on either file makes it a mandatory profile. Under Windows NT 4.0, copy the NTUSER.DAT file to NTUSER.MAN.

5. Make the mandatory profile file read-only to prevent end users from changing their mandatory profiles.
6. Rename the NTUSER.DAT.LOG file to NTUSER.MAN.LOG.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

Using Roaming Profiles

Where roaming profiles are stored

Profiles can be stored in two places:

- [User's Home/Mail directory](#)
- [Specified IntranetWare File System directory](#)

This option is usually used for mandatory profiles. All users who log in to the workstation with this option will use the same profile, so it is usually better to prevent users from making changes to the profile by making it a mandatory profile.

User's Home/Mail directory

In the case of a login to an NDS tree, the user's roaming profile is stored in the user's home directory. Any user who wants to use the network profile storage option must have Read, Write, Create, Modify, File Scan, and Erase permissions to that directory. (This is true only for roaming non-mandatory profiles. For mandatory profiles, only Read and File Scan rights are required.) If the user exists in multiple trees, then the user can have a different profile stored on each tree.

In the case of a bindery login, the user's profile is stored in the user's mail directory on the server's volume SYS:. If the user has accounts on multiple servers, then the user can have a different user profile stored on each server.

IntranetWare File System Directory

In this case, the user's profile is stored in the specified directory. Any user who wants to use this network profile storage option must have Read, Write, Create, Modify, Erase, and File scan permissions to that directory.

User account information

The user must have an account on each NT workstation for the particular user they are setting up to use roaming profiles. Different user names can be used on the IntranetWare server and all the NT workstations. However, using the same name improves manageability. On each NT workstation, the user should be a member of the same NT workstation group (Administrators, Users, etc.). The user accounts can be set up or modified using the User Manager utility which is located in the **Administrative Tools** group.

Note: Users are not required to be in the same groups on each workstation. However, using the same groups on all workstations provides increased manageability.

On Windows NT 3.51 workstations, the user profile must be configured before the user can be set up for roaming profiles. It is not sufficient to simply create the user account. If you are using Windows NT 4.0, you must log in as the user to create the first profile.

Procedures

- Using roaming profiles with Windows [NT 3.51](#)
- Using roaming profiles with Windows [NT 4.0 for a NetWare bindery login](#)
- Using roaming profiles with Windows [NT 4.0 for a Novell Directory Services login](#)

Tips

1. Keep [user names](#) consistent.
2. Avoid [dueling profiles](#).
3. Know which [attributes](#) can roam.
4. Remember that [Windows NT 3.51 and 4.0](#) do not use the same profiles.
5. Avoid [beta](#) releases.

* Novell trademark. ** Third-party trademark. For more information, see [Trademarks](#).

Using Roaming Profiles with Windows NT 3.51

Note: (This note only applies if you are performing a bindery connection.) Before using the roaming profiles feature with profiles stored in the user's Home/Mail directory, a user must have an account with a mail directory on the server. The user's mail directory is located on the volume SYS: of the server under the directory "mail" and has a name which is the user's ID number (without the leading zero). The user's account can be created or the user's ID number obtained with the SYSCON utility on a NetWare* 3* server or the NWADMNNT utility on a NetWare 4* or IntranetWare* server.

To configure the workstation and create and configure a roaming profile

1. Configure the NT workstation to use the IntranetWare-cached user profiles option.

All NT workstations where the user will use the roaming profile must be configured to use the IntranetWare-cached user profiles option.

2. Create a roaming profile for the user.

The administrator must first create a profile for the user before the profile can roam.

The user's roaming profile is now ready. The user can now log in to any of the appropriately configured NT workstations and be presented with the same Program Manager groups, desktop settings, etc. When the user logs out, any profile changes that user made to the profile are saved with the profile, unless the user has a mandatory profile.

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

Using Roaming Profiles with Windows NT 4.0 for a Novell Directory Services Login

Note: Before using the roaming profiles feature, the roaming NDS* user must have a home directory with Read, Write, Create, Modify, Erase, and File scan privileges on the IntranetWare* server. The user's home directory can be created using the NWADMNNT, NWADMN3X, or NETADMIN utilities on an IntranetWare or NetWare 4 server.

To configure the workstation and create and configure a roaming profile:

1. Configure the NT workstation to use the IntranetWare-cached user profiles option.

All NT workstations where the user will use the roaming profile must be configured to use the IntranetWare-cached user profiles option.

2. Create a roaming profile for the user.

To create a roaming profile, log in to a workstation that has roaming profiles enabled. The profile is created automatically and saved out to the network..

The user's roaming profile is now ready. The user can now log in to any of the appropriately configured NT workstations and be presented with the same Program Manager groups, desktop settings, etc.

* Novell trademark. ** Third-party trademark. For more information, see Trademarks.

Using Roaming Profiles with Windows NT 4.0 for a NetWare Bindery Login

Note: Before using the roaming profiles feature, a user must have an account with a mail directory on the server. The user's mail directory is located on the volume SYS: of the server under the directory "mail" and has a name which is the user's ID number (without the leading zero). The user's account can be created or the user's ID number obtained with the SYSCON utility on a NetWare* 3* server or the NWADMNNT utility on an IntranetWare or NetWare 4* server.

To configure the workstation and create and configure a roaming profile:

1. Configure the NT workstation to use the IntranetWare-cached user profiles option.

All NT workstations where the user will use the roaming profile must be configured to use the IntranetWare-cached user profiles option.

2. Create a roaming profile for the user.

To create a roaming profile, log in to a workstation that has roaming profiles enabled. The profile will be created and saved to the network.

The user's roaming profile is now ready. The user can now log in to any of the appropriately configured NT workstations and be presented with the same Program Manager groups, desktop settings, etc.

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To load the user's profile into the User Profile Editor

Start the User Profile Editor (UPEDIT.EXE). This utility is provided in the Windows** NT** Resource Kit version 3.51 Update 2.

