

*Nways Manager for Windows NT
Addendum to Installation Guide
Version 2.0*

July 7, 1999

Nways Manager for Windows NT



Addendum to Installation Guide

Version 2.0

Note

Before using this information and the product it supports, be sure to read the general information in "Appendix. Notices" on page 19.

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This document applies to Nways Manager for Windows NT Version 2.0.

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About This Document

This reference document is designed to be used with the *Nways Manager for Windows NT Version 2.0 Installation Guide*, and will provide you with additional information on installing and configuring Nways Manager Version 2.0. The following checklist contains the necessary steps, in the suggested order, to successfully complete the installation of the product using the applications shipped in the package containing Nways Manager-Suite. Use it as a guide as you progress through the installation steps that are detailed in this document.

- ___ 1. Create and Log in as an Administrative User.
- ___ 2. Verify all hardware, software, and system environment requirements.
- ___ 3. Verify that the machine has a fixed IP address.¹
- ___ 4. If you currently use Nways Workgroup Manager Version 1.x and you do not want to reinstall DB2, then you will also need to verify that you have DB2 installed with FixPak 8 (APAR JR11296).²
- ___ 5. Uninstall any antivirus applications.
- ___ 6. Close any active applications.
- ___ 7. If you currently use Nways Workgroup Manager Version 1.x and you are upgrading, then you will also need to uninstall that application according to the directions you received with the product.
- ___ 8. Install SNMP services and Windows NT Service Pack 4.
- ___ 9. Install DB2 and apply FixPak 8 (APAR JR11296). If you verified Step 4, then you do not have to reinstall DB2.²
- ___ 10. Install License Use Runtime Version 4.5.
- ___ 11. Install updated ODBC drivers.¹
- ___ 12. Install Tivoli NetView IT Director Edition Version 5.1 or HP OpenView Network Node Manager on Windows NT Version 5.0.1.
- ___ 13. Install Nways Manager Version 2.0.
- ___ 14. Install Adobe Acrobat Reader.
- ___ 15. Install the Configuration Tools.
- ___ 16. Install Nways Remote Monitor Version 2.0 (optional).
- ___ 17. Extract JDBC drivers.²
- ___ 18. Create a DB2 database for JPM and begin data collection.²
- ___ 19. Network Discovery Configuration.¹

These steps are referenced at the beginning of each section, and are explained in more detail in the remainder of their respective sections. Different sequences of the installation process may be possible, but the information in this document applies only to the recommended procedure mapped out herein.

1. For Tivoli NetView IT Director Edition Version 5.1 users only.

2. For DB2 database users only.

Chapter 1. System Preparation

This chapter explains the preliminary tasks necessary to verify that your system meets the requirements and is prepared for the installation of Nways Manager for Windows NT Version 2.0.

Creating an Administrative User

Reference to Checklist: This section corresponds to list item 1 on page v.

Note

If there is already a user created with administrative privileges, then verify the criteria listed in the "Username Guidelines" in step 3 below, enable that user to act as part of the operating system, and move to "Verifying System Requirements" on page 2.

In order to create a user with Administrator privileges:

1. From the Windows NT desktop, click **Start -> Programs -> Administrative Tools -> User Manager**.
2. Select the *User* menu.
3. Enter a username, password, and password confirmation.

If you will be using the DB2 Database, then you must follow this criteria for your username:

- It must begin with A-Z, @, #, or \$ characters.
- It must be 1–8 characters in length.
- It cannot be the following: ADMINS, GUESTS, LOCAL, PUBLIC, or USERS.
- It cannot begin with the following character combinations: IBM, SQL, or SYS.
- It cannot include accented characters.

Windows NT is not case sensitive.

4. Check the appropriate password option.
5. Click **Groups**.
6. Select *Administrators* in the list box.
7. Click **Add** to add the username to the list.
8. Click **OK** twice to complete the process.

To enable a username to act as part of the operating system, follow these steps:

1. Click **Start -> Programs -> Administrative Tools -> User Manager** (if not open from the previous sequence).
2. Select the *Policies* menu.
3. Select *User Rights*.
4. Select the *Show Advanced User Rights* checkbox.

5. Select the *Right* drop-down menu button near the top of the dialog box.
6. Select *Act as Part of the Operating System* from the list.
7. Click **Add**.
8. Click **Show Users**.
9. Select the username to add from the list of names. Click **Search** if you do not see the name.
10. Click **Add**.
11. Click **OK** twice.
12. Close the User Manager window by clicking the X in the upper-right corner.

At this time, you must log out of Windows NT, and log back in as the username that you have just created.

Verifying System Requirements

Reference to Checklist: This section corresponds to list item 2 on page v.

This section contains instructions explaining how to verify that your system has the required hardware and software needed to install and use Nways Manager. From the desktop, select **Start -> Programs -> Administrative Tools -> Windows NT Diagnostics**.

Processor

1. Click the *System* tab.
2. Verify that the processor is a minimum of a Pentium II, 300 MHz.

Display

1. Select the *Display* tab.
2. Verify that the numbers displayed on the *Setting:* line are *1024x768x256* or higher resolution.

CD-ROM

1. Select the *Drives* tab.
2. Verify that there is a CD-ROM drive listed and note the letter assigned to the drive.

Free Disk Space

1. While you still have the *Drives* tab selected, Click on the "+" next to the *Local hard drives* listing.
2. Double click on the letter of the hard drive on which you will install Nways Manager.
3. Select the *General* tab to view the amount of free disk space.
4. Verify in the *Disk Space* section that at least 180 MB (180,000,000 bytes) are available.
5. Click **OK** to close the *c:\Properties* dialog, where *c* is the drive in which you will be installing Nways Manager.

RAM

1. Select the *Memory* tab.

2. Verify in the *Physical Memory* section that at least 256 MB (384 MB is recommended) is the minimum RAM space available.

Paging Space

1. Verify the *Paging Space*, also found when the *Memory* tab is selected.
2. In the *Pagefile Space* section, there should be a minimum of 150 MB of Total Paging space.

Operating System

1. To verify that your operating system is compatible, select the Version tab.
2. Verify that you have Windows NT V4.0 or higher and Service Pak 4.

Click **OK** to close the Windows NT Diagnostics Window.

Web Browser

1. Open the browser application that you would like to use with Nways Manager.
2. Click on the **Help** menu and select the *About...* item.
3. Verify that the browser is either Navigator 4.05 or higher, or Internet Explorer 4.0 or higher.
4. Close the browser window.

Verifying a Static IP Address

Reference to Checklist: This section corresponds to step 3 on page v.

Important

The verification of a fixed IP address only applies to users of Tivoli NetView IT Director Edition Version 5.1. When using the HP OpenView Network Node Manager on Windows NT Version 5.0.1 or higher, DHCP can be used.

If you know that you have a static IP address, or will be using DHCP with HP OpenView Network Node Manager on Windows NT Version 5.0.1 or higher, then you can continue with "Verifying DB2 and FixPak 8" on page 4.

You can verify that you have a fixed IP Address on your system by following these steps:

1. Click **Start** -> **Setting** -> **Control Panel**.
2. Double click the *Network* icon on the desktop.
3. Select the *Protocols* tab.
4. Select *TCP/IP Protocol* from the list.
5. Click **Properties**.
6. Verify that the *Specify an IP address* radio button is selected and all IP information is filled in. The *Obtain an IP address from a DHCP server* radio button should not be selected.

If your machine does not have a fixed IP address and you will be using Tivoli NetView IT Director Edition Version 5.1 as a platform, then obtain one before continuing with the installation.

Verifying DB2 and FixPak 8

Reference to Checklist: This section corresponds to step 4 on page v.

Note

This section only applies if you believe that DB2 is already installed on your machine and you elect to use this as your database for Nways Manager. If this is not the case, continue with "Installing SNMP Services" on page 5.

To verify that DB2 and the required FixPak 8 are properly installed on your system:

1. Select **Start -> Programs -> MS-DOS Prompt**.
 2. Type `regedit`, and the Registry Editor window will open.
 3. Expand *HKEY_LOCAL_MACHINE -> SOFTWARE -> IBM -> DB2 -> DB2 Universal Database Enterprise Edition*. If DB2 is not listed, then it is not installed.
 4. Click on the *Current Version* folder.
 5. Verify the following lines in the right panel:
 - Version *0x00000005 (5)*
 - Release *0x00000002 (2)*
 - Modification *0x00000000 (0)*
 - Service Level *WR09094*
- If the Service Level does not match, then FixPak 8 is not installed.
6. Close the Registry Editor window.

If either DB2 or FixPak 8 are not installed, then you will need to install them when you reach the proper step in this document.

Important

These items pertain to steps 5 through 7 on page v.

- Versions 2 and earlier of the IBM AntiVirus for Windows NT application are incompatible with this installation program. These versions of IBM AntiVirus must be uninstalled before installing Nways Manager. After installation completes, you can reinstall IBM AntiVirus and activate it. **Deactivating these versions of IBM AntiVirus is not sufficient; you must uninstall them.** If you do not remove IBM AntiVirus, the installation program does not create any product icons or folders in the Windows NT Start Menu.
- Shut down all Windows NT applications before installing Nways Manager. If any application is running that uses the contents or the existence of any file that is used during the install process, the installation may fail. If you experience problems when the installation attempts to create product icons, ensure that you do not have any antivirus applications installed.
- Any previous versions of Nways Workgroup Manager or Nways Manager for Windows must be uninstalled at this time according to the instructions provided in that application's documentation.

SNMP and Service Pack 4

If these services are not already installed on your system, continue preparing your system by following the instructions to install them.

Installing SNMP Services

Reference to Checklist: This section corresponds to step 8 on page v.

Note

If SNMP services are already installed on your machine, then you should continue with "Installing Windows Service Pack 4" on page 6.

To install SNMP Services, follow the following procedure:

1. Select **Start** -> **Settings** -> **Control Panels**.
2. Double click on the *Network* icon.
3. Select the *Services* tab.
4. Click **Add**.
5. Select *SNMP Service*.
6. Insert the Windows NT CD. Stop the process that automatically starts if autorun is enabled.
7. Click **OK**.
8. Type e:\i386\ in the edit field, where e is your CD drive.

9. Click **Continue**.
10. Enter any necessary information on the Agents, Traps, and Security tabs.
11. Click **OK**.
12. Click **Close**.
13. Remove the CD from the drive.
14. Click **Yes** to restart.

Note: If you just installed SNMP services on your system, then you must install or reinstall Windows Service Pack 4.

Installing Windows Service Pack 4

Reference to Checklist: This section also corresponds to step 8 on page v.

Service Pack 4 is available either on your Windows NT CD, or as an executable file available for download at:

<http://www.microsoft.com/support/winnt/default.htm>

Once you have downloaded it, follow these steps to install it:

1. Launch the Service Pack 4 executable file (example: *filename.exe*).
2. Click the check box labeled *Accept License Agreement*.
3. Click **Install**.
4. Click **Yes**.
5. Click **Restart**.
6. Click **Yes** or **No** (appears after computer has restarted).

Chapter 2. Installation

Installing DB2

Reference to Checklist: This section corresponds to step 9 on page v.

Note

If you have verified that you already have DB2 and FixPak 8 installed on your system, or will not be using DB2 as your database for Nways Manager Version 2.0, then continue with "Installing License Use Runtime" on page 8.

Otherwise, follow these instructions for installation:

1. Insert the DB2 CD. Allow the install to start if autorun is enabled. If autorun is disabled, click **Start** -> **Run** and type `e:\setup.exe`, where `e` is the CD drive.
2. Click **Next**.
3. Select the type of install. Typical is recommended.
4. Choose one of these three options:
 - Accept the default
 - Browse
 - Enter a destination drive for DB2 Install.
5. Click **Next**.
6. Type in the Administrator's username that was created at the beginning of the process, or the Network Management username that you are currently using.
7. Type in the password for that username.
8. Type in the same password again to confirm.
9. Click **Next**.
10. Click **Install** to start copying the files.
11. After the files finish copying (approx. 4 minutes), remove the CD from the drive.
12. Click **Finish** to restart Windows NT.

Installing FixPak 8

Reference to Checklist: This section also corresponds to step 9 on page v.

Note

FixPak 8 is designed to be used with DB2 version 5.2. If that is not the version on your system, then be sure to read the Readme file that comes zipped with the FixPak download.

Follow these steps to install the FixPak:

1. Download FixPak 8 from IBM's Web site:
`ftp://ftp.software.ibm.com/ps/products/db2/fixes/english-us/db2ntv5/FP8_WR09094/`

Note: FixPak 8 is transferred as a zip file named *us9094.zip*. If you do not have a zip file extractor, a public domain version of PkZip is also available for download at this site.
2. Unzip us9094.zip
 - Using PkUnzip, type: `pkunzip -d us9094.zip your desired directory` at the MS-DOS prompt.
 - The files can be extracted into any directory, the final directory will be determined later during setup.
3. Close all other applications.
4. Stop DB2 database activity by typing these commands from the MS-DOS Prompt:
`db2stop`
`db2admin stop`
5. Change the directory of the prompt to the one where you unzipped the FixPak.
6. Type `setup.exe` at the prompt.
7. Click **Next**.
8. Verify the destination directory and click **Next**.
9. Select the options you wish to start automatically when the machine is booted.
10. Click **Next**.
11. Review the settings and click **Install**.
12. When prompted, click **Yes** to restart the computer.
13. Click **Finish**.

Installing License Use Runtime

Reference to Checklist: This section corresponds to step 10 on page v.

License Use Runtime is a required component for either platform. Follow these steps:

1. Insert the Nways Manager version 2.0 CD. Stop the setup that automatically starts if autorun is enabled.
2. Select **Start -> Run...**
3. Enter `e:\ifornt\setup.exe`, where *e* is the CD drive.
4. Click **Next**.
5. Select a destination drive.
6. Click **OK**.
7. Select all components (Runtime, Communications, and Documentation).
8. Click **Next**.
9. Select whether or not you want to launch the Readme by clicking **Yes** or **No**.
10. Click **Yes** to restart the computer.

11. Click **Finish**.

Installing the Updated ODBC Drivers

The ODBC drivers are only necessary when using the Tivoli NetView IT Director Edition Version 5.1.

Reference to Checklist: This section corresponds to step 11 on page v.

Note

If you are using HP OpenView Network Node Manager on Windows NT, then skip to “HP OpenView Network Node Manager on Windows NT Version 5.0.1” on page 10.

Follow this procedure to install the updated ODBC drivers for use with Tivoli NetView IT Director Edition Version 5.1:

1. Insert the Tivoli NetView IT Director Edition Version 5.1 CD. Stop the setup that begins if autorun is enabled.
2. Click **Start** -> **Run...**
3. Type `e:\intel\microsoft_updated_odbc_drivers\mdac_typ.exe`, where *e* is the CD drive.
4. Click **OK**
5. Click **Yes**.
6. Click **Continue**.
7. Choose either *Complete* or *Custom* installation. *Complete* is recommended.
8. Click **OK**.

Installing the Platform

The following sections apply to the installation of the platform used to run Nways Manager. If you plan on installing Tivoli NetView IT Director Edition Version 5.1, continue with “Tivoli NetView IT Director Edition Version 5.1”. If you plan on installing HP OpenView Network Node Manager on Windows NT Version 5.0.1, skip to “HP OpenView Network Node Manager on Windows NT Version 5.0.1” on page 10. If you already have the specific versions of either of these platforms, skip to “Installing Nways Manager for Windows NT Version 2.0” on page 11.

Tivoli NetView IT Director Edition Version 5.1

Reference to Checklist: This section corresponds to step 12 on page v.

If you are installing Tivoli NetView IT Director Edition Version 5.1, then follow these steps:

1. Insert the Tivoli NetView IT Director Edition Version 5.1 CD.
2. Click **Setup**, which will bring up the NetView Setup dialog box.
3. Enter your name.
4. Enter your company's name.
5. Click **Continue**.
6. Select the installation drive (*c:* is the default).
7. Click **Continue**.
8. Select either the single user or server installation mode.
9. Click **Continue**.
10. Enter the user password.
11. Confirm the user password by entering it again.
12. Click **Continue**.
13. Select **Local** or **All** based upon the network you would like to detect.
14. Click **Continue**.
15. Enter up to 6 community names.
16. Click **Continue**.
17. Click **Restart Now**.

HP OpenView Network Node Manager on Windows NT Version 5.0.1

Reference to checklist: This section corresponds to step 12 on page v.

HP OpenView Network Node Manager on Windows NT Version 5.0.1 is not provided in this package. If you have purchased this product separately, this section explains how to integrate the installation process of HP OpenView Network Node Manager on Windows NT Version 5.0.1 into Nways Manager's installation sequence.

To install HP OpenView Network Node Manager on Windows NT Version 5.0.1, follow the following instructions:

1. Insert the HP OpenView Network Node Manager on Windows NT Version 5.0.1 CD into the drive. Allow the application to run if autorun is enabled. If autorun is disabled, then type `e:setup.exe` at the MS-DOS command prompt, where *e* is the CD drive.
2. Click **Next**.
3. Click **Yes**.
4. Enter the username that you created at the beginning of the process.
5. Enter your company name.
6. Click **Next**.
7. In the *Confirm New Directory* dialog box, click **Yes**.
8. Select Setup Type (*Typical* is recommended if you are only interested in managing the local network. If you will be managing a remote network, then select *Custom*. Steps 9-17 apply to the *Typical* installation.

9. Select whether to install IPX support by clicking **Yes** or **No**. This only appears if IPX is not currently installed.
10. Specify the folder in which to install.
11. Click **Next**.
12. In the SNMP Configuration dialog box, enter the Community Name for the default gateway.
13. Click **Next**.
14. Click **Next** in the Start Copying Files dialog box.
15. Click **OK** when the *Cannot open input file* error message appears. This will be resolved when the patches are installed.
16. Select whether or not to view the error log.
17. Click **Finish**.

Important: Following the successful installation of HP OpenView Network Node Manager on Windows NT Version 5.0.1, you will need to download and install all current patches available for the platform from:
<http://www.ovweb.external.hp.com/cpe/patches>

Installing Nways Manager for Windows NT Version 2.0

Reference to Checklist: This section applies to step 13 on page v.

Important

If you have a previous version of Nways Workgroup Manager, it must be removed prior to installing this version.

Follow these steps to install Nways Manager for Windows NT Version 2.0:

1. Insert the Nways Manager for Windows NT Version 2.0 CD into the drive. Do not stop the process if autorun is enabled. If autorun is disabled, click on **Start** -> **Run...** Enter `e:\setup.exe`, where *e* is the CD drive.
2. Click **Next**.
3. Select which components to install.
4. Click **Next**.
5. Click **Yes** at the Program License Agreement dialog box.
6. Select a drive for the Nways installation (the default is c:).
7. Click **Next**.
8. Select the target folder name for the install (the default is *IBM Nways Manager for NT*).
9. Click **Next**.
10. Select the type of license purchased from these choices:
 - Nways Manager-Suite
 - Nways Manager-Element Manager

- None (installs demonstration versions of all applications)

11. Click **Next**.

Steps 12-18 only apply when you have selected to install the licensed versions of the applications.

12. Enter your Customer Number.

13. Enter your License Key.

14. Click **Verify Key**.

15. Click **OK** in each of the two Congratulations dialog boxes.

16. Enter the number of licensed nodes.

17. Click **Next**.

18. Click **OK**.

19. Click **Next** in the Nways Configuration Tool dialog box.

20. Select drives to search.

21. Click **Start Search**.

22. Click **Refit**.

23. Click **Finished**.

24. Select whether or not to launch the Readme file.

25. Click **Finish**.

At this point, the other applications which you have selected will be installed. After all other products install, you will see steps 26 and 27.

26. Select to restart the computer.

27. Click **Finish**.

Note: If you are installing Nways Manager over the HP OpenView Network Node Manager on Windows NT Version 5.0.1 platform, it is normal for the Nways Manager installation process in the previous section to take one hour or more to complete.

Installing Adobe Acrobat Reader

Reference to Checklist: This section corresponds to step 14 on page v.

Note

This section applies to those who either need help with the installation of Adobe Acrobat following the Nways Manager installation sequence, or did not install Adobe Acrobat when Nways Manager was installed and want to install it now. If neither of these conditions apply, then continue with "Installing the Configuration Tools" on page 13.

If you selected Acrobat Reader to be installed with the Nways Manager, then the process begins at step 5. If this is an installment of only Acrobat Reader, then follow all of the steps:

1. Insert the Nways Manager for Windows NT Version 2.0 CD in the drive. If autorun is enabled, it will automatically begin the process. If autorun is disabled, click **Start** -> **Run...** Enter e:\setup.exe, where e is the CD drive.
2. Click **Next** in the Welcome dialog box.
3. Select the components to be installed.
4. Click **Next**.
5. Click **Yes**.
6. Click **Next** at the Acrobat Reader Welcome box.
7. Click **Yes** at the software license agreement.
8. Confirm or modify the destination location.
9. Click **Next**.
10. Select whether or not to launch the Readme file.
11. Click **Finish**.
12. Click **OK**.

At this point, the other applications which you have selected will be installed. After all other products install, you will see steps 26 and 27 on page 12 from the Nways Manager sequence of installation.

Installing the Configuration Tools

Reference to Checklist: This section corresponds to step 15 on page v.

Note

This section applies to those who either need help with the installation of the Configuration Tools following the Nways Manager installation sequence, or did not install the Configuration Tools when Nways Manager was installed, but want to install them now. If neither of these conditions apply, then continue with "Installing Nways Remote Monitor for Windows NT" on page 15.

If you selected the Configuration Tools to be installed with the Nways Manager, then the process begins at step 5. If this is an installment of only the Configuration Tools, follow all of the steps to install the Configuration Tools provided with Nways Manager-Suite:

1. Insert the Nways Manager Version 2.0 CD into the drive. If autorun is enabled, it will automatically begin the process. If autorun is disabled, click **Start** -> **Run...** Enter e:\setup.exe, where e is the CD drive.
2. Click **Next** in the Welcome dialog box.
3. Select the components to be installed.
4. Click **Next**.
5. Select the configuration tools to install.
6. Click **Next**.

7. Click **Next**.
8. Click **Next** in the Configuration Program Installation dialog box.
9. Click **OK**. (Steps 7, 8, and 9 will repeat until all selected tools have been installed.)
10. When all tools have installed, you will see steps 26 and 27 on page 12 of the Nways Manager sequence of installation.

Chapter 3. Post-Installation Procedures

Installing Nways Remote Monitor for Windows NT

Reference to Checklist: This section corresponds to step 16 on page v.

Note

Nways Remote Monitor Version 2.0 is optional. If you choose not to install it and are using the DB2 database, then continue with “Extracting the JDBC Drivers”. If you choose not to install Remote Monitor, are not using the DB2 database, but are using Tivoli NetView IT Director Edition Version 5.1, then skip to “Editing the Seed File” on page 16.

Follow these steps to install Nways Remote Monitor Version 2.0:

1. Insert Nways Remote Monitor Version 2.0 CD.
2. Click **Next** in the Nways Manager Welcome dialog box.
3. Click on the Remote Monitor checkbox.
4. Click **Next**.
5. Click **Next** in the Nways ReMon Welcome dialog box.
6. Click **Yes**.
7. Click **Next** when you are finished with the Important Installation Information dialog box.
8. Select the destination location.
9. Click **Next**.
10. Select whether or not to launch the Readme.
11. Click **Finish**.
12. Select to restart the computer.
13. Click **Finish**.

Extracting the JDBC Drivers

Reference to Checklist: This section corresponds to step 17 on page v.

Note

If you are not using DB2 as your database for Nways Manager, but are using Tivoli NetView IT Director Edition Version 5.1 as your platform, then skip to “Editing the Seed File” on page 16.

Prior to creating a DB2 Database, the Java DataBase Connectivity (JDBC) drivers must be unzipped into the Nways Manager `java\websvr\code` directory (folder). Follow these steps:

1. Obtain an unzip program (You can use the PkZip that you received with the DB2 FixPak).
2. Extract `db2java.zip` file from the `Sqllib\java\` directory into the `Nways\java\websvr\code` directory.

Creating a DB2 Database for JPM and Starting Data Collection

Reference to Checklist: This section corresponds to step 18 on page v.

Important

Note: If you chose not to have DB2 started automatically when the machine is started, then you will have to issue the `db2start` command from the MS-DOS command prompt before creating a database.

After making sure that the JDBC drivers are installed and DB2 is started, follow these steps to create a database:

1. Select **Start -> Programs -> MS-DOS prompt.**
2. Change the directory to `nways\bin`.
3. Run the command `db2cmd CreateDatabase.bat -create`.
4. Depending on your platform:
 - Start NetView by selecting **Start -> Programs -> NetView -> NetView Console.**
 - Start OpenView by selecting **Start -> Programs -> OpenView -> Network Node Manager.**
5. Select **Tools -> IBM Nways Java -> Performance Configuration.**

6. Click on the *Database* tab.

If you are using HP OpenView Network Node Manager on Windows NT, then you may be asked to enter your username and password. If so, enter the administrative password that you created at the beginning of this process.

7. Click **Start Collection.**

Editing the Seed File

Reference to Checklist: This section corresponds to step 19 on page v

Note

This section only applies if you are using Tivoli NetView IT Director Edition Version 5.1.

Tivoli NetView IT Director Edition Version 5.1's default only discovers devices within one hop of the machine running NetView. In order to discover others, follow these steps to edit the seed file:

1. Start NetView by selecting **Start -> Programs -> NetView -> NetView Console**.
2. Select **Options -> Discovery...**
3. Select the *Discover with Seed File* check box.
4. Click **Edit**.
5. Add Seed IP address to the bottom of the file (the default seed file contains instructions).
6. Select **File -> Save**.
7. Close the Notepad window.
8. Click **Edit** to the right of the *Use Alternative Community Names in File* field.
9. Add any additional Community Names to the bottom of the file (the default community names file contains instructions).
10. Select **File -> Save**.
11. Close the Notepad window.
12. Change the Discovery Speed field from *Medium* to *High Initially*.
13. Click **Apply**.
14. Click **Yes**.
15. Click **OK**.
16. Double click the IP Internet icon in the Root map. (Nodes will appear on the map as they are polled. Blue squares in the Network Polling Activity box indicates that polling is in progress, while red squares mean that a poll is pending.)

To refresh the Nways Device Management map, select **Tools -> IBM Nways Java -> Refresh Nways Map**.

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