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Server Requirements

The server requirements for this installation are listed below.

- Network Operating System: Novell NetWare 3.X and 4.X (with bindery emulation only)

- Network Disk Space: 18 MB required; 25 MB recommended

- Btrieve Database Access: server based: BTRIEVE.NLM

See Also
Installation Preparation
Administrator Console Requirements

Administrator Console Requirements

The administrator console requirements for this installation are listed below.

- Operating System: DOS 5.0 or greater

- User Interface: Microsoft Windows 3.1X in enhanced mode

- Btrieve Database Access: server based: BREQUEST.EXE 6.1 or greater

- CPU: 386SX or higher

- RAM: 4 MB

- Monitor: VGA or better

See Also
Installation Preparation
Server Requirements

Workstation Requirements

The workstation requirements for this installation are listed below.

- Operating System: DOS 3.3 or greater

- Btrieve Database Access: server based: BREQUEST.EXE 6.1 or greater; local based: BTRIEVE.EXE

- RAM: minimum of 640K

See Also
Installation Preparation
Administrator Console Requirements

Installation Preparation

To install BrightWorks, you must:

- Be logged in to the network as a SUPERVISOR or equivalent

- Run Windows 3.1X in enhanced mode

- Have the following line in the [386Enh] section of your SYSTEM.INI file:

network=*vnetbios, vnetware.386, vipx.386

The following file versions are recommended for BrightWorks:

- IPX version 3.10

- NETX version 3.26 or greater

- Windows version 3.1X in enhanced mode

- VIPX version 1.13

- NETWARE.DRV version 2.02 or greater

- VNETWARE.386 version 1.06 or greater

NOTE: If you are using ODI drivers instead of IPX, you must have the following:

    - LSL version 1.2 (2.01 is recommended)

    - IPXODI.COM version 1.2 (2.1 is recommended)

The latest versions of these files can be found on CompuServe in the Novell Libraries (GO NOVFILES). Current IPX, NETX, and IPXODI files are contained within the self-extracting files named VLMUP2.EXE and NET33X.EXE. Detailed information regarding these changes are located in DOSUP9.TXT.

Current versions of the Novell support drivers for Windows (VIPX.386, VNETWARE.386, NETWARE.DRV, etc.) are no longer contained in the self-extracting file WINUP9.EXE. WINDR2.EXE and NWDLL2.EXE have replaced the WINUP9.EXE file, detailed information regarding these changes are located in WINUP9.TXT.

NOTE: As these drivers are updated and added to the CompuServe file, the number within the CompuServe filename will increment. For example, if Novell releases a newer IPX and adds it to WINDR2.EXE, the name will change to WINDR3.EXE.

See Also
Installation
Upgrade Installation

Installation

Installing BrightWorks is quick and simple, requiring minimal user input.

Use the following procedure to install BrightWorks on your network. You can exit the installation at any time by choosing Exit in the lower right corner of the installation screen.

During installation, BrightWorks modifies your existing WIN.INI file and backs up the old file as WIN.MCF. This change does not affect your Windows performance.

Refer to Appendix C in *Using LAN Inventory* or *Using SiteMeter* for information about installing and configuring BREQUEST.EXE and the Btrieve NLM. (The NLM and BREQUEST.EXE are required both to run the BrightWorks console and to perform the upgrade install.)

1.   Verify that you have a drive letter mapped to the SYS: volume for the file server on which you are installing BrightWorks.

2.   Start Windows.

3.   Place the first distribution diskette in your floppy drive if you are installing from diskettes.

If you are installing from a CD ROM, place the CD in your CD drive.

If you are installing the BBS release, decompress the zipped files into a directory on your local or network drive.

4.   Choose File | Run from your Windows Program Manager.

The Run dialog box is displayed.

5.   At the prompt, enter the drive letter of the floppy, CD, or hard drive where you inserted the distribution diskette, CD, or where you unzipped the program files from the BBS and then type SETUP.

For example, type:

A:\SETUP <ENTER>

or

<DRIVE>:\BWORKS.200\SETUP.EXE <ENTER>

At this point, a message is displayed informing you that Setup is initializing.

NOTE: The log file INS200.LOG is created and placed in your WINDOWS directory. The log file is an ASCII file listing the location of the BrightWorks installation. The log file also lists any errors that occurred during installation. If an error that prevents completion of the installation process occurs, the log file will display automatically.

The Welcome dialog box is displayed.

6.   Choose Continue.

The Installation Configuration dialog box is displayed.

NOTE: The Installation Configuration dialog box displays the required space and suggested space needed to run the BrightWorks install as well as the available space on the selected volume of the current server. If there is insufficient space, you will have to choose a new destination (i.e., volume or file server).

7.   Type your company name in the Company Name text box.

8.   Select a server from the server drop-down list box.

The drop-down list box displays all the file servers to which you are currently attached and have a drive mapped. BrightWorks verifies that you have SUPERVISOR rights on the selected file server.

NOTE: Because of BrightWorks integrated nature, all components (Software Manager, Help Desk and Server Monitoring) must be installed on the same server.

9.   Select one of the following install options:

OPTION	DESCRIPTION
Software Manager	Installs BrightWorks (software distribution), SiteMeter (software metering) and LAN Inventory (software and hardware inventory).
New Install	Copies BrightWorks files to the network and automatically creates the Program Manager group McAfee (if not found) containing the BrightWorks program, the Crystal Reports program and all associated Read Me file icons.
Upgrade	In addition to New Install features, it allows you to automatically upgrade from either previous versions of BrightWorks with minimal user input.
Help Desk	Installs LAN Support Center.
Server Monitor	Installs NetTune.

10.   Confirm the Directory in the Directory text box.

The drive letter and full directory must coincide with the file server you selected earlier. BrightWorks creates the directory if it does not exist. The default drive letter is the first one found on the server you specified. BWORKS.200 is the default directory.

11.   If you want to change an option's directory, choose the corresponding Browse button.

The Change Directory dialog box is displayed.

Select the desired directory and path and choose OK to return to the Installation Configuration dialog box.

12. If desired, deselect the Configuration Options.

By default, the install procedure configures both your workstation and server. Simply select the check box to disable these settings.

If you do select the Workstation Options button, the Workstation Configuration Options dialog box is displayed.

If you do select the Server Options button, the Server Configuration Options dialog box is displayed.

Select the desired options in either dialog box and choose OK. The following table lists the available configuration options and their descriptions.

OPTION	DESCRIPTION

Modify WIN.INI file	Inserts the following:
	
	`[EXTENSIONS]`
	`RPT+CRW.EXE^.RPT`

Configure Desktop	Adds McAfee program group and icons.

Modify AUTOEXEC.NCF file	Adds the following lines:
	`LOAD LI`
	`LOAD SITEMETR`
	`LOAD SMRPROXY`
	`LOAD SMRRPT`
	`LOAD SMRENT`

NOTE: If you choose not to modify your AUTOEXEC.NCF file during installation, you can later load the necessary NLMs by typing:
`BWORKS`
at the file server.

13. Choose Continue to proceed with the installation.

A dialog box is displayed with a percent completed bar.

14. If you selected the Upgrade option, refer to Upgrade Installation

If prompted, insert the remaining disks to complete the installation.

The Setup Information dialog box is displayed.

15. Choose OK to indicate that the installation is complete. View the Read Me file for any updated product information.

See Also
Installation Preparation
Upgrade Installation

The Installation Configuration dialog box

Upgrade Installation

The Upgrade option installs into a new BrightWorks directory and imports data from an older version of metering software. The term migration refers to the process of upgrading previous metering software with this version of BrightWorks.

Continue with the following steps to complete the Upgrade Install procedure:

15.   After choosing Continue, the <u>BrightWorks Upgrade Options dialog box</u> is displayed.

16.   To upgrade from a previous BrightWorks installation, choose the corresponding radio button.

   To upgrade from previous installations of SiteMeter or LAN Inventory, choose the Other Products radio button and the corresponding check boxes.

17.   If prompted, insert the remaining disks to complete the installation.

   NOTE: If you are upgrading from SiteMeter 4.x or earlier, continue with Step 17. If you are not upgrading from SiteMeter 4.x or earlier, skip to Step 20.

   The <u>Confirm Migration dialog box</u> is displayed and contains the following information:

OPTION	DESCRIPTION
Metering data directory	Displays the directory path where metering files are located.
File server to be migrated	Displays the file server that you entered in the Installation Configuration dialog box.
Disk space required	Displays the estimated amount of disk space needed to achieve a successful migration.
Disk space available	Displays the amount of disk space available on the selected server.

18.   Choose Begin Migration to transfer the metered applications from previous copies to the selected file server.

   The <u>Migration Status dialog box</u> is displayed.

   NOTE: If you do not want to transfer the existing metered applications to the selected file server, choose Abort Migration. Your upgrade will install successfully, however, no metered applications will be transferred from previous copies of McAfee software metering products.

19.   View the migration program.

   The Success dialog box is displayed.

20.   Choose OK.

        The Setup Information dialog box is displayed.

21.   Choose OK.

See Also
Installation Preparation
Installation

Configuration Procedures

These instructions review the installation process and provide important information about installing the product NLMs.

Important: BREQUEST.EXE version 6.10 or later must be properly loaded to run the BrightWorks Administration program and USAGE.EXE. For instructions on setting up server-based Btrieve, refer to Appendix C, Using Brequest in either *Using LAN Inventory* or *Using SiteMeter*.

NOVDB.INI file must exist in the Windows directory. For server-based Btrieve, the Local=NO line should exist in that file.

If you are using BrightWorks and receive the following error message:

```
BrightWorks: The Novell Brequester has not been loaded.
BrightWorks databases will not be optimized. To optimize
performance of this program, load the BTRIEVE.NLM on your server,
the BREQUEST.EXE TSR on your workstation (with argument /d:17000),
and restart Windows and BrightWorks.
```

and to the best of your knowledge Btrieve has been properly loaded, read the following instructions and take the appropriate steps.

This error occurs if the BTRIEVE.NLM or the BSPXCOM.NLM is not loaded on the file server. Please take the following steps:

1.   At the file server console, type BSTOP.

         This unloads the NLMs.

2.   Type BSTART.

         This loads both BTRIEVE.NLM and BPSXCOM.NLM on the file server.

See Also
Loading NLMs

Loading NLMs

The BrightWorks NLMs need to be loaded to begin collecting inventory and metering network software. To do this, at the file server, type:

```
BWORKS
```

This will load the required Btrieve NLMs, the LI.NLM, SITEMETR.NLM, SMRPROXY.NLM, SMRPT.NLM and SMRENT.NLM.

To unload the BrightWorks NLMs, type:

```
STOPBWRK
```

This will unload the BrightWorks NLMs.

See Also
Configuration Procedures

The Welcome dialog box

This dialog box explains to what destination the Setup program will copy the install files.

See Also
Installation Preparation
Installation

The Installation Configuration dialog box

This dialog box prompts you for pertinent information about the installation and contains the following:

GROUP BOX
DESCRIPTION

The Registration Information group box — Enter your company name in the provided text box

The Install Option group box

First, select a server from the server list box. Then select one or more of the component check boxes (select radio button if applicable). Finally, select directories, ensuring they all reside on the same file server.

The Configuration Options group box — Select each of the Options buttons to display the Workstation and Server configuration Options dialog boxes.

For further information regarding this dialog box, refer to Installation.

See Also
Installation
Upgrade Installation

The Workstation Configuration Options dialog box

Select one or more of the following options:

OPTION	DESCRIPTION

Modify WIN.INI file	Inserts the following:
	`[EXTENSIONS]`
	`RPT+CRW.EXE^.RPT`

Modify CONFIG.SYS file	Adds the McAfee program group and icons

See Also
The Installation Configuration dialog box
The Server Configuration Options dialog box

The Server Configuration Options dialog box

When selected, the Setup program writes the following lines to the AUTOEXEC.NCF:

LOAD   LI
LOAD   SITEMETR
LOAD   SMRPROXY
LOAD   SMRRPT
LOAD   SMRENT

NOTE: If you choose not to modify the AUTOEXEC.NCF file during installation, you can later load the necessary NLMs by typing `BWORKS` at the file server.

See Also
The Installation Configuration dialog box
The Workstation Configuration Options dialog box

The Change Directory dialog box

Use this dialog box to select a path from the Directories and Drives list boxes.

See Also
The Installation Configuration dialog box

The Setup Information dialog box

This dialog box tells the user where to find the Read Me files.

See Also
Installation

The Confirm Migration dialog box

This dialog box displays pertinent information to the user regarding the installation. Depending on the information displayed, the user can either choose Begin Migration or Abort Migration.

Note: LAN Inventorys installation program does not support any of the migration options, only data from previous installations of BrightWorks and SiteMeter will be migrated.

The following fields are located in this dialog box:

- Metering data directory

- File server to be migrated

- Disk space required

- Disk space available

See Also
Upgrade Installation
The Migration Status dialog box

The Migration Status dialog box

This dialog box displays the status of the files being migrated by selecting each check box as the action is finished.

Note: LAN Inventorys installation program does not support any of the migration options, only data from previous installations of BrightWorks and SiteMeter will be migrated.

This dialog box requires no action on the part of the user.

See Also
Upgrade Installation
The Confirm Migration dialog box

The BrightWorks Upgrade Options dialog box

This dialog box is displayed after choosing Continue in the Installation Configuration dialog box during an Upgrade installation.

Use this dialog box to enter paths for upgrading the data information from previous product installations.

- Choose the Brightworks radio button and enter a path in the provided text box pointing to the previous BrightWorks installation, or choose Browse to locate the path.

    OR

- Choose the Other Products radio button , select one or both of the check boxes and enter a path pointing to the previous installations, or choose the corresponding Browse buttons to locate the paths.

See Also
Upgrade Installation
The Installation Configuration dialog box