



IBM[®] WebSphere[™] Host Publisher Planning and Installation Guide for NetWare[®]

Version 2 Release 2



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Note

Before using this information and the product it supports, be sure to read the general information under "Appendix A. Notices" on page 9.

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Planning and Installing Host Publisher

As with any software, some planning is necessary to ensure a successful installation. Use this planning information to help you install the Host Publisher components.

Hardware and software requirements

Host Publisher Studio runs on Windows 95, Windows 98, Windows NT Version 4, and Windows 2000.

Hardware requirements

Host Publisher Server NetWare Server

- A server class PC with a Pentium or higher processor
- 512 MB RAM - minimum
- 200 MB of disk space - Host Publisher Server base code and all languages
- Refer to NetWare 5.1 Product Details

Host Publisher Studio Windows 95, Windows 98, Windows NT, and Windows 2000:

- Pentium 166 processor or higher
- Minimum of 128 MB RAM
- 90 MB of free disk space
- A display with a color depth of 256 colors or higher.

Software requirements

Host Publisher Server

- NetWare 5.1 with latest service pack applied
- NetWare Enterprise Web Server Version 3.5.1 or higher
- NetWare FTP Server Version 1.0.0 or higher
- IBM WebSphere Application Server Version 3.0.2

Host Publisher Studio

Windows 95, Windows 98

None

Windows NT Windows NT Workstation or Server Version 4.0, Service Pack 4

Windows 2000

Windows 2000 Professional, Server, or Advanced Server

Limitations

Host Publisher Version 2.2 uses IBM WebSphere Application Server V3.0.2. Refer to documentation on that product to understand any limitation considerations it might have.

Performance considerations

Host Publisher Version 2.2 is a Java product. Performance is a function of the speed of the network, the processing power of the workstation or server, as well as the level of the Java Development Kit (JDK) being used.

Before installing Host Publisher

Before you begin installing Host Publisher, you must know:

- The directory path into which you will install Host Publisher
- The *alias* you want to use (for Host Publisher Server only)

The alias is a string that appears in every URL request. It allows the organization of Host Publisher document parts under one directory.

- The number of licenses for which you are authorized.

Installing Host Publisher Server

Installation of the Host Publisher Server includes the following:

- Host Publisher 2.2 Server code
- Host Publisher Server Administration files
- A server configuration file (`server.properties`), that contains the purchased number of licenses

Publishing of applications is handled by the Host Publisher Studio; however, some database and host access samples have been provided for your use. Refer to <http://www.ibm.com/software/network/hostpublisher/downloads/> for the latest information about the samples.

During installation, these files are modified:

- WebSphere Application Server's **admin.config** file, to allow it to access Java code installed with Host Publisher 2.2
- NetWare Enterprise Web server configuration file, **obj.conf**, to configure the Host Publisher Server alias

Installing on NetWare

Host Publisher can be installed directly from the CD or from the CD mounted as a NetWare Volume on another NetWare Server. If WebSphere Application Server is not running, it will be started during the installation to import the configuration files.

To install Host Publisher Server:

1. If the NetWare Graphical Console is not started, enter `startx` on the system console command line.
2. On the Graphical Console, click on the button labeled **Novell** in the task bar.
3. Select **Install** from the expanded list.
4. Select **Add** from the **Installed Products** window.
5. On the **Source Path** panel, enter the path to the installation files, or use the browse button to select the location.

Examples:

Installing from local CD drive

Enter `D:` or the letter associated with the CD drive

Installing from CD mounted on another server

Enter `Server2\HP22:` where `Server2` is the name of the Server where the CD is mounted and `HP22` is the volume name of the Host Publisher CD. You are prompted to log on to the other server.

6. Proceed through the windows, making appropriate choices where necessary. From the **Select Destination Location** panel, Host Publisher can be installed on the local server or a remote server.

Examples:

Installing on the local server

Enter the volume and directory in the following format:

`sys:\hostpub`

Installing on a remote server

Enter the server name, volume, and directory in the following format:

`Server2\sys:\hostpub`

The directory will be created if it does not exist. The volume must exist. You are prompted to log on to the destination server.

7. To read the latest product information, check the **View** button on the **Installation Complete** window.
8. Click **Close** on the **Installation Complete** window.

9. The installation invokes an ncf file to add Host Publisher to the WebSphere Application Server configuration. Before rebooting, go to the system console and ensure that the configuration has completed. You should see the message

```
java: Class com.ibm.websphere.xmlconfig.XMLConfig exited successfully
```

If the installation completed successfully but the configuration completed with errors, you can run ncf files to configure and start Host Publisher from the command line after rebooting.

10. Reboot your server so WebSphere Application Server and Web Server pick up the configuration file changes.

If the configuration completed with errors, run the ncf files. At the system console prompt, enter `hpconfig`. When it completes, enter `hpstart`.

Installing Host Publisher Studio

1. Double-click `setup.exe` in the CD root directory.
2. Proceed through the installation windows.
3. Click Finish when the final window appears.

Note: If you plan to create a response file for silent installation of the Host Publisher Studio on other machines, refer to “Silent installation of Host Publisher Studio”. The Host Publisher Studio is installed following the creation of the response file.

Silent installation of Host Publisher Studio

Silent installation of Host Publisher Studio requires the creation of a response file. After creating a response file, the Host Publisher Studio is installed in the location you specify on the installation panels.

To create a response file that contains the information required on the installation panels, and install the Host Publisher Studio, type the following at a command prompt:

```
setup.exe -r -f1responsefile_path -f2logfile_path
```

where *responsefile_path* and *logfile_path* are the paths where you want the response file and log file to reside.

The `-f2` parameter is optional. For example:

```
setup.exe -r -f1c:\WINNT]setup.iss
```

or

```
setup.exe -r -f1c:\HostPublisher\setup.iss -f2c:\HostPublisher\setup.log
```

This creates a response file with a typical .iss extension in the specified directory.

To run a silent installation using the response file, at the command prompt, type:

```
setup.exe -s -f1responsefile_path -f2logfile_path
```

The -f2 parameter is optional. For example:

```
setup.exe -s -f1c:\WINNT]setup.iss
```

or

```
setup.exe -s -f1c:\HostPublisher\setup.iss -f2c:\HostPublisher\setup.log
```

The setup.log file provides installation details. If the silent installation is successful, the ResultCode is 0. If the silent installation fails, the ResultCode is often -12. This indicates that the information in the response file does not exactly correspond to the panels presented during the silent installation. It is important for the response file information to match the installation panels, so make sure you create the response file and run the silent installation in the same environment.

Testing installation of the Server

After you complete installation of Host Publisher 2.2, start the Web server, then access a simple HTML page. In this way, you can ensure that the Host Publisher alias is working.

1. Copy the following HTML code to a file named test.html.

```
<!doctype html public "html2.0">
<html>
<body>
<h1 align="center">My home page</h1>
</body>
</html>
```
2. Place test.html in the *install_dir*\Server\production\documents directory path, where *install_dir* is the directory in which Host Publisher is installed. *install_dir* defaults to sys:\hostpub\.
3. Load `http://myhost/alias/test.html` in your browser, where *alias* is the alias you defined when installing Host Publisher. The default alias is /HostPublisher/.

If the test file is not found, check the Web Server's configuration file (obj.conf) to ensure the Host Publisher alias is defined. Stop and restart the Web Server if you make changes.

Start WebSphere Application Server administration.

1. If the NetWare Graphical Console is not started, enter `startx` on the system console command line.
2. On the Graphical Console, click on the button labeled **Novell** in the task bar.
3. Select **WebSphere** and click on **Administrator's Console**.

Next, access a simple JSP page to make sure all the basic WebSphere settings are correct.

1. Copy the following HTML code to a file named `test.jsp`.

```
<html>
<head>
<title>JSP Test</title>
</head>
<body>
<h2>Hello world</h2>
<h4>I'm at <%=request.getRequestURI() %></h4>
</body>
</html>
```

2. Place `test.jsp` in the `install_dir\Server\production\documents` directory path, where `install_dir` is the directory in which Host Publisher is installed.
3. Load `http://myhost/alias/test.jsp` in your browser, where `alias` is the alias you defined when installing Host Publisher. The default alias is `/HostPublisher/`.

If `http://myhost/alias/test.jsp` fails to load, ensure that WebSphere Application Server is started and that the Application Server named `HostPubServer` is started in the WebSphere Administrator's Console.

4. Test the sample applications.

Refer to

<http://www.ibm.com/software/network/hostpublisher/downloads/> for information on downloadable test applications.

Diagnosing installation problems

Several log files are created during Server installation. These files are located in the `SYS:\ni\data` directory. The files are:

nioutput.txt

This file contains progress and error messages for both NetWare Install Service and the Host Publisher installation. Generally, this is the most important log file, since it provides detail about what the program was doing when it failed.

- ni.log** This file contains progress messages and error information generated by the Java components.

nierrors.txt

If an exception is thrown during installation or removal, it is redirected to this file.

Uninstalling Host Publisher

To uninstall Host Publisher Studio:

1. From the Control Panel, click Add/Remove Programs.
2. Select IBM Host Publisher Studio.
3. Click Add/Remove.

To uninstall Host Publisher Server:

1. If the NetWare Graphical Console is not started, enter `startx` on the system console command line.
2. On the Graphical Console, click on the button labeled **Novell** in the task bar.
3. Select **Install** from the expanded list.
4. On the **Installed Products** window, select **Host Publisher**, and click the **Delete** button.
5. The uninstallation invokes an `ncf` file to remove Host Publisher from the WebSphere Application Server configuration. The configuration update is complete when you see the message

```
java: Class com.ibm.websphere.xmlconfig.XMLConfig exited successfully
```

on the system console.

If the configuration update has errors, you can enter `hpstop` and `hpdel` from the console command line to stop Host Publisher and remove it from the WebSphere configuration.

Uninstalling WebSphere Application Server

WebSphere Application Server is *not* removed during uninstallation of Host Publisher. If no other programs are using WebSphere, you can remove the product as follows:

1. If the NetWare Graphical Console is not started, enter `startx` on the system console command line.
2. On the Graphical Console, click on the button labeled **Novell** in the task bar.
3. Select **Install** from the expanded list.
4. On the **Installed Products** window, select **WebSphere**, and click the **Delete** button.

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This Planning and Installation Guide contains information on intended programming interfaces that allow the customer to write programs to obtain the services of Host Publisher.

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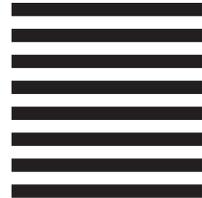
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