

Installing Novell Net Publisher

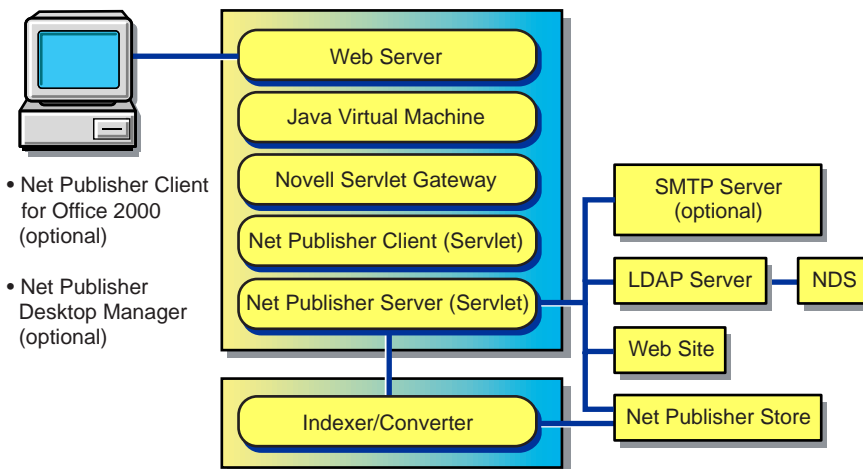
Novell® Net Publisher provides a secure system through which users can easily collaborate on files and publish files to a Web site. Through Net Publisher and NDS®, you (or other users you assign) control who has access to the working files, who can submit files for publishing, and who approves or rejects files submitted for publishing. Users can create and edit files in their native applications, then use Net Publisher to manage the publishing process.

DOCUMENTATION RESOURCES

This Quick Start card provides basic information for installing Novell Net Publisher. For additional planning and installation information, as well as configuration, maintenance, and troubleshooting information, see the Novell Net Publisher documentation at <http://www.novell.com/documentation>.

ARCHITECTURAL OVERVIEW

Novell Net Publisher consists of three main modules: the Net Publisher client, the Net Publisher Server, and the Indexer/Converter.



The Net Publisher client and Net Publisher Server are servlets that reside on the Web server. The Net Publisher client provides the interface that users access through their Web browsers. Requests made through the Net Publisher client are passed to the Net Publisher Server, which processes the requests. For example, a Net Publisher client request to log in to the Net Publisher Store (the directory structure that contains users' working files) is passed to the Net Publisher Server, which then authenticates the user to NDS through the LDAP server.

The Indexer/Converter indexes files in the Net Publisher Store to provide searching capabilities, and converts files to HTML for viewing or publishing to the Web site. The Indexer/Converter can be run as a NetWare[®] NLM[™] or a Windows* executable and does not need to be on the same machine as the Web server.

The Net Publisher client for Microsoft* Office 2000 and the Net Publisher Desktop Manager are optional components. The Net Publisher client integrates with Word 2000, Excel 2000, and PowerPoint* 2000 to enable users to create files and add them directly to the Net Publisher Store. The Net Publisher Desktop Manager integrates with the desktop's Windows Explorer and My Computer features to enable users to access the Net Publisher Store through Web folders.

FUNCTIONAL OVERVIEW

Net Publisher enables users to create documents in a variety of applications, store them in their native format, and convert them to HTML for publishing to a Web site.

Working with Files

Using the Net Publisher client, users add files to the Net Publisher Store's working files directory structure. While in the working files directory, the files can be shared with other users, checked out for editing in their native format, copied or moved from one directory to another, and converted to HTML and viewed.

Publishing Files

When a file is ready to be published, the user submits it for approval. Depending on the approval model, the file is automatically published, automatically rejected, or routed to one or more predefined approvers for approval or rejection.

If a file requires approval, it is placed in the Store's pending files directory structure (a duplicate image of the working files directory structure) so that it cannot be modified during the approval process. Rejected files are removed from the pending files directory and are available to be worked on again. Approved files are removed from the pending files directory, converted to HTML (if necessary), and copied to the Web site. Each folder in the Store can have its own approval model and approvers.

Providing File Security

Net Publisher provides file security through folder-level access rights and file-level access rights. Depending on a user's needs in a folder, the user can be given manager, contributor, or viewer access rights. Net Publisher administrators and folder managers control folder access rights. Owners of files control who has rights to edit the files.

SYSTEM REQUIREMENTS

- One of the following Web servers on which to install the Net Publisher Server, Store, and Indexer/Converter:
 - Netscape Enterprise Server* 3 for NetWare 4 or 5 (included on the Net Publisher CD)
Note: NetWare 4.11 must have Support Pack 5 or later installed; NetWare 5 must have Support Pack 2 or later installed.
 - Netscape Enterprise Server 3.6 or later for Windows NT*
 - Microsoft Internet Information Server 4.0 for Windows NT
- JVM 1.1.7b or later and the Novell Servlet Gateway installed on the Web server. The Net Publisher Installation Advisor gives you the option to install JVM 1.1.7b and the Novell Servlet Gateway from the Novell Net Publisher CD.
- ConsoleOne™, version 1.2 or later. The Net Publisher Installation Advisor gives you the option to install ConsoleOne 1.2b from the Novell Net Publisher CD.
- A Novell LDAP server located in the NDS tree where you will install Net Publisher. The LDAP server must be running on a NetWare 5.x server that has SAS and PKI installed. The LDAP server for NetWare 4.1x cannot be used; it does not support the functionality (SAS and PKI) required by Net Publisher.
- Users must have one of the following Web browsers:
 - Windows: Microsoft Internet Explorer 4.0 or higher; Netscape Navigator* 4.06 or higher
 - Macintosh*: Microsoft Internet Explorer 4.5 or higher; Netscape Navigator 4.51 or higher
- (Optional) An SMTP server is required for e-mail notification of submitted, approved, and rejected files.
- (Optional) Microsoft Office 2000 is required for the Net Publisher client for Office 2000. Internet Explorer 5 (Web folders) is required to use the Net Publisher Desktop Manager.

PRE-INSTALLATION

Before you begin installing Novell Net Publisher, you should complete the following tasks:

- Gather the information required for creation of your Net Publisher system.
- Verify that you have the file system rights and NDS access rights required for installation.
- Create an NDS user account for the Net Publisher Server.
- Configure the LDAP server's security method.

Gather System Information

During creation of the Net Publisher system, the Net Publisher System Setup Advisor prompts you for required information and provides brief explanations. For an overview of the information you'll be asked to provide, see the System Setup Checklist on page 6.

Verify File System Rights and NDS Access Rights Required for Installation

Make sure you have Read, Write, Create, Erase, Modify, and File Scan (or equivalent) file system rights to the network server volume where you will create the Net Publisher directory and install the files. For NetWare, you must also have these rights to the SYS volume.

To extend the schema of the NDS tree where you will install Net Publisher, you need to have admin equivalent rights at the root of the tree.

To create the Net Publisher system, you need admin equivalent rights to the container (or containers) in which you will create the Net Publisher Server, Store, and Indexer/Converter objects. You also need admin equivalent rights to all containers in which users reside who will use Net Publisher.

Create an NDS User Account for the Net Publisher Server

To authenticate users and retrieve Address Book information, the Net Publisher Server accesses NDS through an LDAP server. The Address Book is used to create folder access lists, file editor lists, and file approver lists.

You need to create an NDS user account (or verify that you have an existing account) for the Net Publisher Server. The account must provide default trustee rights to 1) the containers where the Net Publisher Server, Store, and Indexer/Converter objects reside and 2) the containers where users reside who need access to Net Publisher. The account must also be accessible to the LDAP server.

Configure LDAP Server Security

To authenticate a user to NDS, the Net Publisher Server passes the user's name and password to the LDAP server. You can use the SSL (Secure Socket Layer) protocol to provide secure communication between the Net Publisher Server and LDAP server. If you want to use SSL, make sure that SSL is installed and configured appropriately for your LDAP server. For information, see your Novell NetWare documentation, or visit the Novell Documentation site at <http://www.novell.com/documentation>.

If you do not use SSL, you need to enable the LDAP server to receive clear text passwords. To do so, use NetWare Administrator to enable the Allow Clear Text Passwords option located on the LDAP Group object's page.

INSTALLATION

1. Run SETUP.EXE from the root of the Net Publisher CD.
2. In the Select Installation Tasks dialog box, deselect the tasks that are already completed.

For example, if JVM 1.1.7b (or higher), the Novell Servlet Gateway, or ConsoleOne 1.2 are already installed, you don't need to install them again.
3. Follow the prompts.

POST-INSTALLATION

Once you've installed Net Publisher, you need to complete the following tasks to begin using the system:

- Start the Net Publisher components.
- Use the Net Publisher client.
- (Optional) Use the Net Publisher Client for Office 2000 and the Net Publisher Desktop Manager.

Start Net Publisher

1. Restart the JVM and Web server.
2. Start the Indexer/Converter. On NetWare, run **iscserv.ncf** from the system console. On Windows NT, run **iscserv.exe** from the NETPUB\INDXCONV directory.

Note: If you installed the Indexer/Converter on a Windows NT server, you need to register the QuickFinder™ DLLs before starting the Indexer/Converter. To do so, run KSREG.EXE from the Windows NT server's NETPUB\INDXCONV directory.

Use the Net Publisher Client

1. In your Web browser, enter the following URL:

http://<web server IP address or DNS host name>/servlet/npclient
2. Log in using your NDS username and password.
3. For information about using the Net Publisher client, click Help.

Use the Net Publisher Client for Office 2000 and the Net Publisher Desktop Manager

1. At a workstation, run SETUP.EXE from the CLIENT FOR WINDOWS directory on the Net Publisher CD.
2. Create a Web folder using the following URL:

http://<web server IP address or DNS host name>/servlet/npserver
3. Start Word, Excel, or PowerPoint. For information about using Net Publisher, click Help > Novell Net Publisher Help.

or

To use the Novell Net Publisher Desktop Manager, double-click My Computer or Windows Explorer > right-click the Web Folder icon > click Novell Net Publisher > click Web Folders Desktop Manager. For information about using the Desktop Manager, click Help.

SYSTEM SETUP CHECKLIST

During creation of your Net Publisher system, you will be prompted for the following information.

- The location (UNC path) on the Web server where you want to create the Net Publisher directory. The Net Publisher Server, Net Publisher Store, and Indexer/Converter files are installed to this directory.
- The type of Web server you are using, the location (UNC path) of the Web server's document root directory, and the Web server's IP address (or DNS host name) and port number.
- The NDS names and contexts for the Net Publisher Server object and Net Publisher Store object. The default names are NetPub_Server and NetPub_Store.
- The location (UNC path) and URL to use for the published files directory. Typically, the location is your Web server's document root directory or a subdirectory. The URL must provide the full path to the published files directory (for example, <http://151.155.123.45/> for the root directory or <http://151.155.123.45/marketing> for a marketing subdirectory).
- The users who will be assigned as Net Publisher administrators. Administrators have full rights to the Net Publisher system.
- The default publishing approval model for the Net Publisher Store. The three approval models are: Publish with Approval, Publish without Approval, and No Publishing Allowed. The Publish with Approval model requires you to select a default approver.
- The default access list for the Net Publisher Store. Users in the access list are assigned one of the following access levels: manager, contributor, or viewer. Folder managers have full rights in the folder. Folder contributors can add files and folders. Folder viewers can see files and view their contents.
- The type of network server (NetWare or Windows NT) where the Indexer/Converter will be installed, the IP address (or DNS host name) of the network server, the NDS object name (the default is NetPub_Server_IndexerConverter), and the NDS context.
- The LDAP server's IP address (or DNS host name), port number, and NDS context.
- The NDS user account and password that the Net Publisher Server can use to authenticate to NDS.
- (Optional): The IP address (or DNS host name) and port number of the SMTP server that will be used to send notification of submitted, approved, and rejected files.

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