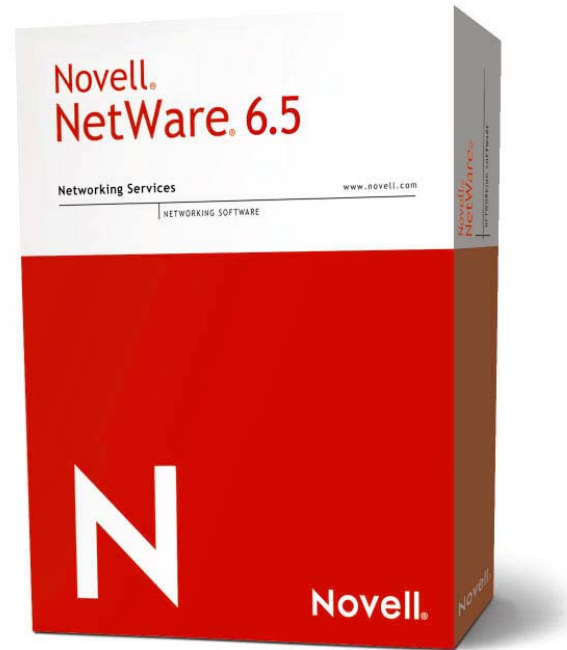


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# NetWare 6.5

## Patterned Installation Reference



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# NetWare 6.5 Pre-configured & Patterned Server Installations

The following table lists and briefly describes the optional pre-configured servers that are included with 6.5. The “Notes” column includes cross-references to additional information in the Novell product documentation located at

<http://www.novell.com/documentation/lg/>

**Note:** A table listing the files copied to the server when you select each option is included in the next section under “Pre-configured Installation Files”.

## Pre-configured Installation Options

Option	Description	Notes
DNS/DHCP Server	Installs DNS/DHCP services; extends the schema for DNS/DHCP; creates a dedicated DNS/DHCP server.  DNS/DHCP Services integrate the Domain Name System (DNS) and Dynamic Host Configuration Protocol (DHCP) into the eDirectory database; this allows centralized management of network (IP) addresses, configuration, and hostnames.	See the <i>Novell DNS/DHCP Services Administration Guide</i>
exteNd J2EE Web Application Server	Installs a highly optimized configuration of the Novell exteNd Application Server (Enterprise Edition).  <b>Important:</b> You must also install the Novell exteNd Workbench from the <i>Novell Clients Software CD (July 2003 or later)</i> .	Access the server help for additional information.
LDAP Server	Installs Lightweight Directory Access Protocol (LDAP) Services for Novell eDirectory.  This server configuration allows LDAP clients (for example, Netscape Communicator, Internet Explorer, or the Novell Import Conversion Export utility) access information stored in eDirectory.	See “Configuring LDAP Services for Novell eDirectory” in the <i>Novell eDirectory 8.7 Administration Guide</i>
NetWare AMP Server (Apache, MySQL, PHP, and PERL)	Lets you host Web database applications on your NetWare 6.5 server.  Web database applications can be downloaded from the internet or you can develop and host your own using SQL, PHP, or PERL.	See the <i>Nsure Audit Administration Guide</i>

Option	Description	Notes
NetWare Backup Server	Provides the infrastructure for backup and restore services on the NetWare platform. You can back up targets such as the file system, Novell eDirectory, or GroupWise to removable tape media for off-site storage.	See the <i>Storage Management Services Administration Guide</i>
NetWare Web Search Server	Installs a search engine capable of indexing Web site and file server content. Lets you add search functionality to your Web sites.	See the <i>NetWare Web Search Server Administration Guide</i>
Network Attached Storage (NAS) Server	Provides multiple file protocol storage. NetWare 6.5 supports Native File Access protocols (NFAPs), including Windows Networking (CIFS), Novell Networking (NCP), UNIX/Linux Networking (NFS), Macintosh Networking (AFP), and Web Storage (HTTP, HTTPS, FTP, and WebDAV). NetWare 6.5 can drop into and integrate with any of these environments, as well as bridge these environments together. <ul style="list-style-type: none"> <li>• Allows Multi-platform clients and application servers to access storage using their native protocols</li> <li>• Includes NetStorage, which allows Web-based sharing of and access to files</li> </ul>	See the <i>NetStorage Administration Guide</i>
Novell iPrint Server	Installs Novell iPrint, Novell's recommended print solution. <ul style="list-style-type: none"> <li>• Lets users install printers and manage print jobs using an existing Internet connection/Web browser</li> <li>• Generates a Web page that lists available printers</li> <li>• Lets administrators create printer maps to help users find the printer closest to them</li> </ul>	See the <i>iPrint Administration Guide for NetWare 6.5</i>
Nterprise Branch Office - Central Office Server	Installs a basic NetWare server plus the files necessary to run Rsync at the central office. Rsync is an open-source utility that provides fast incremental file transfer. Rsync is used in conjunction with Nterprise Branch Office soft appliance (included with NetWare 6.5) to allow businesses with multiple branch offices to back up/replicate data to a server running Rsync software at the central office, enhancing the ability to recover from disasters.	See the <i>Nterprise Branch Office Administration Guide for NetWare 6.5</i>
Apache/Tomcat Server	Installs Apache Web Server 2.0 and the Jakarta-Tomcat Servlet Container 4.1 Lets you deploy and host servlets and Java Server Pages (JSPs) for use in hosting dynamic, application-driven Web sites. Novell eDirectory Java LDAP beans are also included to provide a	See the <i>Apache Web Server On NetWare Administration Guide</i> See the <i>Tomcat for NetWare Administration Guide</i>

Option	Description	Notes
	<p>broad range of eDirectory authentication as well as identity mechanisms that are customized for use in setting up browser-based access to protected information.</p> <p>For additional development and deployment power, install the Novell exteNd Workbench IDE from the <i>Novell Clients Software CD (July 2003 or later)</i>.</p> <p>Note: If you need more functionality than you can get from servlets and JSPs, consider installing the pre-configured exteNd J2EE Web Application Server option instead.</p>	
Centralized Auditing Service Server	<p>Installs the centralized auditing service that is built-in to NetWare 6.5. The auditing service collects security and system event data, filters the collected information to trigger real-time e-mail notifications, and enables centralized logging to a single data store.</p>	See the <i>Nsure Audit Administration Guide</i>
iSCSI SAN Storage Server	<p>Turns a NetWare server into an iSCSI Storage Server (an iSCSI Target); includes LDAP access control to limit the servers on the iSCSI SAN that can access the storage on the iSCSI Storage Server; supports Novell Cluster Services.</p> <p>iSCSI is an industry standard that lets customers build low-cost, fully functional Storage Area Networks (SANs) using commodity LAN (Ethernet) hardware.</p> <p>With iSCSI, existing direct-attached or SAN-attached servers can be redeployed as iSCSI Storage Servers to improve the manageability and storage deployment while also adding high availability.</p>	<p>See the <i>Novell iSCSI for NetWare Administration Guide</i></p> <p>Improved storage system performance is possible with Gigabit Ethernet hardware.</p>
Novell iFolder 2.1 Server	<p>Creates a dedicated iFolder server and extends the eDirectory schema for iFolder.</p> <p>Novell iFolder 2.1 provides users with a convenient and secure virtual work folder that provides access to the most recent version of their files. All the user needs is an active Internet connection and the iFolder client or a Web browser.</p> <p>The iFolder server helps guard against local data loss by automatically backing up user's local files to the iFolder server, making them available for regularly scheduled data backups.</p>	See the <i>iFolder 2.1 Installation and Administration Guide</i>
Virtual Office Server	<p>Creates a Virtual Office server so users can set up and manage many of their own networking, information sharing, and data backup processes. Virtual Office lets users create project teams, organize projects, and collaborate with team members in real time from any location, while optimizing the concept of self service.</p>	See the <i>Novell Virtual Office Installation and Configuration Guide</i>

# Pre-Configured Installation Files

The following table lists the files copied to the server for each of the Pre-configured installs. Pre-configured installs are listed across the top; the files included with the install are listed on the left.

	Pre-Migration Server	DNS/DHCP Server	exteNd J2EE Application	LDAP Server	NetWare AMP (Apache, MySQL, PHP)	NetWare Backup	NW Web Search	Network Attached Storage	Novell iPrint	Nterprise Branch Office – Central Office	Apache/ Tomcat	Central ized Auditing	iSCSI SAN Storage	Management Server	Novell iFolder 2.1	Virtual Office
Apache 2 Admin Server			x	x	x		x	x	x		x			x		x
Apache 1.3.26 Web server															x	
Apache 2 Web Server		x	x		x		x		x		x			x		x
CIFS/AFP			x		x			x						x		
ConsoleOne 1.3.4			x	x	x			x			x	x	x	x		x
DNS/DHCP			x		x											
eDirectory 8.7	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
eMBox			x	x	x	x		x			x	x	x	x		x
iSCSI module													x			
Java* Virtual Machine (JVM*)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
LDAP Service			x	x	x		x	x	x		x	x	x	x	x	x
MySQL			x		x											
NDS iMonitor Services			x	x	x				x			x	x	x		x
NetWare Remote Manager 2.4.0	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

	Pre-Migration Server	DNS/DHCP Server	exteNd J2EE Application	LDAP Server	NetWare AMP (Apache, MySQL, PHP)	NetWare Backup	NW Web Search	Network Attached Storage	Novell iPrint	Enterprise Branch Office – Central Office	Apache/ Tomcat	Centralized Auditing	iSCSI SAN Storage	Management Server	Novell iFolder 2.1	Virtual Office
NetWare Web Search			x		x		x									x
Novell Certificate Server 2.4.0	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
NIC1	x	x	x			X	X	X	x	x	x	x	x	x	x	x
Novell Distributed Print Services			x		x				x							x
Novell eGuide			x		x						x			X		x
Novell iFolder 2.1			x												x	x
Novell iManager 2.0		x	x		x						x			x		x
Novell Licensing Services	x		x	x	x	x		x			x	x	x	x		x
Novell Modular Authentication Service (NMA)			x	x	x	x	x	x	x		x					x
Novell Native File Access			x	x	x			x								
Novell Net Storage																x
Novell Portal Services									X							
Novell Publish/Subscribe Infrastructure (NPSI)					x				x							
Novell Script Engine (for PHP and PERL support)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
NWFTP			x		x											
OpenSSH			x		x						x					
Pervasive* SQL 2000i			x	x	x	x		x			x	x	x	x		x
Secure Authentication Services	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x

	Pre-Migration Server	DNS/DHCP Server	exteNd .J2EE Application	LDAP Server	NetWare AMP (Apache, MySQL, PHP)	NetWare Backup	NW Web Search	Network Attached Storage	Novell iPrint	Enterprise Branch Office – Central Office	Apache/ Tomcat	Centralized Auditing	iSCSI SAN Storage	Management Server	Novell iFolder 2.1	Virtual Office
Storage Management Services (SMS)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Tomcat 4 Servlet Container		x	x	x	x		x	x	x		x	x	x	x		x
UDDI			x								x					
Virtual Office																x
WANCON			x		x											x
WANMAN			x		x											
W0 (Security Domain Key)	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x