

# Setting Up Novell Small Business Suite

Easy to install and manage, Novell® Small Business Suite 5.1 is a network software system designed to give single-site businesses superior performance and powerful intranet and Internet capabilities.

## Set Up a Small Business Server

Novell Small Business Suite supports a multi-server environment in which all servers are running the same version of the Novell Small Business Suite operating system.

If this is your first time installing a NetWare 5.1 server, we recommend that you read and follow all the instructions in the *Installation and Administration* manual. Complete instructions are in the printed *Installation and Administration* manual, on the *Novell Small Business Suite Documentation* CD, and at the [Novell Documentation Web site \(http://www.novell.com/documentation\)](http://www.novell.com/documentation).

### TECHNICAL SUPPORT FOR NOVELL SMALL BUSINESS SUITE

Novell Small Business Suite 5.1 includes *free* installation support for Novell Resellers during normal business hours, for the following components:

- ♦ NetWare 5.1 operating system installed
- ♦ The ability to browse the Internet (the ISP configuration is not included)
- ♦ GroupWise® 5.5: the ability for a user to send and receive Internet e-mail (the ISP configuration is not included)

Support for the installation of all other components or support beyond the levels indicated above will incur support charges. For information on technical support options with Novell including Premium Service, visit the Novell support [Web site \(http://support.novell.com\)](http://support.novell.com).

When you call for this technical support, you will need to provide your product serial number. This number is printed on the *License/Cryptography* diskette.

# Novell®

Contact Novell Technical Support:

- ◆ U.S. and Canada 1-800-858-4000, option 4
- ◆ Latin America
  - ◆ Mexico 01-800-714-5127
  - ◆ Argentina 0-800-888-668355 (0-800-888-novell) and by e-mail [soporte@novell.com](mailto:soporte@novell.com)
  - ◆ All other Spanish-speaking countries 1-800-858-4000, option 4
  - ◆ Brazil 011-5505-4066
- ◆ APAC:
  - ◆ Novell Premium and Channel partners: use your assigned toll numbers
  - ◆ All others: + 61 2 9925-3133
- ◆ Europe:
  - ◆ Austria +49 211 5632 800
  - ◆ Belgium +31 10 286 47 41
  - ◆ Denmark +31 10 286 47 42
  - ◆ France +31 10 286 47 43
  - ◆ Germany +49 211 5632 800
  - ◆ Italy +31 10 286 47 44
  - ◆ Netherlands +31 10 286 47 41
  - ◆ Norway +31 10 286 47 42
  - ◆ Sweden +31 10 286 47 42
  - ◆ Switzerland +49 211 5632 800
  - ◆ Spain +31 10 286 47 45
  - ◆ U.K. +31 10 286 47 46
  - ◆ For any country not listed above, call the U.K. number
  - ◆ Fax +49 211 5632 1774

**MEET SYSTEM, SOFTWARE, AND OTHER REQUIREMENTS****System**

- A server-class PC with a Pentium\* II or higher processor.
- A VGA or higher resolution display adapter (SVGA recommended).
- One or more network boards installed.
- A 3.5-inch diskette drive and a CD drive. Bootable CD drives must support the El Torito specification.
- A PS/2\* or serial mouse is recommended, but not required.
- A DOS partition with at least 20 MB of available space. If you are creating a new DOS partition during the installation, the installation requires you to enter a DOS partition size of at least 100 MB.
- Minimum disk space requirement outside the DOS partition: Standard NetWare® products plus WebSphere\* Application Server for NetWare—1.3 GB for volume SYS.
- Minimum memory requirements:
  - ◆ Standard NetWare products—128 MB.
  - ◆ NetWare products plus WebSphere Application Server for NetWare—256 MB (512 MB recommended).
  - ◆ All products, including Oracle8\*—512 MB.

**NOTE:** The system requirements listed above are minimum requirements which might not yield acceptable results. You can optimize the server performance by increasing the amount of server memory, disk space, and processor speed.

**Software and Other**

Before starting the server installation, make sure that you have the following software and information:

- Novell Small Business Suite 5.1 Operating System CD.*
- Novell Small Business Suite 5.1 License/Cryptography diskette.*
- You might need to gather information about network board and storage device properties, such as the interrupt and port address. In most cases, this information will be automatically detected by the installation. For more information, contact your computer hardware manufacturer.

- ❑ If this is the first Novell Small Business Suite 5.1 server on the network, you must make sure that this server will be a reliable, accessible, and continuing part of your network.

**IMPORTANT:** The first Novell Small Business Suite 5.1 server installation automatically creates and physically stores the Organizational Certificate Authority (CA) object for the entire NDS tree. The Organizational CA object enables secure data transmissions and is required for Web-related products such as NetWare Web Manager and NetWare Enterprise Web Server.

After the Organizational CA object is created, you should not delete or move it.

- ❑ If this is *not* the *first* Novell Small Business Suite 5.1 server on the network, you must:
  - ◆ Have Supervisor rights to the container where the server will be installed.
  - ◆ Have Read rights to the Security container object for the NDS® tree.

### PREPARE THE NETWORK

If you are upgrading from NetWare 4.11, NetWare 4.2, intraNetWare for Small Business, NetWare for Small Business 4.x, or Novell Small Business Suite 5, or adding a new server to an existing network, you should:

- 1 Back up all data.
- 2 Insert the *Operating System* CD into a workstation, then run NetWare Deployment Manager (NWDEPLOY.EXE) to update your NDS schema and license management. Instructions are included in NetWare Deployment Manager.

### PREPARE THE COMPUTER

- 1 Follow the manufacturer's instructions to install and connect the network board and network cabling to your computer.
- 2 Make sure that all storage devices are properly attached to storage adapters.
- 3 Back up all data.

### BEGIN THE INSTALLATION

- 1 At the computer that you want to be your server, insert the *Novell Small Business Suite 5.1 Operating System* CD into the CD-ROM drive.
- 2 Reboot the computer.
- 3 Select a language, if necessary.

- 4 Select Keep the Existing DOS Partition or Create a New DOS Partition (with the size of your choice).

**WARNING:** Creating a new DOS partition will remove all existing data. If you want to keep the data on your existing server, select Keep the Existing DOS Partition.

- 5 Select the Installation type.

- ♦ Standard Installation—use to quickly install your first Novell Small Business Suite 5.1 server or to upgrade a server that meets the system requirements.

In this installation, you must select a time zone and enter a name for your NDS organization. You might need to select a language. You can accept the defaults or change the name of your server and NDS tree, the size of volume SYS, the name of one additional traditional volume (you can create more volumes immediately after the installation if desired), and the User object with administrative rights.

All Novell products in the Novell Small Business Suite 5.1 release are installed (see the list in *Installation and Administration* manual), with the exception of News Server and WebSphere. If needed, you can install these products later.

- ♦ Advanced Installation—only use to perform installations or upgrades that require customizing, such as installing a server into an existing NDS tree or creating NSS volumes. Performing this installation requires advanced knowledge of NDS, hardware configurations, and all installation choices and their effects. For more information on procedures and choices, see the NetWare 5.1 online documentation on the *Online Documentation* CD or on the [Web \(http://www.novell.com/documentation/lg/nw51/docui/index.html\)](http://www.novell.com/documentation/lg/nw51/docui/index.html).
- ♦ If a previous NetWare partition is detected, you are given a choice to Upgrade the Existing Server or Install a New Server. Note the following before making your choice:

If your server meets the system and software requirements, you can upgrade your server.

If your server does not meet the system and software requirements, you should cancel the installation and determine your options. See Novell Small Business Suite 5.1 *Installation and Administration*.

**IMPORTANT:** If you select Install a New Server, all the existing data on your server will be deleted and you will not be able to upgrade your server.

- 6 Follow the remaining on-screen prompts to complete the server installation.

The last screen of the installation contains the message:

To complete the installation, remove any diskettes/CDs and restart the computer now. Restart your computer now?

At this point you can choose to view the Readme, view the server log file, or answer Yes or No to the “Restart Your Computer now” question.

If you select Yes, the computer will reboot, and the server will start automatically. If you select No, you must manually shut down the server, and reboot the server; the server will start automatically when the reboot is complete.

## Set Up a Workstation for Administration

**Prerequisites:** The server should be installed or upgraded and running. In order to use the utilities required for setting up and managing the network, the workstation the administrator uses must be a Windows\* 95/98, Windows NT\*, or Windows 2000 workstation with a network board installed and a working CD-ROM drive.

- 1 Boot the workstation.
- 2 Insert the *Novell Client* CD into the CD-ROM drive, select the language, and run the applicable Novell Client™ installation.
- 3 Log in to the server as a user with administrative rights (default is user Admin) with the default password of “admin” or whatever you have changed the password to.

**HINT:** This is the user that was created during the installation.

## Complete the Network Setup Tasks

### USING QUICK SETUP TASKS

**Prerequisite:** Before running Quick Setup Tasks in Novell Easy Administration Tool™ (NEAT), make sure that the setup of the administrator’s workstation is complete. For prerequisites and additional setup instructions, see the Novell Small Business Suite *Setting Up a Workstation for Administration* in the Novell Small Business Suite *Installation and Administration* manual.

- 1 From the workstation, log in to the server as the user with administrative rights.

**2** From the Quick Setup Tasks screen, complete the following tasks as needed.

**NOTE:** The Quick Setup Tasks screen in NEAT should run automatically the first time you log in to the server as the user with administrative rights. If it doesn't, double-click SYS:PUBLIC\NEAT32.EXE. Click Tasks > Show Quick Setup Tasks.

- ◆ Set up groups—Instructions are in the online help.
- ◆ Set up users—Instructions are in the online help.
- ◆ Set up printing—additional setup is required. For prerequisites and setup instructions, see “[Setting Up Network Printing](#)” in the Novell Small Business Suite *Installation and Administration* manual.
- ◆ Set up Internet access—optional and additional setup is required. For prerequisites and setup instructions, see “[Setting Up Internet Access](#)” in the Novell Small Business Suite *Installation and Administration* manual.
- ◆ Set up the GroupWise system—optional and can only be run one time. For prerequisites and setup instructions, see “[Setting Up E-Mail](#)” in the Novell Small Business Suite *Installation and Administration* manual.

### **USING SOFTWARE DISTRIBUTOR**

Links in the Windows Start > Novell SB are available to get you started with installing and managing many of the products included in the Novell Small Business Suite.

Software Distributor can also be used to quickly copy application files to the server and distribute them to the workstations.

## **Set Up Client Workstations**

**1** Install the Novell Client software.

- ◆ For Windows 3.1x, Windows 95/98, or Windows NT/2000 computers, insert the *Novell Client* CD, select the language, select a platform, and run the applicable Novell Client installation. For additional information about which installation type to choose, see “[Installing Novell Client Software](#)” in the Novell Small Business Suite *Installation and Administration* manual.
- ◆ For Macintosh\* or OS/2\* computers, obtain and install the applicable client software. Information for downloading software for these clients can be found on the [Web \(http://www.novell.com/download\)](http://www.novell.com/download).

- 2 (Optional) Set up the GroupWise Client at each workstation by running Start > Applications > Install GroupWise at each workstation. Before you perform this step, GroupWise must be set up on the server, and the Novell Client software must be set up on the workstation.

**NOTE:** If the workstation was logged in to the server before GroupWise was set up on the server, the Applications > Install GroupWise menu will not be available from the start menu. Reboot the workstation and log in to the server again, or refresh the Application Explorer icon on the Windows system tray.

- 3 Install other applications on each workstation. You can do this manually, by using the Integrate Applications task in NEAT, or by using the application icon delivered through ZENworks™ Starter Pack.

## Set Up Network Directories and File System (Optional)

If desired, set up specific directories for applications or database files. This can help you manage access to the applications and files if needed.

## Install Novell and Partner Solutions (Optional)

- ◆ Insert the applicable solution CD-ROM and follow the on-screen prompts.
- ◆ For additional information about each product, prerequisites, and installation instructions, see the PARTNERS.PDF file located at the root of the *Novell and Partner Solutions* CD.
- ◆ For additional integration and optimization information for Novell products, see the [Novell online documentation on the Web \(http://www.novell.com/documentation\)](http://www.novell.com/documentation). Click Novell Small Business > Novell Small Business Suite 5.1.