VERSION 5.1

Getting Started with Novell and Partner Solutions

Novell® Small Business Suite 5.1 includes an exciting array of products from several different companies, all of which are designed to help businesses and their employees be more productive and effective in today's fast-paced, competitive environments.

The following products are included in this release:

- Novell BorderManager**TM** Enterprise Edition 3.5 Firewall (with Caching/Proxy Services)—on the Novell and Partner Solutions CD

- Tobit FaxWare—on the Tobit FaxWare* CD

- Network Associates NetShield* for NetWare—on the Novell and Partner Solutions CD

- Network Associates VirusScan*—on the Novell and Partner Solutions CD

- Network Associates SecureCast—on the Novell and Partner Solutions CD

- Novell Net Services—on the Novell and Partner Solutions CD

- IBM WebSphere Studio 3.0—available for download from the Novell Developer Kit on the Web (http://developer.novell.com/ndk/wsstudio.htm)

- FatPipe Internet—installed automatically with Novell Small Business Suite 5.1

- Oracle8i—on the Oracle8* Server and Client CDs

Novell®

Novell BorderManager Enterprise Edition 3.5 Firewall Services (with Caching/Proxy Services)

BASIC FEATURES

BorderManager Firewall Services (with Caching/Proxy Services) combines an Internet proxy, a Web caching facility, and the NDS$^{®}$ software to provide Web access from within a firewall. Caching/Proxy Services has the following benefits:

- Reduces WAN traffic to the Internet and on the primary Web server by providing local LAN access to cached information. Caching/Proxy Services also reduces the load on Web Internet servers and increases Internet and intranet performance.

- Uses a single protocol on the LAN (for HTTP proxy only). Users do not need to have separate clients because HTTP is used to communicate with a proxy server. The proxy server uses the appropriate protocol—FTP, Gopher, etc.—for HTTP requests to access documents from the network.

- Improves intranet security by hiding the local network from the Internet. Private network domain names and addresses are hidden and all requests are sent through a single gateway. This applies to forward proxy only. Reverse proxy is used to hide the origin host from the client or local network.

- Enhances intranet security with access control and content filtering.

- Reduces the disk space requirements for retrieved information on client workstations and reduces the load on Web Internet servers.

- Distributes LAN client requests across multiple proxy servers—for example, FTP requests on one server and HTTP requests on another server.

- Enables document access even when the Internet or intranet Web server is down or inaccessible, if the document is already cached by the proxy server and Time-To-Live is not expired.

- Undeletes and serves if the origin server is down.

- Provides a single point of NDS-based administration.

- Logs and filters client transactions.

These benefits apply to both Internet and intranet Web sites. Because Caching/Proxy Services supports open Internet standards, it can be used with Novell intranet and Internet products, as well as with other vendors' browsers and Web servers.

INSTRUCTIONS FOR GETTING STARTED

You can install BorderManager several ways. One procedure follows:

1 If the INETCFG program is open at the server console, make sure it is closed before starting Novell Internet Connection Expert (NICE).

2 Run NICE to set up Internet access. For complete instructions, see Setting Up Internet Access in *Installation and Administration*.

3 Insert the *Novell and Partner Solutions* CD into the server's CD-ROM drive.

4 At the server console, toggle to the X Server—Graphical Console screen.

5 Click Novell > Install.

6 On the Installed Products screen, click Add.

7 Click the browse button next to the path field.

8 Select NSBSPARTNER and then PRODUCT.INI.

9 Click OK > OK > Next.

10 At the license agreement screen, review the agreement and then click Accept to accept the agreement and proceed with the installation.

11 Insert the *Novell Small Business Suite 5.1 License/Cryptrography* diskette into your server's 3.5-inch diskette drive. If necessary, change to the diskette drive.

12 Make sure the BorderManager FireWall/Caching Services check box is checked, and uncheck the BorderManager VPN Service and Border Manager Authentication Services check boxes.

13 Click Next.

14 In the NDS Authentication dialog, log in to the server as a user with administrative rights.

15 Follow the on-screen prompts to complete the installation.

For additional information about the configuration choices, see the online help or the online documentation on the *Online Documentation* CD or on the Web (http://www.novell.com/documentation/lg/bmee3.5/docui/index.html).

If you are asked to replace an existing file with an older version during the file copy, select Never Overwrite Newer Files and click OK.

When the installation is finished, remove the *License/Cryptography* diskette from the disk drive before rebooting the server.

16 When the server installation is complete and the server has been restarted, log in to the server from a workstation as a user with administrative rights and run SYS:\PUBLIC\BRDRMGR\SNAPINS\SETUP.EXE to install the BorderManager snap-ins for NetWare Adminstrator.

Then you can double-click the server icon in NetWare Administrator to access the BorderManager configuration pages and screens.

A full license for BorderManager Enterprise Edition 3.5 Firewall Services (with Caching and Proxy Services) is included on the *License/Cryptography* diskette. All other Novell BorderManager Enterprise Edition 3.5 components have a 60-day license trial included on the *Novell and Partners Solutions* CD.

To access the 60-day trial licenses during the installation, select the FILE:/// NSBSPARTNER:\LICENSE directory from the pull-down menu during the license selection process.

If you want full licenses for additional BorderManager components, contact a Novell Authorized Reseller**SM** representative.

FOR MORE INFORMATION

For more information about Novell BorderManager Enterprise Edition 3.5, see the online documentation on the *Online Documentation* CD or on the Web (http://www.novell.com/documentation/lg/bmee3.5/docui/index.html).

Tobit FaxWare 6.0

BASIC FEATURES

- Real client/server application

- Up to 250 ports per server

- Server modules for Novell Client**TM** software, Windows* 3.1, Workgroups for Windows, Windows 95, and Windows NT* 3.51 and 4.0

- Fax create-hold, delayed transmission, and send features

- Fax receive-automatic file, management, and notification features

- Complete internal e-mail system

- Documentation support

INSTRUCTIONS FOR GETTING STARTED

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

2 Read and follow the installation instructions provided in *FaxWare for Novell Small Business Suite*.

FOR MORE INFORMATION

Access the complete Tobit online documentation in the DOC directory of the Tobit FaxWare CD, or see the online documentation on the Web (http://www.nsbs.tobit.com).

Network Associates VirusScan and NetShield for NetWare

VirusScan and NetShield for NetWare are two virus protection programs designed by Network Associates to help ensure that your workstation and file server software and data are protected from virus attacks.

With 300 new viruses being created each month, it is important that you update your virus "signature" or .DAT files regularly from Network Associates. Your antivirus software is only as valuable as it is current.

BASIC FEATURES

VirusScan provides desktop protection with a wide array of scanning features designed to keep your system clean and virus-free. VirusScan detects viruses regardless of their original source (floppy disks, Internet downloads, e-mail attachments, etc.).

NetShield for NetWare provides enhanced virus protection for file servers.

Both VirusScan and NetShield for NetWare provide:

- Automated protection

- Automated repair

- Easy administration

INSTRUCTIONS FOR GETTING STARTED

1 Log in to the NetWare network as user with administrative rights.

2 Insert the *Novell and Partner Solutions* CD into the CD-ROM drive of the workstation.

3 Click Network Associates NetShield for NetWare or Network Associates VirusScan, then follow the on-screen prompts.

FOR MORE INFORMATION

For more information about Network Associates VirusScan or NetShield for NetWare, see the product site on the Web (http://www.nai.com).

Network Associates SecureCast

BASIC FEATURES

Network Associates SecureCast is the software utility by which Novell Small Business Suite 5.1 administrators can automatically receive virus pattern updates over the Internet for Network Associates VirusScan and NetShield for NetWare.

By using the latest SecureCast technology, administrators can initiate the push of Network Associates updates automatically via the Internet and download the latest virus pattern files for both the server and client.

INSTRUCTIONS FOR GETTING STARTED

Install Network Associates SecureCast after you have installed Network Associates NetShield for NetWare. This will copy software to the server and set up program icons to be used by the system administrator.

1 Log in to the NetWare network as a user with administrative rights.

2 Insert the *Novell and Partner Solutions* CD into the CD-ROM drive of the workstation.

3 Click Network Associates SecureCast, then follow the on-screen prompts.

FOR MORE INFORMATION

For more information about SecureCast, see the Network Associates Web site (http://www.nai.com./products/securecast/securecast.asp).

For technical support information from Network Associates, see the support site on the Web (http://www.nai.com/services/support).

Novell Net Services

BASIC FEATURES

Novell Small Business Suite 5.1 includes the core networking solutions to help small and growing businesses simplify and accelerate their transformation to e-business, to create one Net—a secure and efficient foundation for conducting business inside, outside, and between organizations.

FOR MORE INFORMATION

Novell is making one Net a reality with its Net services software and advanced framework for deploying directory-enabled solutions that allow organizations to build e-relationships among employees, customers, and business partners. Find out more about these services and solutions on the Web (http://www.novell.com/customers/smallbusiness).

IBM WebSphere Studio 3.0

BASIC FEATURES

IBM* WebSphere* Studio provides an easy-to-use toolset that can reduce time and effort when creating, managing, and debugging multiplatform Web applications. The industry's first visual layout tool for dynamic Web pages using JSPs, full HTML, JavaScript* and DHTML support, wizards for generating database-driven pages, and automatic update and correction of links when content changes make Studio a best-of-breed tool. WebSphere Studio provides local and remote debugging with the industry's first JSP debugger. And customers can use their favorite content creation tools from within WebSphere Studio.

- Graphical display of all links between files in a project

- Automatic update of links whenever files change or move

- Registration of your favorite tools for editing

- A built-in Page Designer to visually create and edit HTML and JSP files

- Wizards that jump-start the creation of dynamic pages using databases and JavaBeans*

- Staging and publishing to different (and to multiple) servers

- Integration with popular source control management software

- Companion tools that round out your Web development toolkit:

    - Applet Designer, a visual authoring tool for building Java* applets

    - WebArt Designer, a tool for creating masthead images, buttons, and other graphics for your pages

    - AnimatedGif Designer, for assembling GIF animations

INSTRUCTIONS FOR GETTING STARTED

1 Download the software from the Web (http://developer.novell.com/ndk/wsstudio.htm) to a local directory on your workstation.

2 Open the WSSTUDIO.ZIP file.

3 Read and follow the installation instructions in the applicable README_*XX*.TXT file. The *XX* represents the language you want to view.

FOR MORE INFORMATION

For usage instructions, see the online documentation on the Web (http://www-4.ibm.com/software/webservers/studio/doc/guide/en/html/2tabcontents.html).

FatPipe Internet

BASIC FEATURES

FatPipe Internet is routing software that enables several computers on a LAN to share multiple dial-up connections. Utilizing multiple modems over multiple telephone and other high-speed connections, FatPipe Internet software automatically and transparently coordinates and controls rapid data flow, boosting normal Internet access speeds by two to four times the speed of traditional single-line connections for all workstations on the LAN.

- Ease of installation and use

- Support for up to four simultaneous communication lines for NetWare 4 or later

- High-speed remote Internet/intranet access

- Supports modem-based compression

- Protocols supported: HTTP 1.0/1.1, PPP, TCP/IP, UDP, PAP, and CHAP

- Applications supported: Web browsers, e-mail, FTP, news, chat, etc.

FatPipe Internet technology utilizes the current telephone infrastructure to create high-speed data communication links for virtually any workstation. All you need is to install Novell Small Business Suite 5.1, enable FatPipe when you set up your Internet connection, and ensure the server has multiple dialing capabilities. FatPipe Internet works with any standard modem technology. The software does not require any setup change or special configuration at your ISP.

In addition to offering higher speed at a lower cost for all workstations on your LAN compared to existing connection-sharing solutions, FatPipe Internet requires only minimal technical setup and support for successful operation. It is a highly flexible product that works integrally, yet independently, from other technologies.

When NetWare 5.1 Support Pack 2 is released, these features can be enabled. See TID 10052938 for any updates prior to NetWare 5.1 Support Pack 2.

Lite Version

The Lite version of FatPipe software for NetWare allows users to dial out on two lines to the Internet from the server for a 2X speed connection to the Internet. The basic features include:

- Two-line connection to the Internet

- Configuration and management from the administrator's workstation

- Speed meter

- Speed chart

- Auto-dial

- Auto-hangup on inactivity

- Persistent connection

Full Version

The full version of the FatPipe Internet software is also available on your server.

The full version of the software has enhanced security features attractive to small business customers. This software allows you to manage Internet access rights for individual users and includes features for productivity enhancement with the following benefits:

- Four-line connection to the Internet

- Configuration and management from the administrator's workstation

- Management of user Internet access rights

- A Web log that provides a log of all the Web sites visited by individual users

- Speed meter

- Speed chart

- Auto-dial

- Auto-hangup on inactivity

- Persistent connection

- Bandwidth on demand for optimized utilization of phone lines

To purchase a license for the full version of the software, contact FatPipe Software by Ragula Systems:

- Web: http://www.fatpipeinc.com

- E-mail: sales@fatpipeinc.com

- Telephone: 1-800-724-8521

To activate the full license:

1 Run SYS:\PUBLIC\WIN32\RSDIAL.EXE of your Lite version.

2 Click Config > License.

3 Enter the new license number.

INSTRUCTIONS FOR GETTING STARTED

Novell Small Business Suite 5.1 ships with a Lite version of FatPipe Internet software. The FatPipe Internet software is automatically installed when you install NetWare. When you set up each modem through Novell Internet Connection Expert, check the Enable FatPipe check box.

Additional system requirements, workstation configuration, and upgrade instructions are described in SYS:\PUBLIC\RSDIAL.HLP.

FOR MORE INFORMATION

You can obtain 24-hour electronic technical support for FatPipe Internet, version 1.00, from Ragula, Inc., on the Web (http://www.fatpipeinc.com). This site contains a list of Frequently Asked Technical Questions and an electronic e-mail form for submitting technical support questions. You can also contact Ragula, Inc., for support information using any of the following methods:

- Web: http://www.fatpipeinc.com

- E-mail: support@fatpipeinc.com

- FAX: 1-801-281-0317

- Telephone:1-801-281-3434 (8:00 a.m. to 5:00 p.m., MT)

If you require technical support, Ragula can answer your questions more effectively if you have the following information available:

- Your system configuration: operating system version, network software or configuration, RAM, etc.

- Details about your modems: configuration and connection information

- Details of the problem

- For the Lite version of the FatPipe Internet software, technical support by phone is provided at a nominal charge on a per incident basis. For the full version of the software, technical support by phone is provided free for 30 days from the date of purchase and at a nominal charge on a per-incident basis thereafter.

Oracle8

BASIC FEATURES

- Partitioned tables and indexes for easier database management

- Improved data warehousing features to make data management faster and easier

- Easy-to-use management commands for database administration

- Support for databases as large as hundreds of terabytes

- Support of very large user populations

- Advanced queuing to support deferred transaction processing

- Extended backup and recovery functionality

- Better security administration

- Special design to handle increasingly complex database schemas and applications

INSTRUCTIONS FOR GETTING STARTED

Oracle8i Data Server and Oracle WebDB

The complete installation instructions for Oracle8i* Data Server and Oracle* WebDB are included on the CD. To locate these instructions, complete the following:

1 Insert the Oracle8i for NetWare CD into the CD-ROM drive of the workstation. An overview statement about what you purchaced and a statement about viewing the Oracle Program License Agreement will be launched in a browser window.

If the license agreement does not automatically launch, run STARTME.HTM on the Oracle8i for NetWare CD.

2 Click View Agreement. If you agree with the Export Restriction terms, click I Accept the Export Restrictions.

3 Read the Oracle Program License. If you agree with the terms of the license, click I Accept. From here you can read information regarding the programs included on this CD.

4 Click the appropriate link for the type of installation you are performing.

5 Read and follow the instructions for the applicable installation you are performing.

6 Repeat Step 4 and Step 5 for each installation type.

Oracle8i Client
Refer to the README.TXT file on the Oracle8i Client CD for product and installation information.

FOR MORE INFORMATION
For information about Oracle8i, see the Oracle Web site (http://www.oracle.com/).