Novell

Open Workgroup Suite – Small Business Edition

QUICK START GUIDE

September2007

v1.5

Introduction

This Quick Start explains how to install the Novell® Open Workgroup Suite software on a server. For more complete planning, installation, and administration information, see http://www.novell.com/documentation/nows/.

You install the software on a physical or virtual server and configure the installation from a workstation and a Web browser. You need to make sure that your server is plugged into a network with a DHCP server installed. You also need to have an Internet connection available to use.

Requirements

To complete the installation, you need to have a server where you can install a new operating system, a workstation, and a browser.

Server Requirements (*based on OES requirements*)

System Components	Minimum Requirements	Recommended Requirements
Server	Server-class computer with Pentium*II or AMD* K7 450 Mhz processor	Server-class computer with Pentium III, Pentium III Xeon*, Pentium 4, Intel* Xeon 700 Mhz, AMD K8 CPUs (Athlon64 and Opteron*), Intel EM64T or higher processor
Memory	512 MB of RAM	1 GB of RAM
Free Disk Space	6 GB of available, unpartitioned disk space	10 GB of available, unpartitioned disk space. Addition disk space might be required, depending on which OES components are selected and how they are used.

Desktop Operating System & Browser Requirements

| Desktop Operating System	Browser #1	Browser #2
Windows* 98	Internet Explorer 7 or higher	N/A
Windows 2000	Internet Explorer 7 or higher	Mozilla* Firefox* 1.5 or higher
Windows XP	Internet Explorer 7 or higher	Mozilla Firefox 1.5 or higher
Windows Vista*	Internet Explorer 7 or higher	Mozilla Firefox 1.5 or higher
SUSE® Linux Desktop (SLED) 10	Mozilla Firefox	N/A
Mac OS* X	Mozilla Firefox for Macintosh* 2.0.x	N/A

Getting Started

Verify that you have one disk with the NOWS installation files, or download the installation ISO from http://www.download.novell.com The download is 5 GB and might take a moment to complete. After you have downloaded the software, or have the physical disk, go to your server to begin the installation.

If you are using a VMware* session instead of a physical server, make sure to designate the boot sequence to boot from the CD-ROM.

Begin Installation

1. Insert the disk in the CD-ROM of the designated server.

2. Boot up the server.

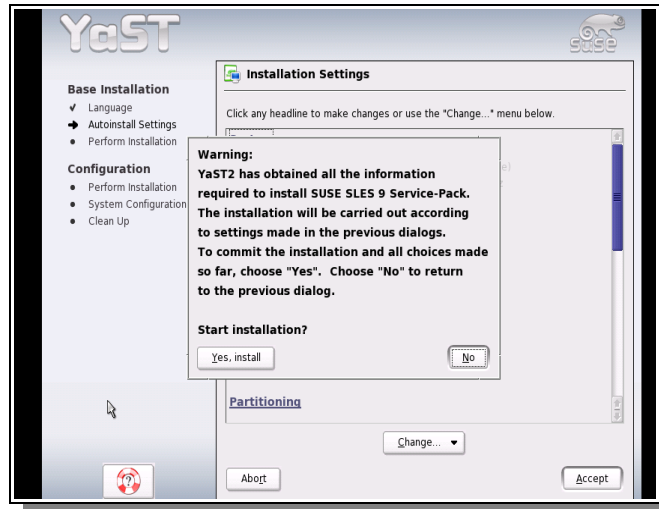3. You should be presented with the installation splash screen:
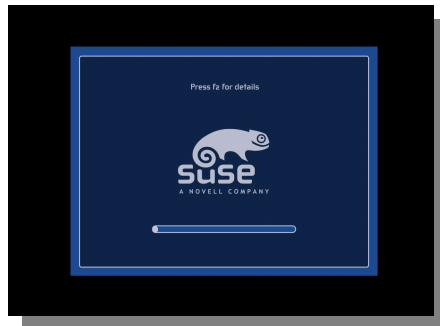
4. After the initial files have been loaded on the system, you are prompted to set up the initial configuration of your server. If you choose to accept the defaults, then just click the *Accept* button in the lower right corner of the window. If you choose to change any of the settings, click the button labeled *Change* and choose the setting you want to modify. Repeat this task until all changes have been completed. After you are satisfied with your changes, click the *Accept* button in lower right corner of the Installation Settings main window.

> **Note:** Do not change the configurations on the *Software* settings. Doing so will cause your install to fail.

5. When you click *Accept*, you are presented with a dialog box verifying that the settings you have chosen are correct and asking whether you want to commit those changes. If the settings are correct, click the *Yes, install* button; otherwise, click *No* and make the appropriate changes.

6. Congratulations! You have now completed the base installation of the server. You are presented with an IP address at the server prompt so you can move to the browser-based portion of the installation and configuration.

NOTE: If you receive an IP address of https://127.0.0.1:8181, or https://:8181 instead of a valid IP address, this means that DHCP is not functioning. Complete the following to fix it:

1. Verify that you are connected to the network with your DHCP server.

2. Log in as root without a password at the command line.

3. Enter the following command:
   /etc/init.d/network restart

Web Installation and Configuration

The rest of the installation process is completed from a Web browser. Refer to the Requirements section of this document for supported browsers.

1. Type the link supplied at the end of your server installation in your Web browser and press Enter to bring up the first page of the Web installation. Be sure to enter the IP address just as it is listed on your installation screen.

2. The first page you are presented with is the End User License Agreement (EULA). Read through the agreement and click the *I Agree* button to advance to the next page.
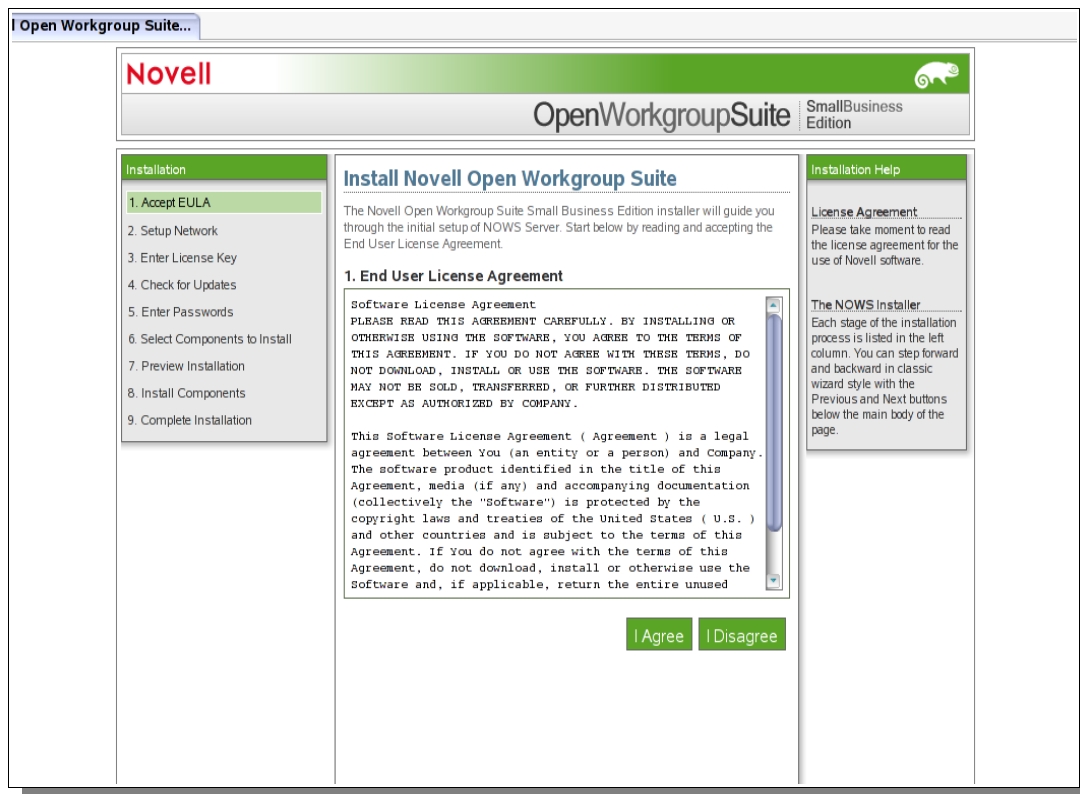
3. The next page is where you set up the network settings for your NOWS server. The *IP address* should be the one pulled over from the initial setup of your server operating system. Verify that this is accurate. The *Netmask* and *Gateway* should be changed to match that of your network. The *DNS* entry should be the IP address of your DNS server. The *Host* should be the name you want to name your server. Keep in mind that you should not include special characters in the name of your server. The *Domain* should match the name of your Internet domain name. After you have entered the pertinent information, click the *Next* button to continue. This takes a moment to set up.

4. After your network settings have been committed, you are advanced to the License Key page. Enter the license key that was provided to you.

5. The next step is to check for updates to the system and components. This process goes out to the Internet to check for updates. Make sure you have an active Internet connection for this process. At this time, there should not be any updates to retrieve, but you can do the check if you want. After the check has completed, click the *Next* button to proceed to the next step.
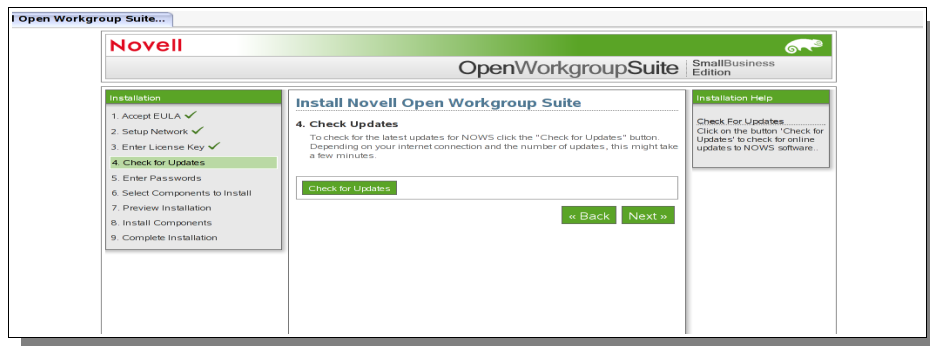
6. The *User Information* page is where you to enter the password information for the administrator login. You have two options on this page. The first is to proceed with the *Basic* setup, where you only enter a password for the NOWS Administrator. If you want to enter a separate password for the server admin, you can click the link labeled *Advanced Mode*. The difference between these two passwords is that the NOWS Administrator password enables you to add, remove, or configure components on your NOWS server from the NOWS Admin GUI. The Server password is what you use to configure or update your server from the console. If you don't choose to make each password different, then the passwords are the same as the NOWS Administrator password you have chosen. Click *Next* to continue.
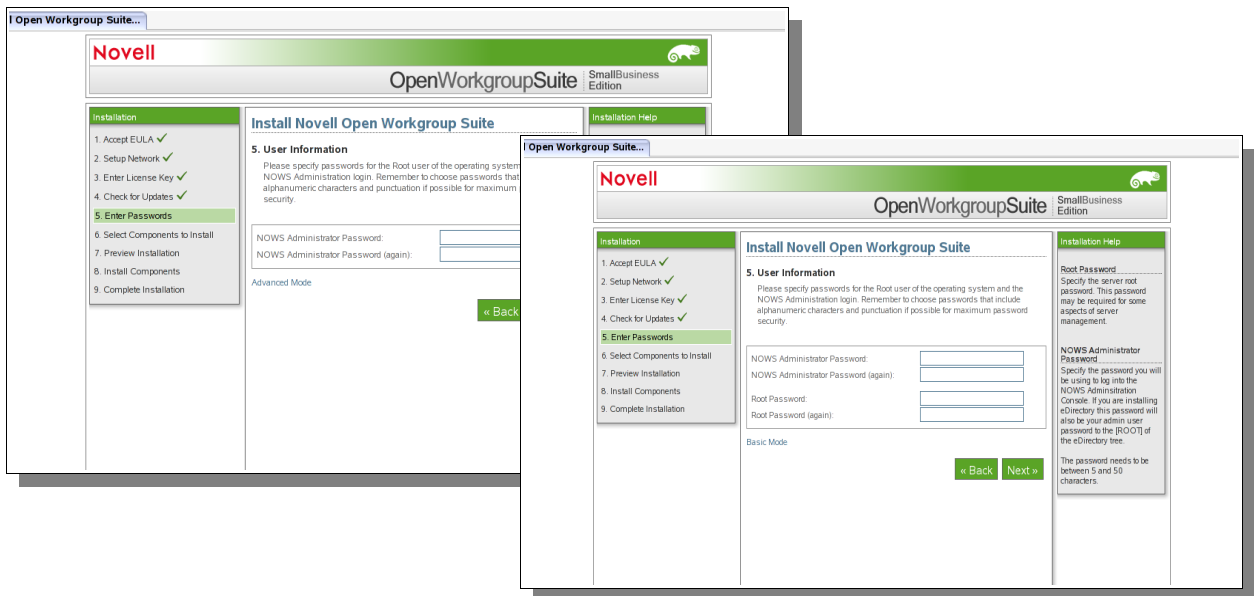
7. You should now be at the *Install Addition Components* page. This section is optional. You can choose to install some, all, or none of the components at this time. If you choose to install none of the components you will have the opportunity to add components from the NOWS Admin GUI later. The components have been grouped together with similar software types for easy location of what you need to install. In fact, to anticipate where you might look for something, we have put some components, such as iFolder, in duplicate locations.
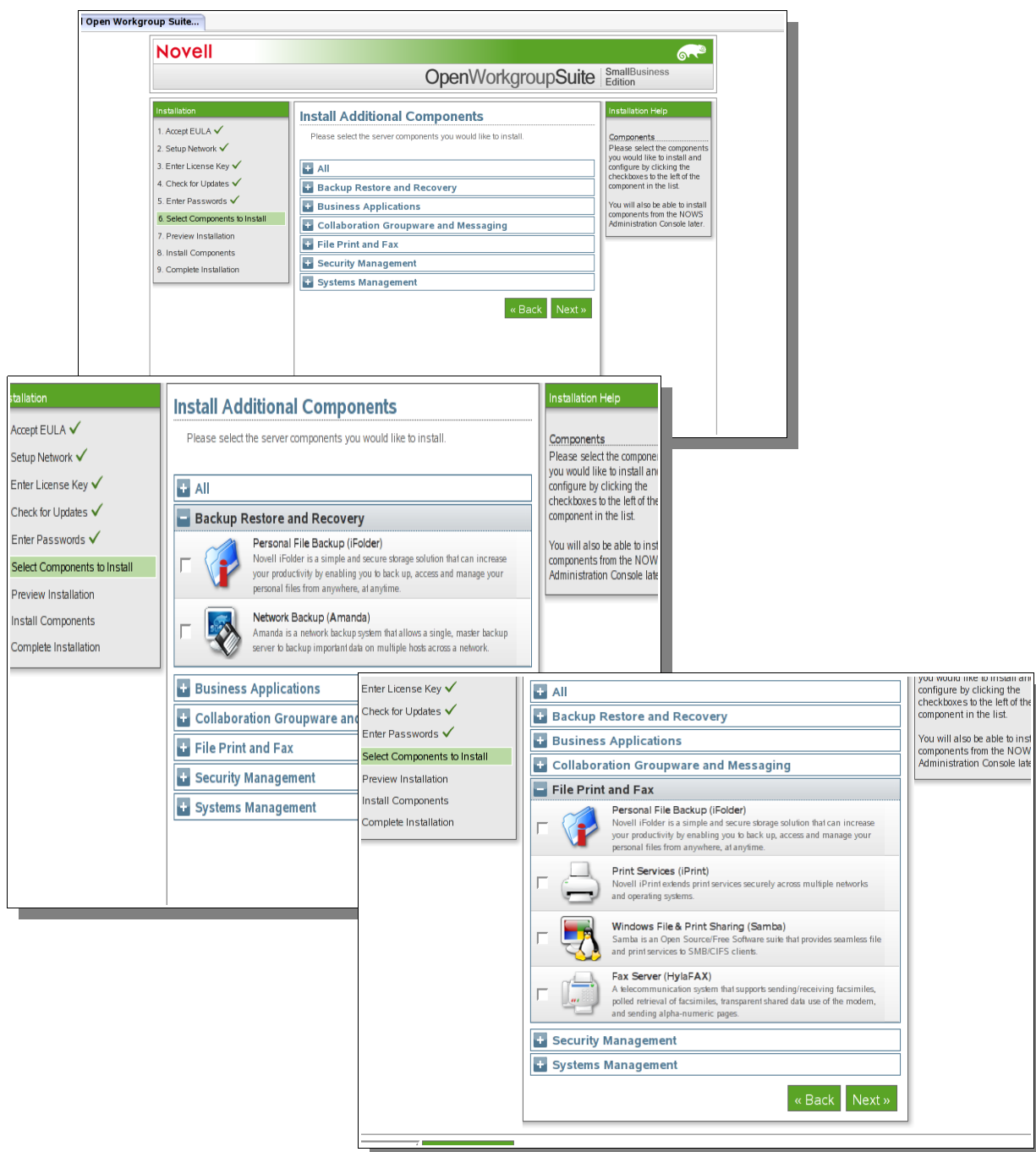
8. For the purposes of this document, assume that you do choose to install any components at this time. Click *Next* at the Install Additional Components page to proceed to the NOWS Administration login. If you need assistance with the component information for installation, you can look up that information in the corresponding component page in this document. The following page displays:
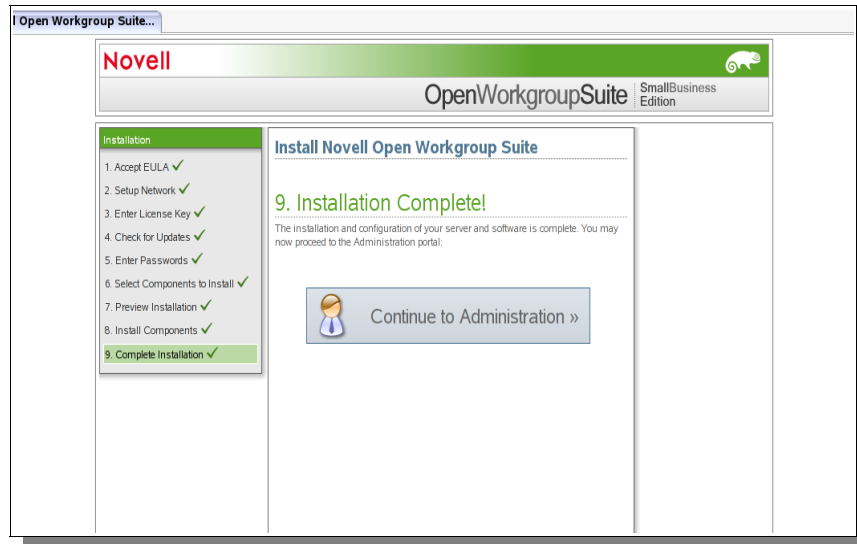
9. Click the *Continue to Administration* button to begin the configuration of your NOWS components.

NOWS Administration – Meet the GUI

Congratulations, you have installed your first NOWS server! Give yourself a pat on the back and begin to think about what components you want to install. Begin by logging into the administration page with the user name of sbsadmin and the password you chose during the installation.
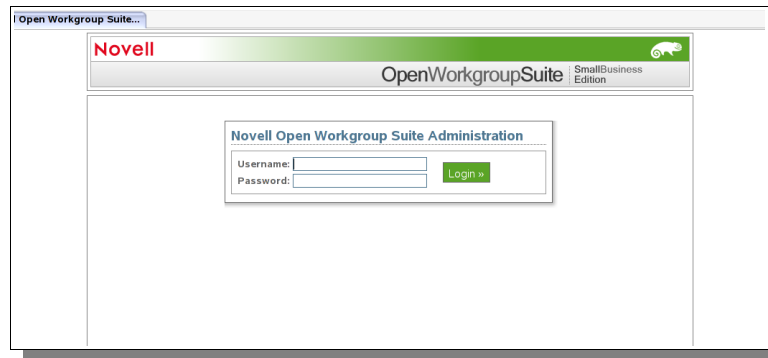
After you click the *Login* button, you are taken to the NOWS administration page. This page gives you the tools to install, uninstall, configure, and update components. In addition, it provides you with Help links to assist you with any questions you might have about your new NOWS server.
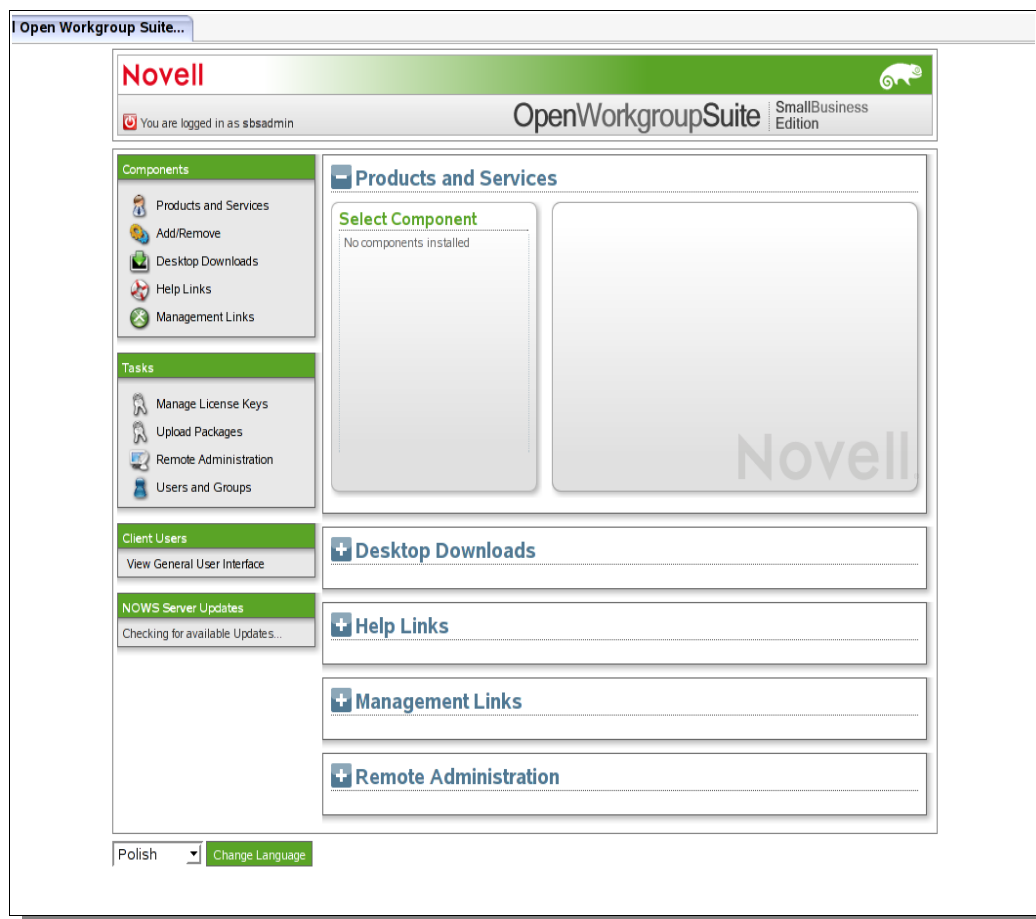
1. To log out, click the red button next to the words 'You are logged in as'. This logs you out of the session and brings you back to the login screen.

2. In the *Components* panel, you have a link to *Products and Services,* which enables you to view what you have installed. The *Add/Remove* link enables you to install and uninstall components. The link for *Desktop Downloads* enables you and your user community to install products and services they will use on their computers, such as collaboration tools and file and print services. *Help Links* are just that, links to documentation to assist you with any questions you might have about your NOWS server. Finally, *Management Links* provides access to other management consoles that you use to manage your NOWS environment.
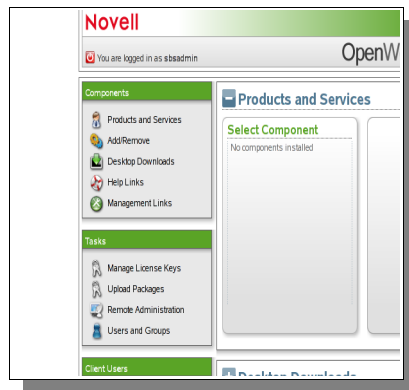
3. From this screen, you can also manage your server, environment, and users. If you grant users access to the NOWS Administration interface with user privileges, they can get needed resources for their desktop computers. The next step is to configure some components.
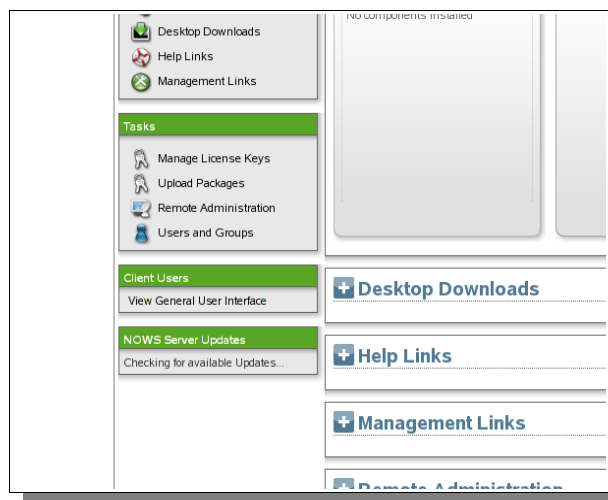
NOWS Components – Backup, Restore,and Recovery

The section lists tools you can use to back up and recover your network files for business security.

Personal File Backup (iFolder)

This component enables users to easily access and save their files to a network location for the administrator to back up on a scheduled basis.

Note: You must have eDirectory^{TM} and iManager installed before installing the iFolder component.

Network Backup (Amanda)

This component enables network administrators to back up their network files to tape for off site or safe storage.

NOWS Components – Business Applications

The business applications give your company a set of tools for word processing, spreadsheets, presentations, and a database creator as well as a network folder to back up your files.

OpenOffice

Easy-to-use tools for word processing, presentations, spreadsheets, and databases.

Personal File Backup (iFolder)

With iFolder, users are able to save to one location for easy backup of files and important documents.

Note: You must have eDirectory and iManager installed before installing the iFolder component.

NOWS Components – Collaboration GroupWare and Messaging

These tools assist your company in collaboration and communication. With e-mail, calendaring, instant messaging, and a networked file structure, your employees never need to worry about staying in touch and finding important documents.

E-Mail and Collaboration (GroupWise)

GroupWise has a set of tools that keep your employees connected to clients and each other. The system comes with e-mail, calendaring, and instant messaging to be set up according to your company needs.

Personal File Backup (iFolder)

With iFolder, users are able to save to one location for easy backup of files and important documents.

Note: You must have eDirectory and iManager installed before installing the iFolder component.

NOWS Components – File, Print, and Fax

This section of components gives your company a full set of tools for network printing and file sharing as well as the ability to send and receive files directly to your desktop.

Personal File Backup (iFolder)

With iFolder, users are able to save to one location for easy backup of files and important documents.

Note: You must have eDirectory and iManager installed before installing the iFolder component.

Print Services (iPrint)

iPrint is a network printing service so everyone can print to a centralized printer or printers. This saves your bottom line, because you won't need to purchase printers for each employee.

Note: You must have eDirectory and iManager installed before installing the iPrint component.

Windows File and Print Sharing (Samba)

Do you currently have your files on Windows servers? No problem. The Samba file and print sharing service for Windows enables you to configure your network with the security of Linux and still be able to access files on your Windows servers.

Note: You must have eDirectory and iManager installed before installing the Samba component.

Fax Server (HylaFAX)

This component gives your company the ability to send and receive faxes on your network. No physical fax machine is needed.

Note: You must have eDirectory installed before installing the HylaFAX component.

NOWS Components – Security Management

The following components give your network a layer of security against viruses, spam, and unwanted intruders. You also receive a component to securely connect to your network when you can't be in the office.

Anti-Virus (ClamAV)

Anti-virus software that scans your network and your e-mail to secure you against viruses.

Note: You cannot install the CLAMAV component on which the GroupWise component is installed.

VPN Server (OpenVPN)

Remote Access software to let you securely connect to your company files when you are away from the office.

Note: You must install the IPTables component before installing OpenVPN.

Firewall (IPTables)

A fully configurable firewall service to keep out unwanted traffic and intruders.

NOWS Components – Systems Management

These components assist you with managing your network and your desktops. They also include a Helpdesk component to initiate and track trouble tickets.

Dynamic Local User (PGINA)

Do you have Windows desktops? No problem. With the Dynamic Local User component, you can synchronize the Novell Client with the Windows client so that login is seamless to your users.

Note: You must install eDirectory before you can install PGINA.

Directory Services (eDirectory)

This is the core of all rights and privileges in your NOWS network.

Helpdesk

This component helps your administrators track calls and gives your end users the ability to submit trouble tickets without picking up the phone.

Note: You must install eDirectory before you can install Helpdesk.

Management Tools (iManager)

This is a role-based tool for network and systems management in your environment.

Note: You must install eDirectory before you can install iManager.

Anti-Virus (ClamAV)

Anti-virus software to guard against malicious attacks via e-mail or other means.

Note: You cannot install ClamAV on the same server on which you have GroupWise installed.

Spam Filter (Mailscanner)

Anti-spam software to guard against malicious attacks via e-mail.

Note: You must install CLAMAV before you can install MailScanner. However, you cannot install MailScanner on the same server on which you have GroupWise installed.

DHCP

Dynamic Host Configuration Protocol (DHCP) enables your server to provide IP addresses as clients need them instead of statically assigning them to the clients.

NOWS Components – Systems Management, continued...

DNS

Dynamic Name Server (DNS) is a service to link a common name to an IP address for easy location and searching of resources over TCP/IP.

VPN Server (OpenVPN)

Remote Access software to let you securely connect to your company files when you are away from the office.

Note: You must install IPTables before you can install OpenVPN.

Remote Desktop (TightVNC)

Gives your administrators the ability to remotely manage and assist end users with questions and tasks.

Firewall (IPTables)

Fully configurable firewall service to keep out unwanted traffic and intruders.