



Windows® Small Business Server 2008

Installation of Windows Small Business Server 2008

Lab Manual

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Installation of Windows Small Business Server 2008

Scenario Contoso, a small business of approximately 25 users/devices, is planning and executing their deployment of Windows® Small Business Server (SBS) 2008. Like many organizations this size, Contoso works with a local value-added provider (VAP) to choose and deploy their server solution.

Contoso has decided to make the switch from a peer-to-peer environment with no centralized file server. The new 64-bit server they ordered has just arrived, and it is time for Steve Masters, the IT administrator, to begin installation.

Objectives This hands-on lab covers the pre-installation checklist, considerations for installation, and a step-by-step walkthrough of the installation process.

Architecture One virtual machine (VM) is used in this lab: the Windows Small Business Server 2008 VM.

Estimated time to complete this lab:
2 hours

Exercise 0: Lab Setup—Prepare the Lab Environment

Overview

In this exercise, you will prepare the host server to run the lab.

You need to be running Windows Server 2008 with the Hyper-V™ role enabled. For information on getting started with Hyper-V, click [here](#).

↙ Task 0: Download the SBS installation ISO image

1. If the SBS installation ISO image did not come with this document, download it from <http://www.microsoft.com/sbs/en/us/trial-software.aspx>.

2. Save the file to the **SBS 2008 RTM Hands-On-Labs** folder.

↙ Task 1: Add a Private virtual network to Hyper-V server

3. On the host server, click **Start > Administrative Tools > Hyper-V Manager**.

4. In the right column, click **Virtual Network Manager**.

5. Select **Private**, and then click **Add**.

6. Name the new virtual network **SBS Network**

7. Ensure that **Private** is selected.

8. Click **OK**.

↙ Task 2: Import virtual machines

1. Under the right column, click **Import Virtual Machine**.

2. Click **Browse**.

3. Locate your **SBS2008 HOL** content folder.

4. Double-click the **SBS2008-Install** folder.

5. Select the **SBS2008- Install** folder, and then click **Select Folder**.

6. Click **Import**.

Exercise 1:

Install the Windows Small Business Server 2008 Operating System

Overview

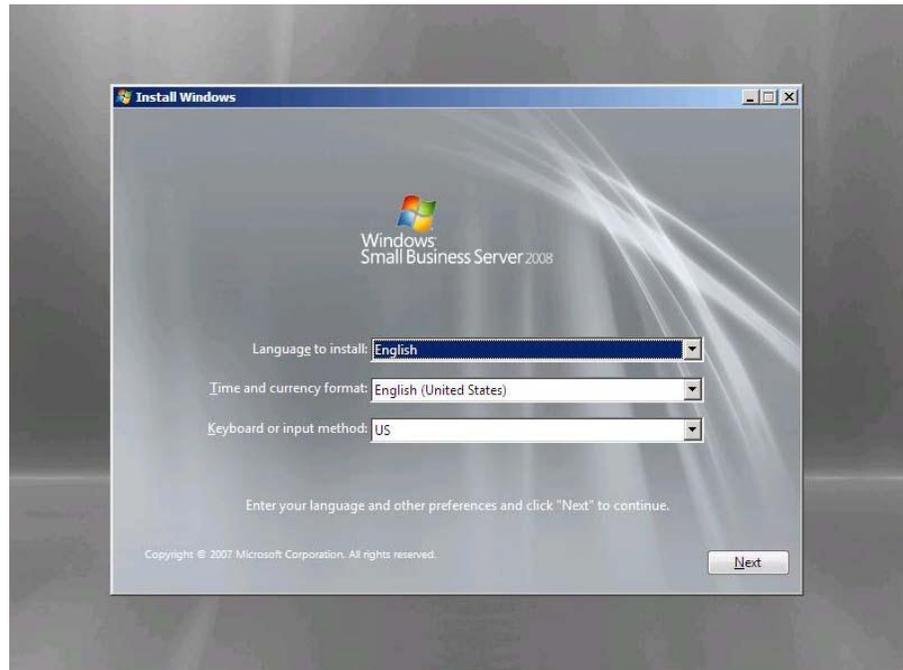
This section provides step-by-step instructions for installing Windows Small Business Server 2008.

✦ **Task 0: Prepare the virtual machines for this exercise**

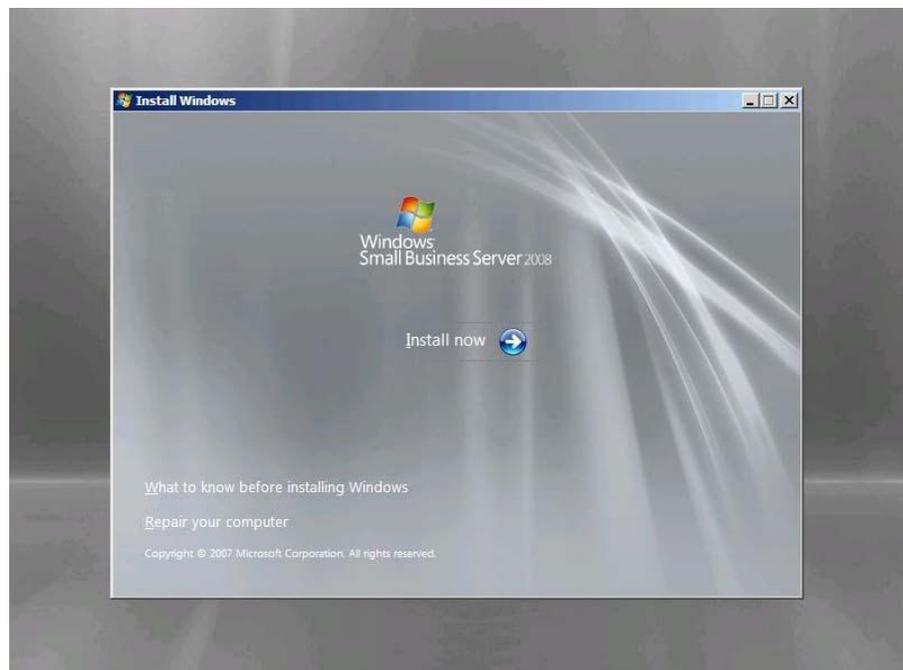
1. From the Hyper-V Manager console, select **SBS2008- Install** and then click **Settings** in the actions menu.
2. Select **DVD Drive** in the left column.
3. Select **Image file:** and then click **Browse**.
4. Navigate to the **SBS 2008 RTM Hands-On-Labs** folder.
5. Select the SBS installation DVD ISO image and then click **Open**.
6. Click **OK**.
7. Click **Start** in the right column.
8. Click **Connect** in the right column. This brings up the console to the virtual machine.

Task 1: Begin operating system installation

1. Leave defaults and click **Next**.

**Figure 1 Language selection page**

2. Click **Install Now**.

**Figure 2 Install now**

3. Leave the product key field blank.
4. Clear **Automatically activate Windows when I'm online**, and then click **Next**.

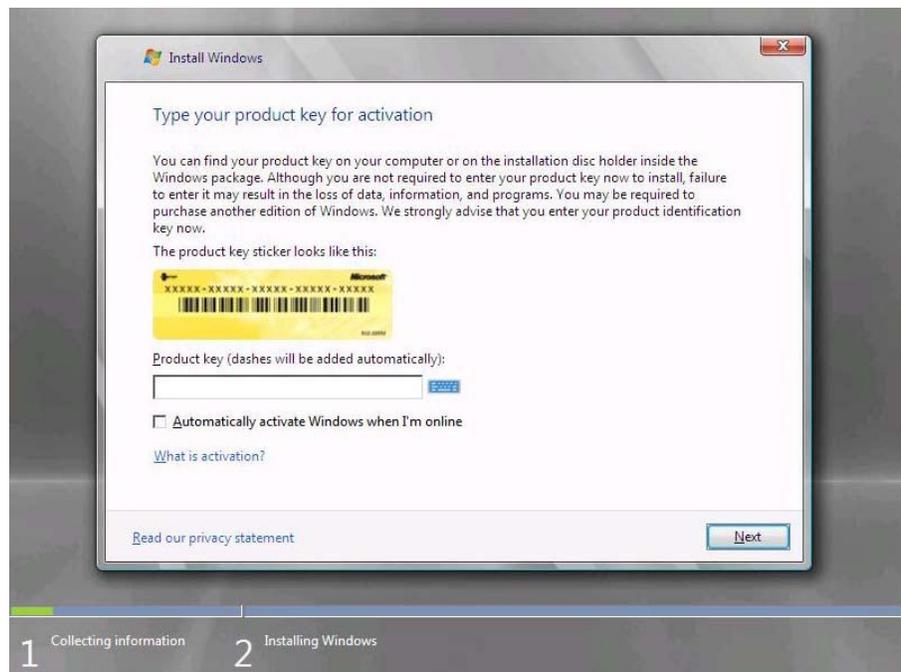


Figure 3 Product key page

5. On the Install Windows dialog, click **No**.

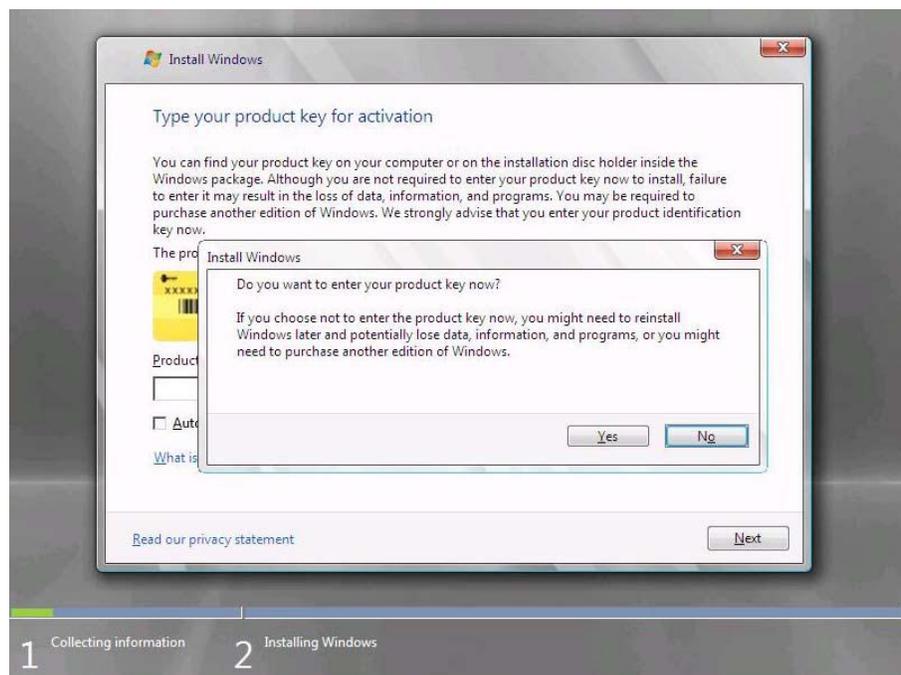


Figure 4 Product key verification page

6. Read the license terms. If you accept them, select the **I accept the license terms** check box, and then click **Next**.



Figure 5 License terms page

Note:

If you do not choose to accept the license terms, setup does not continue.

7. Click **Custom (advanced)**.

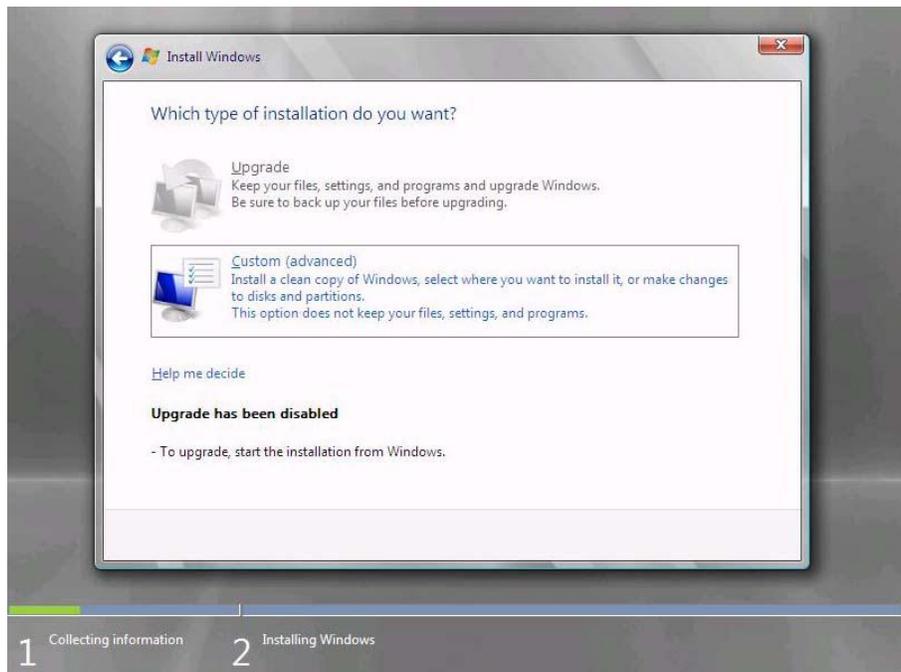


Figure 6 Type of installation page

8. Select the **Disk 0** location and then choose 'Drive Options' using TAB.

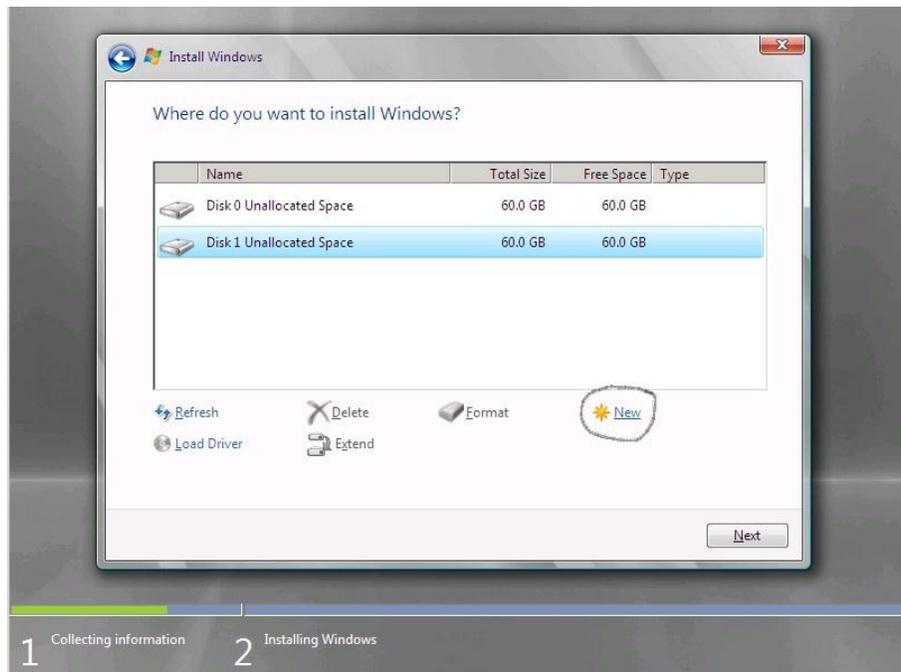


Figure 7 Select Disk 0

9. Using the 'Drive Options' selection – create a drive volume for both Disk 0 and Disk 1 – APPLY to save

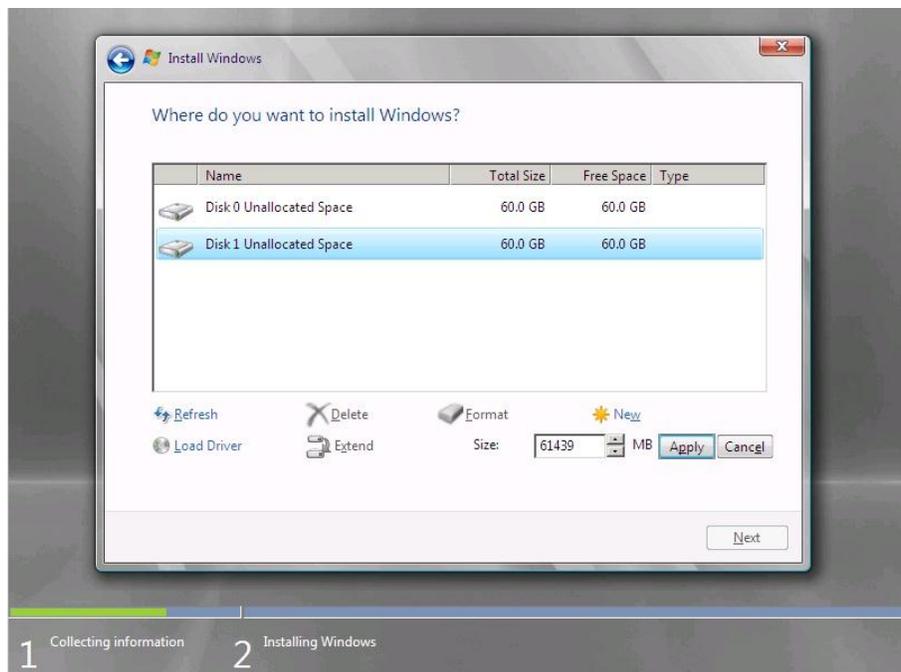


Figure 8 Select partition and create volume

10. Choose the **'FORMAT'** button to create volume on disk 1. Once completed, proceed to install on DISK 0 - **NEXT**

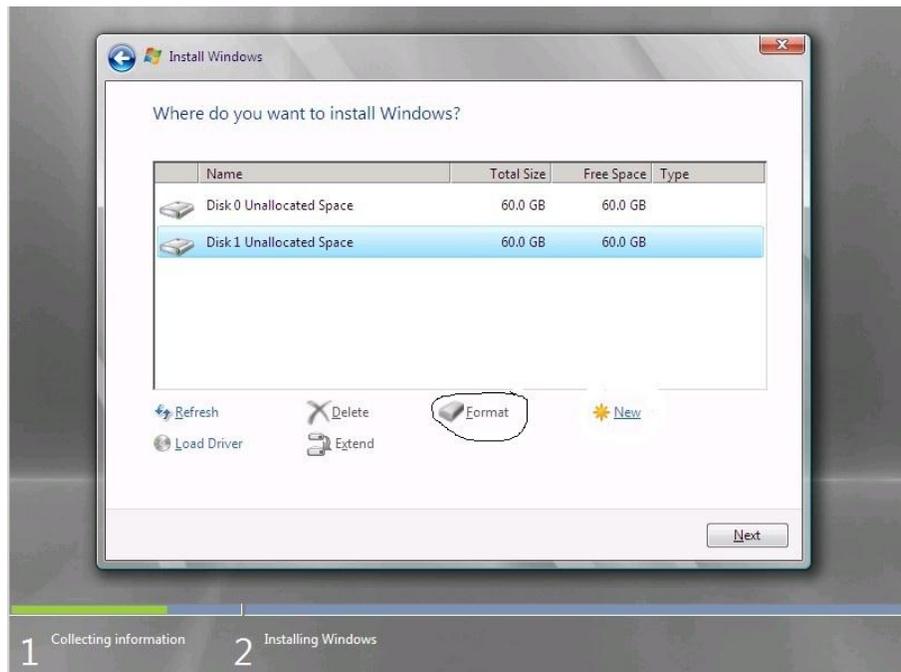


Figure 9 Select

Important:

You cannot change the partition that you install the operating system on after you finish this task.

Task 2: Wait while setup installs the operating system

1. Wait while setup proceeds. The time needed for this process varies depending on your specific hardware. This task does not require any input from the user.

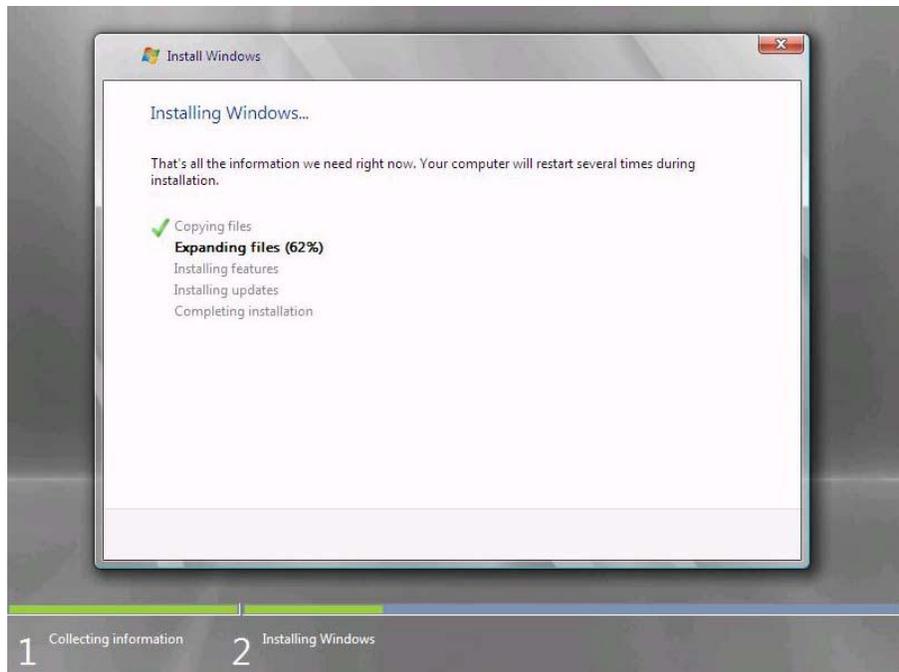


Figure 10 Expanding files page

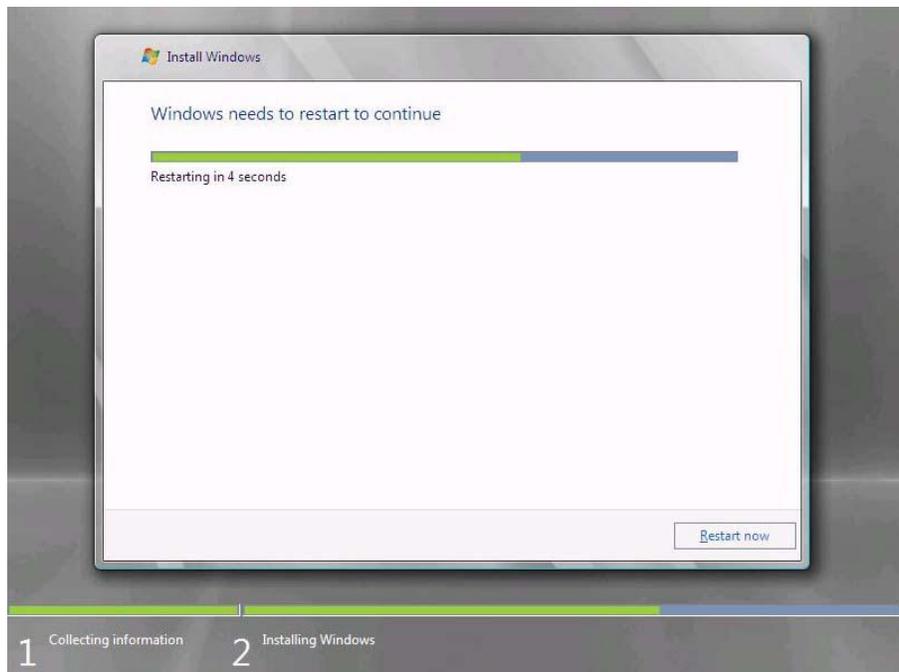


Figure 11 Windows restarting

Exercise 2: Configure the Operating System

Overview

Setup prompts you to answer a few questions about your organization; it uses this information to configure the operating system.

← Task 1: Continue Installation

1. On the **Continue Installation** page, click **Next**.

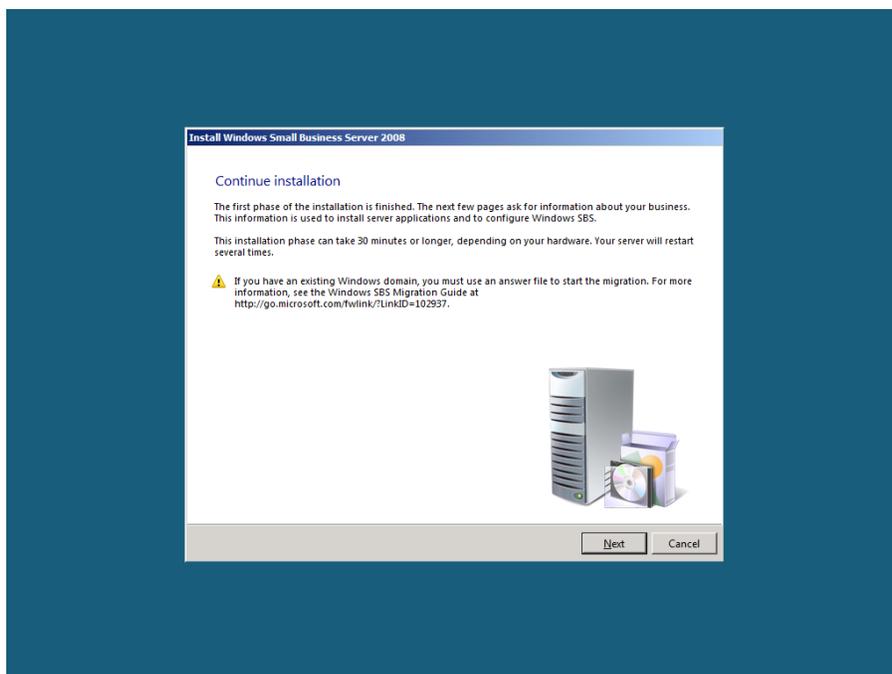


Figure 12 Continue Installation page

2. Verify clock and time zone settings, and then click **Next**.

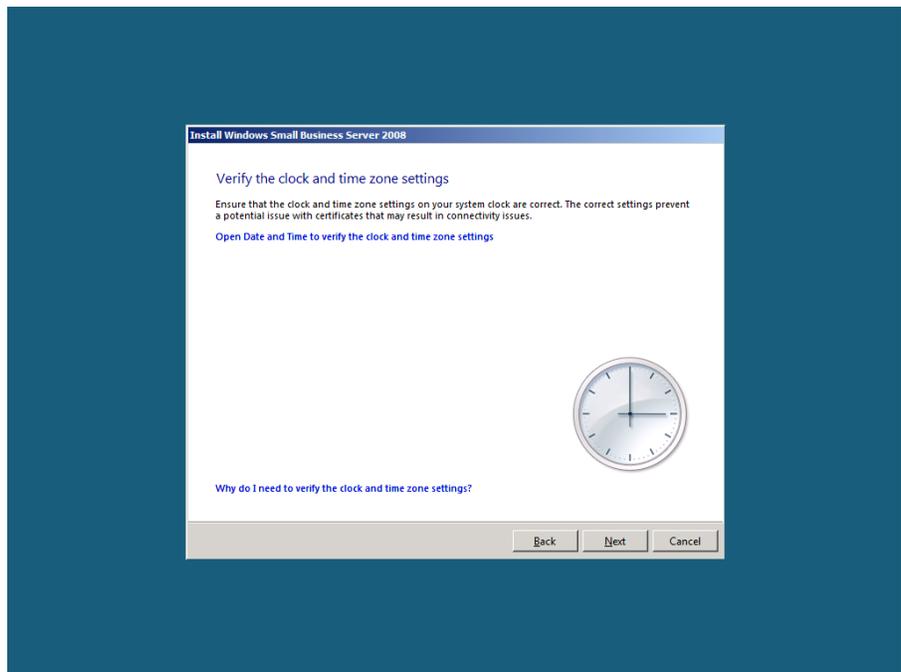


Figure 13 Clock and time zone settings page

3. Click **Do not get the most recent installation updates**.

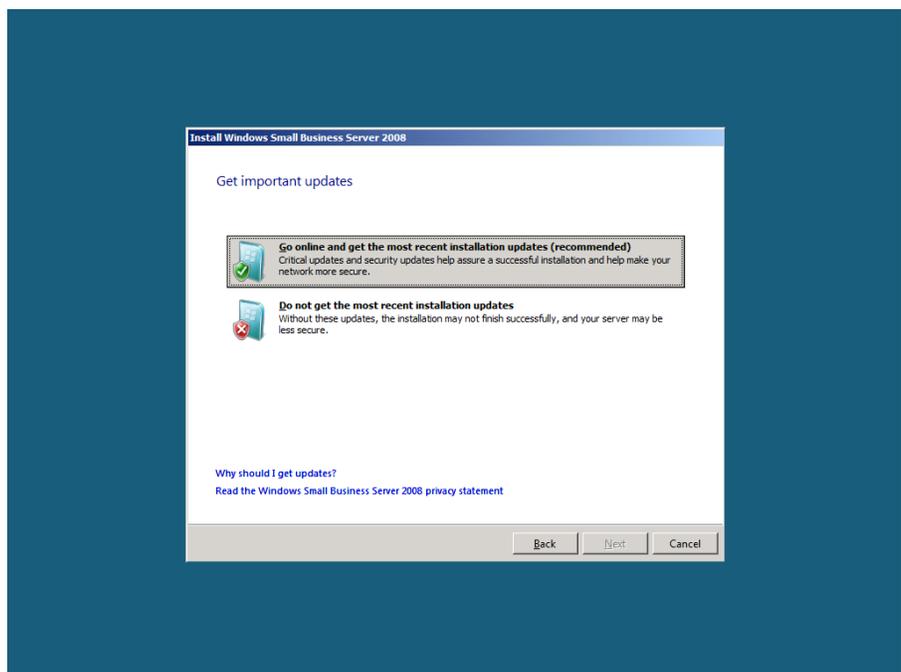


Figure 14 Get important updates page

Note:

In a real-world scenario, best practice would be to click **Go online and get the most recent installation updates (recommended)**. Because of the network limitation in the lab, do not get updates.

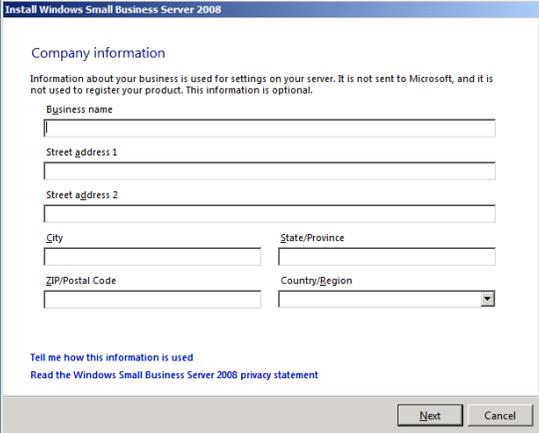
⏪ Task 2: Enter Company Information

1. On the **Company information** page, type in the following information about Contoso.

Setup stores this information and uses it to configure the server tools, so that you do not have to supply the same information multiple times.

Business name: **Contoso**
Street address 1: **123 Main Street**
City: **Yakima**
State: **WA**
Zip/Postal Code: **17927**
Country/Region: **United States**

2. Click **Next**.



The screenshot shows a window titled "Install Windows Small Business Server 2008" with a "Company information" section. Below the title, there is a disclaimer: "Information about your business is used for settings on your server. It is not sent to Microsoft, and it is not used to register your product. This information is optional." The form includes the following fields: "Business name", "Street address 1", "Street address 2", "City", "State/Province", "ZIP/Postal Code", and "Country/Region" (a dropdown menu). At the bottom, there are two buttons: "Next" and "Cancel".

Figure 15 Company information page

⏪ Task 3: Enter server and internal domain names

1. On the **Personalize your server and network** page, type the following name for your server in the **Server Name** text box.

Server name: **SERVER**

Note:

The server name must be a unique name on your network.

2. On the **Internal Domain Name** text box, type the following name for your internal domain name.

A domain enables you to manage the access to resources on your network (for example, user accounts, client computers, shared folders, or printers).

Setup provides default settings for your internal domain, separating your local (internal) network from the Internet (external network).

Internal domain name **CONTOSO**

Note:

You cannot change the server name or the internal domain name after you finish this task.

3. Click **Next**.

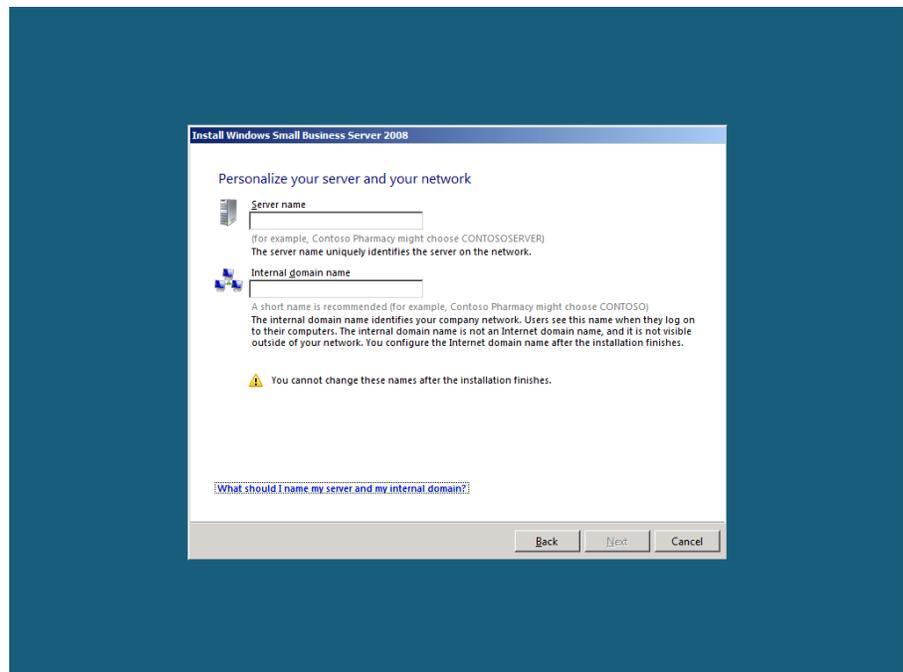


Figure 16 Server and domain names page

⏪ Task 4: Add a Network Administrator Account

1. On the **Add a network administrator account** page, type the information for a new administrator account. This cannot be the same as the built-in Administrator account.

First name: **Roland**

Last name: **Winkler**

Administrator user name: **RolandW**

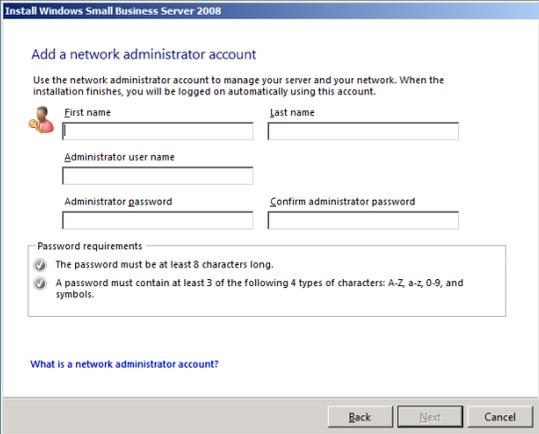
Administrator password: **pass@word1**

Confirm administrator password: **pass@word1**

Note:

Specify a strong password for the Network Administrator account. A strong password is between 6 and 127 characters long, and it uses uppercase letters, lowercase letters, numbers, and symbols such as *, ?, and \$.

2. Click **Next**.



The screenshot shows the 'Add a network administrator account' page from the Windows Small Business Server 2008 installation wizard. The window title is 'Install Windows Small Business Server 2008'. The page title is 'Add a network administrator account'. Below the title, there is a sub-header 'Add a network administrator account' and a paragraph: 'Use the network administrator account to manage your server and your network. When the installation finishes, you will be logged on automatically using this account.' The form contains several input fields: 'First name', 'Last name', 'Administrator user name', 'Administrator password', and 'Confirm administrator password'. There is also a 'Password requirements' section with two checked items: 'The password must be at least 8 characters long.' and 'A password must contain at least 3 of the following 4 types of characters: A-Z, a-z, 0-9, and symbols.' At the bottom of the form, there is a link 'What is a network administrator account?' and three buttons: 'Back', 'Next', and 'Cancel'.

Figure 17 Add a network administrator account page

Task 5: Finishing up

1. Review the settings, and then click **Next**.

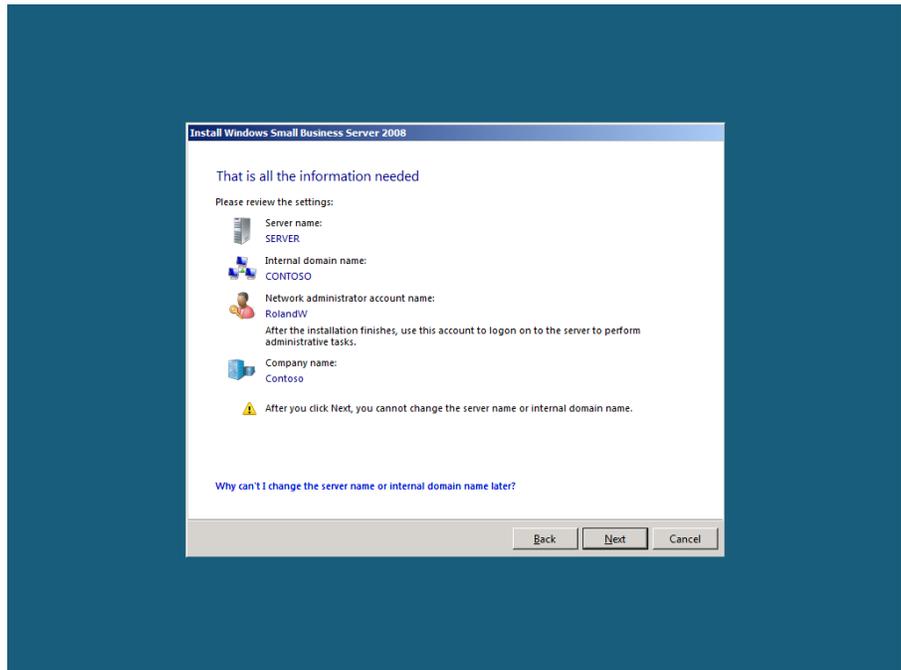


Figure 18 Summary page

2. The **Expanding and installing files** page displays the progress of the final installation process.
3. When Windows Small Business Server 2008 setup finishes, the server restarts one more time.

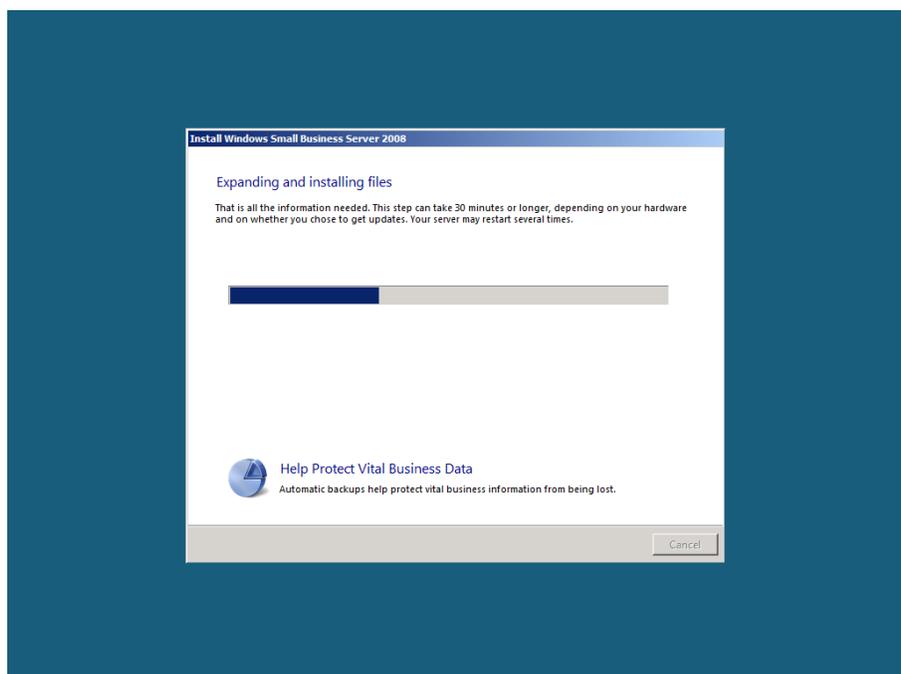


Figure 19 Expanding and installing files page

Note:

After installation completes, you are automatically logged on to the new administrator account. The built-in administrator account password is then set to the same password as the new administrator account that was added during installation, and then the built-in administrator account is disabled.

Exercise 3: Getting Started Tasks

Overview

In this next exercise, you perform post-installation tasks to configure your server. After the server restarts, the **Successful Installation** window appears. Continue to the Windows SBS Console to walk through the tasks listed in the Getting Started Tasks list.

← Task 1: Connect to the Internet

1. Log on as **CONTOSO\RolandW**, using the password **pass@word1**.
2. Click **Start using the server**.

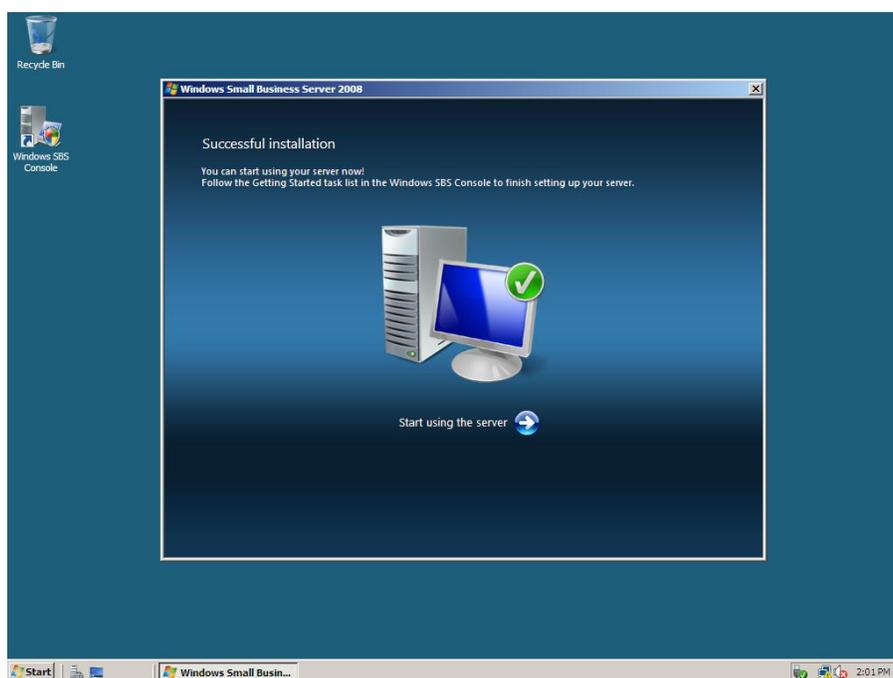


Figure 20 Successful installation page

3. If prompted to activate Windows Live™ OneCare™, close message.
4. In the **Getting Started Tasks** section, click **Using the Windows SBS console**.

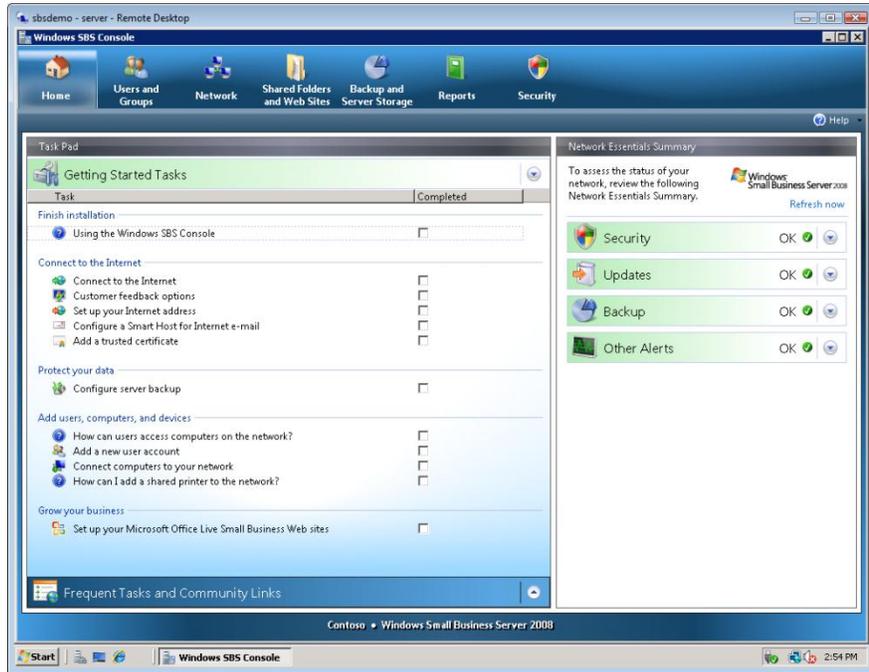


Figure 21 Windows SBS 2008 Console

5. From here you can review help for Windows Small Business Server 2008.

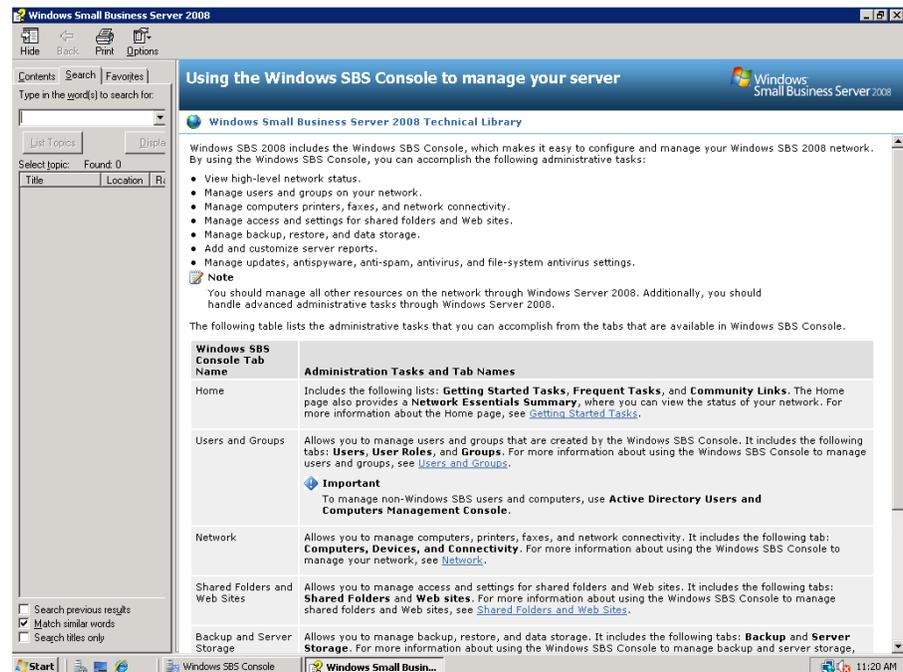


Figure 22 Windows SBS 2008 Help

6. Close the help window.
7. In the **Getting Started Tasks** section, click **Connect to the Internet**.
8. On the **Before you begin** page, click **Next**.

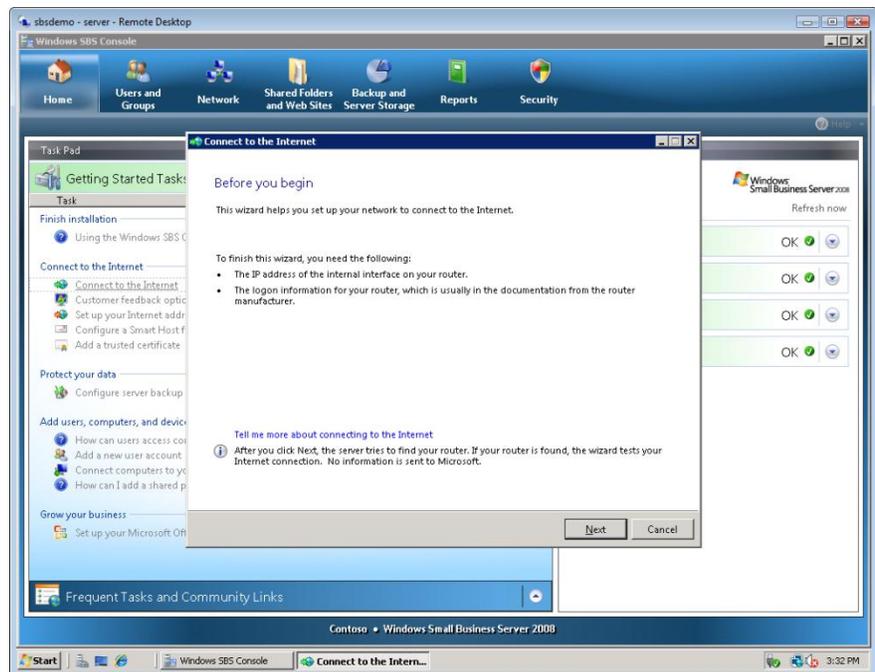


Figure 23 Before you begin page

9. Windows attempts to detect an existing network at this point.

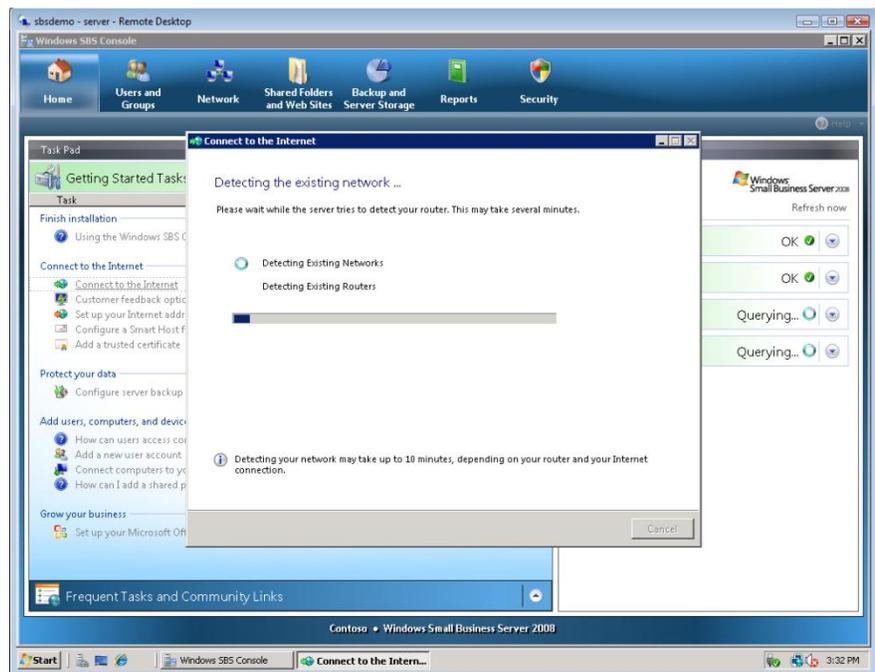


Figure 24 Router IP address page

10. At the **Connect to the Internet** prompt, click **Yes**.

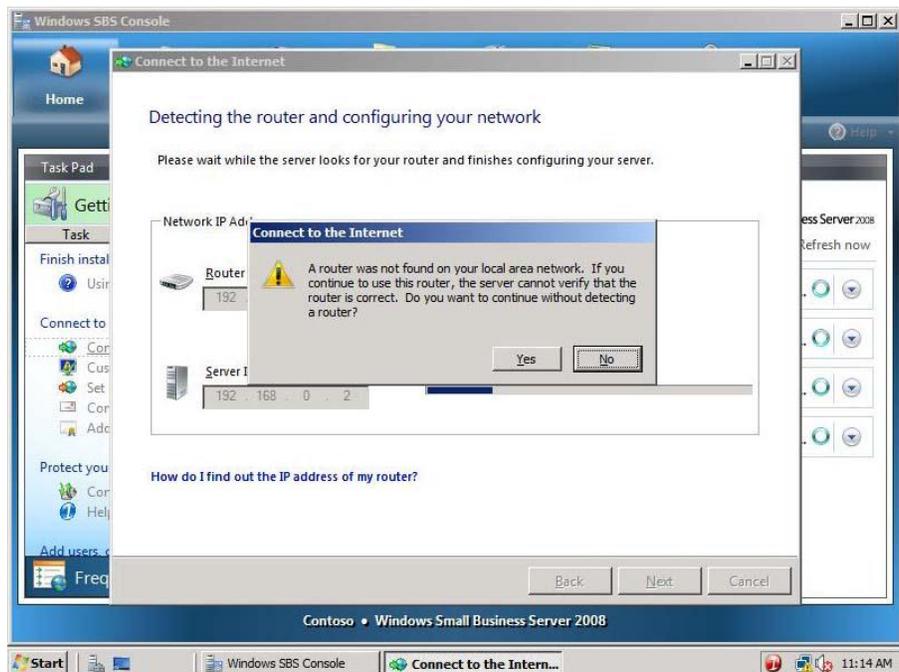


Figure 25 Connect to the Internet prompt

11. Type **192.168.0.1** for the IP address of your router.

12. Type **192.168.0.2** for the IP address of your server, and then click **Next**.

13. On the **Detecting the router and configuring your network** page, click **Next**.

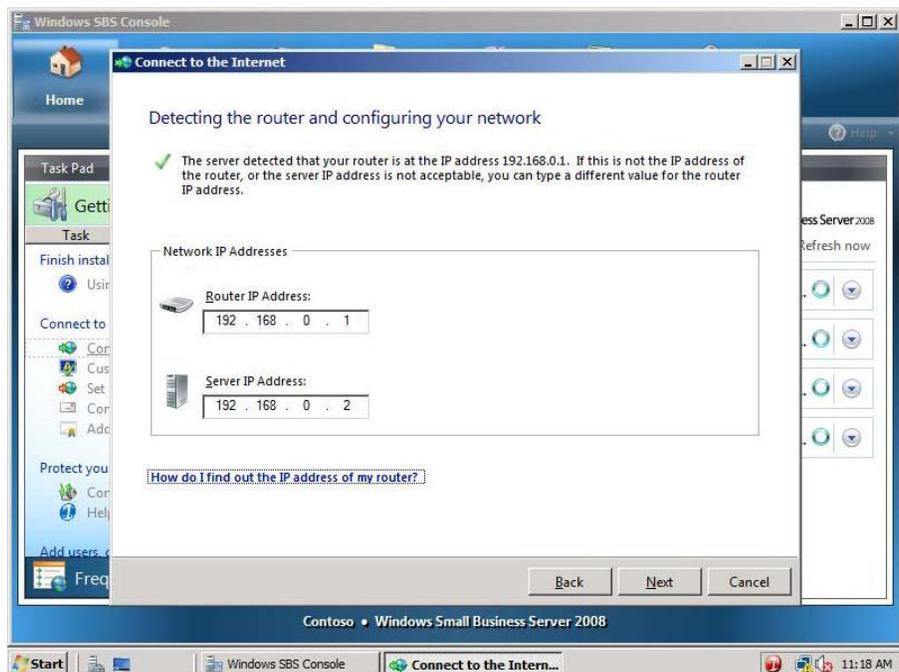


Figure 26 Detecting the router and configuring your network page

14. On the **Prepare to configure your router** page, click **Next**.

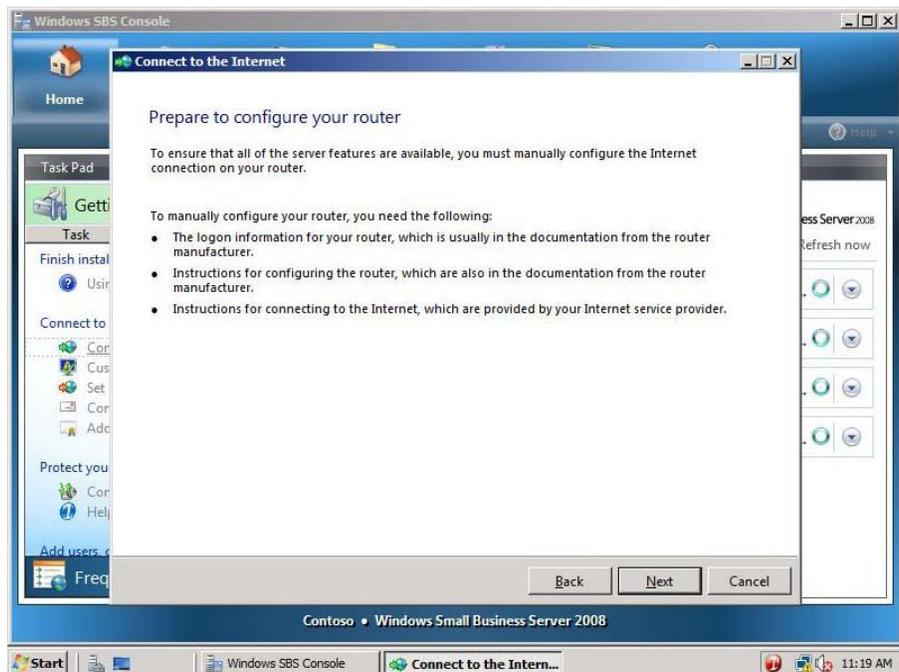


Figure 27 Prepare to configure your router page

15. On the **Configure your router** page, click **Test**.

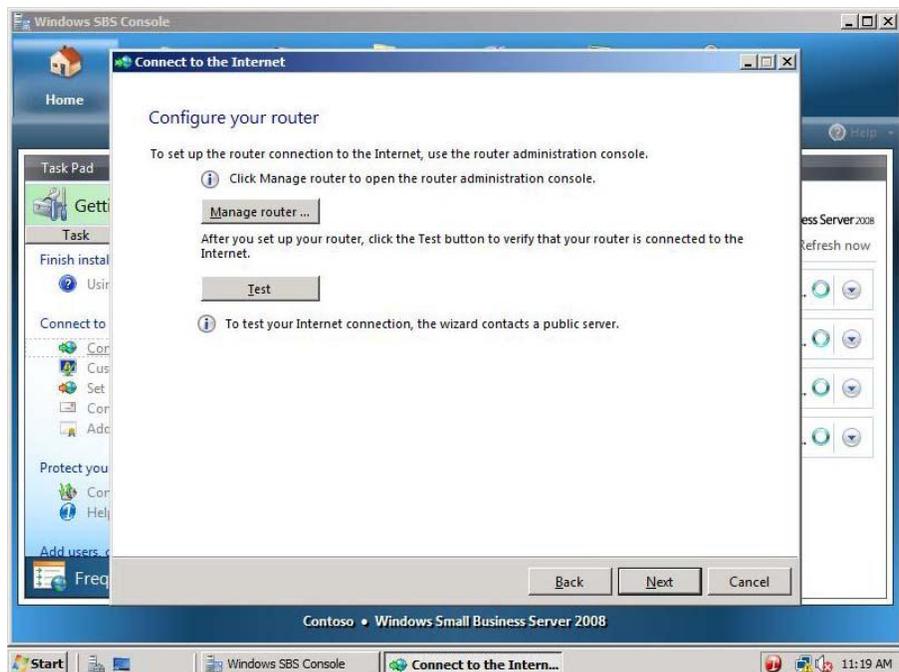


Figure 28 Configure your router page

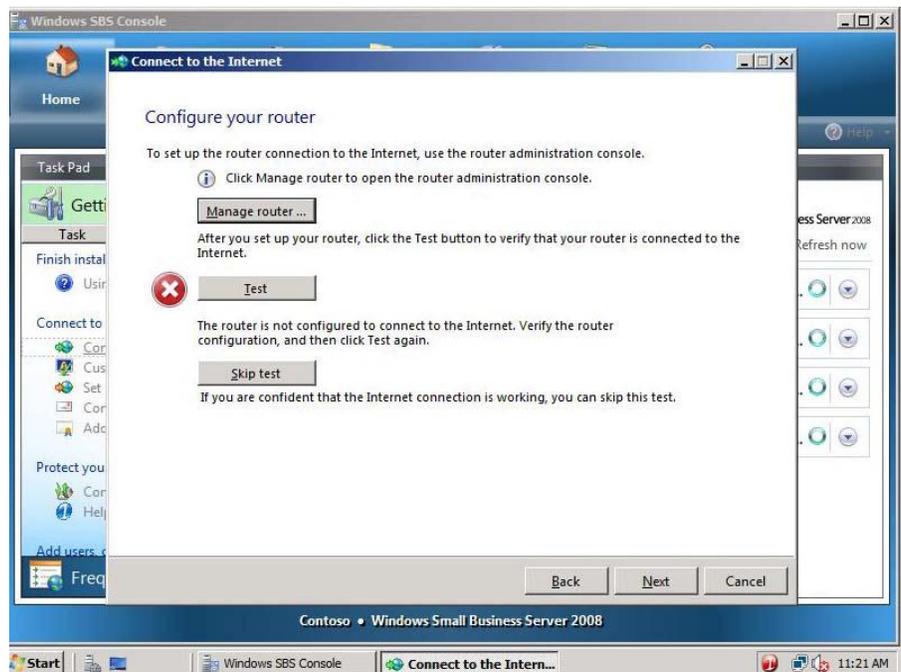
16. Click **Skip test**.

Figure 29 Skip test

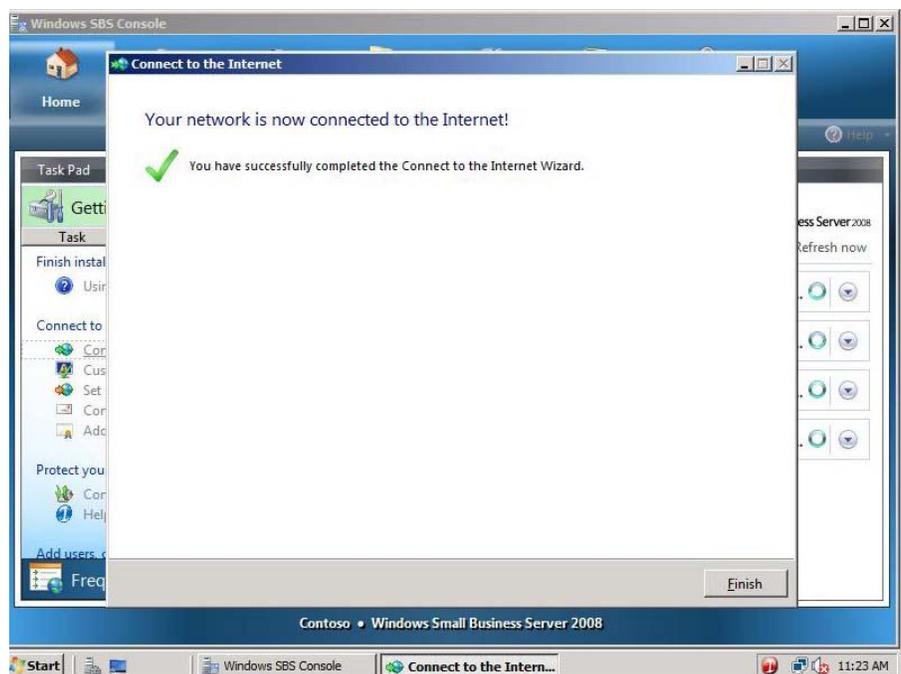
17. Click **Finish**.

Figure 30 Your network is now connected to the Internet! page

⏪ Task 2: Set up your Internet address

1. In the **Getting Started Tasks** section, click **Set up your Internet address**.
2. On the **Before you begin** page, click **Next**.

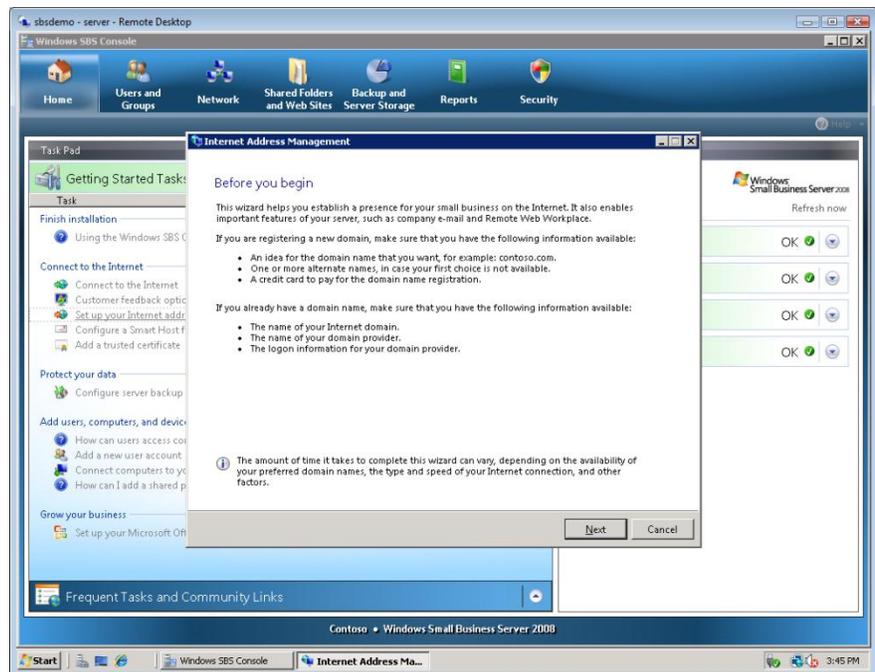


Figure 31 Before you begin

3. Select **I already have a domain name that I want to use** and click **Next**.

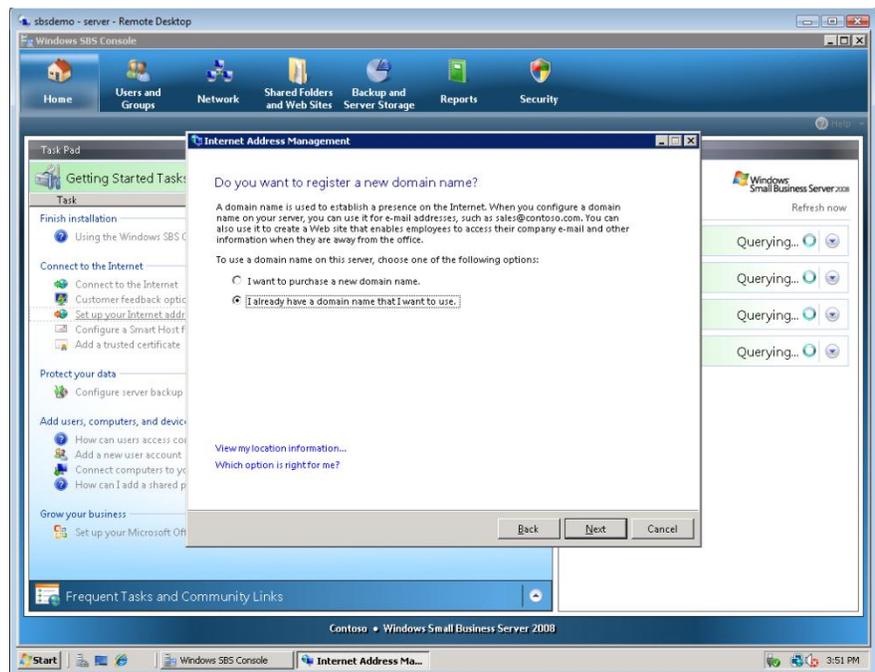


Figure 32 Do you want to register a new domain name? page

4. Select **I want manage the domain name myself**, and then click **Next**.

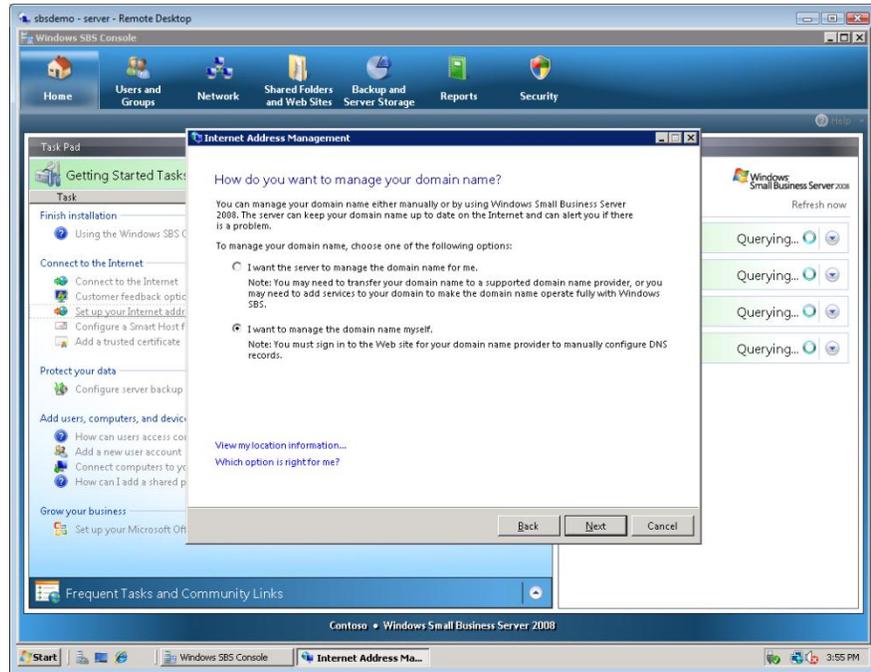


Figure 33 How do you want to manage your domain name? page

5. Type **Contoso.com** and click **Configure**.

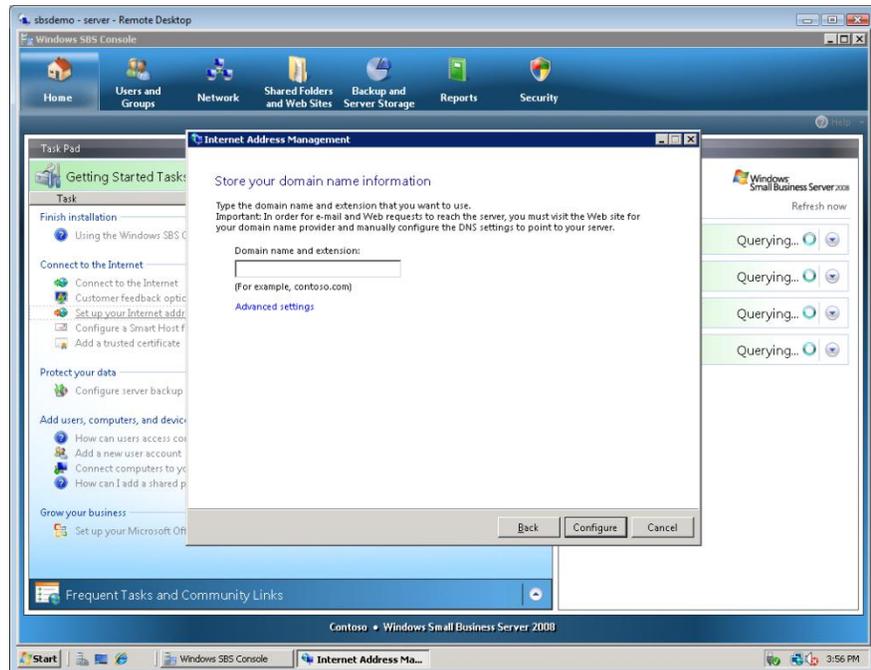


Figure 34 Store your domain name information page

6. Your server is now be configured for the contoso.com domain.

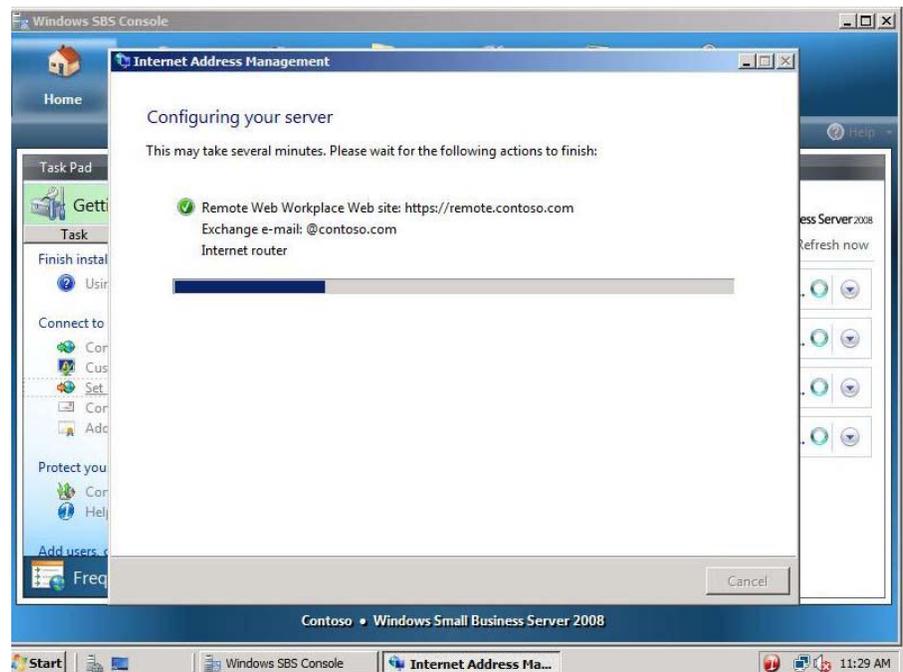


Figure 35 Configuring your server page

7. Click Finish.

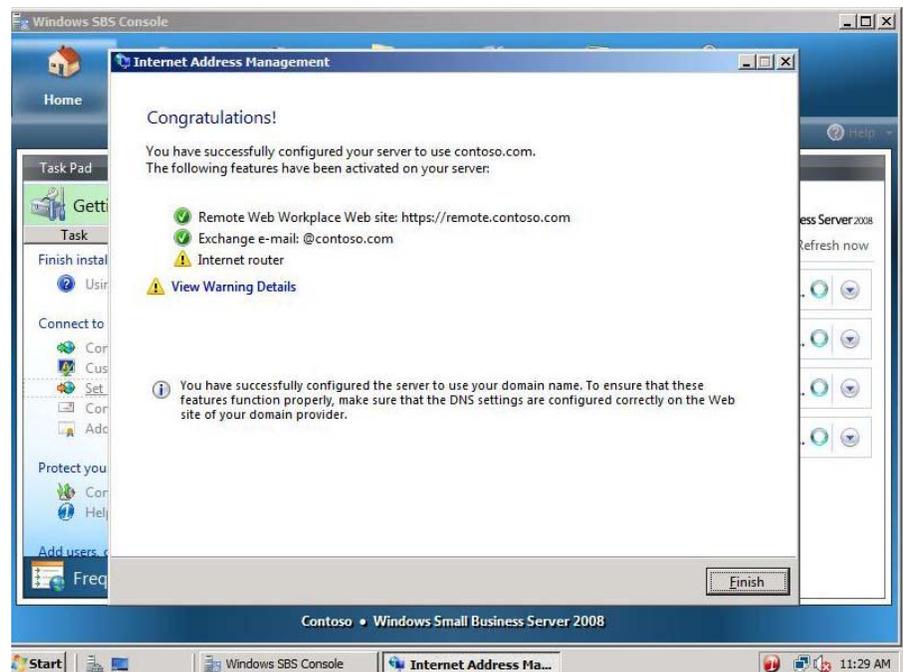


Figure 36 Configuration complete

⏪ Task 3: Configure a Smart Host for Internet e-mail

1. In the **Getting Started Tasks** section, click **Configure a Smart Host for Internet e-mail**.

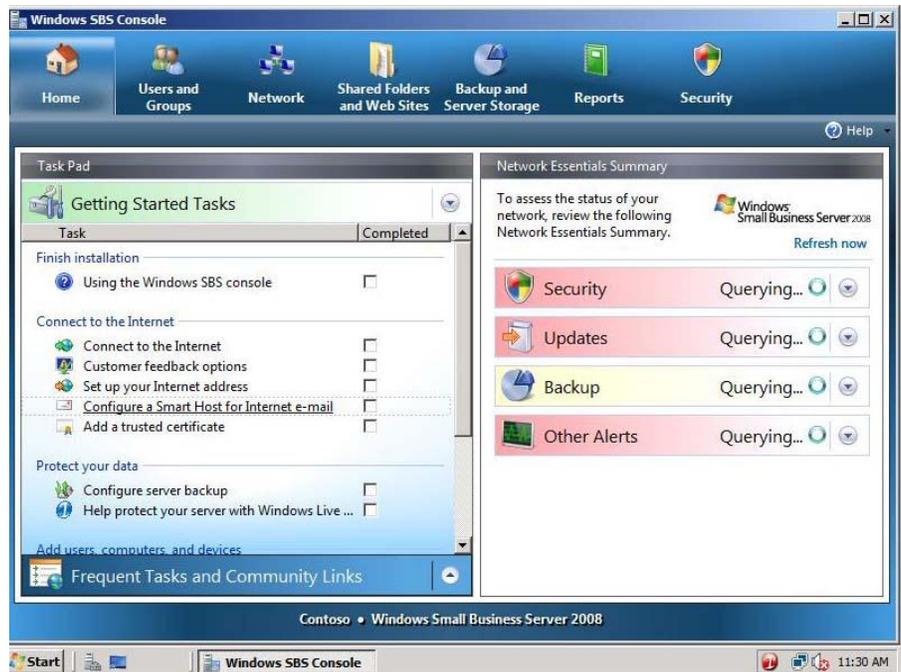


Figure 37 Windows SBS 2008 Console

2. On the **Before you begin** page, click **Next**.

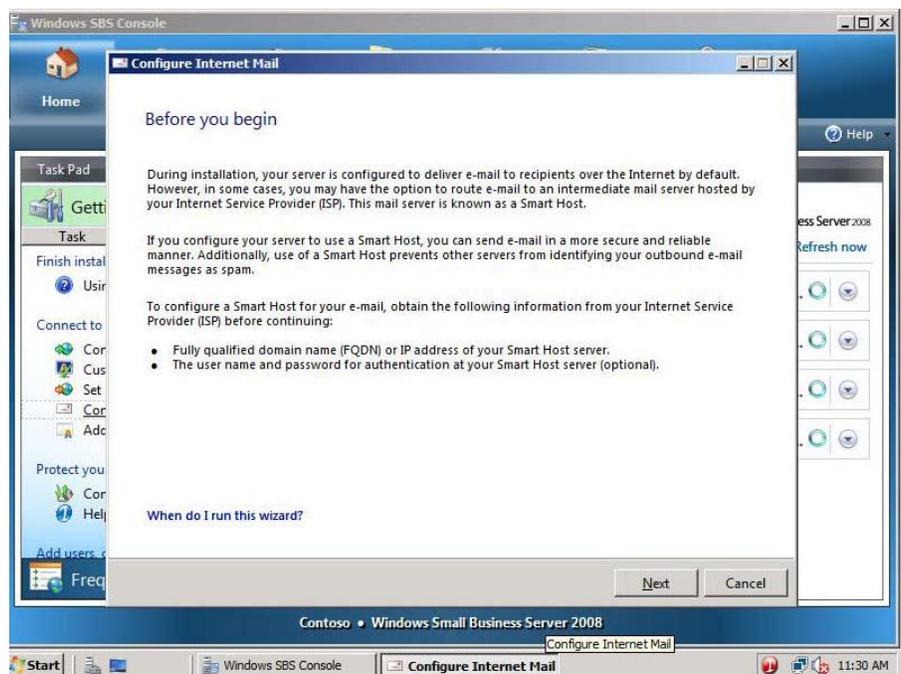


Figure 38 Before you begin page

- Here you can configure a Smart Host server that may be provided by your ISP. Because of network limitations, you cannot set up a smart host at this time.
- Select **I do not need to configure a Smart Host server for Internet e-mail**, and then click **Next**.

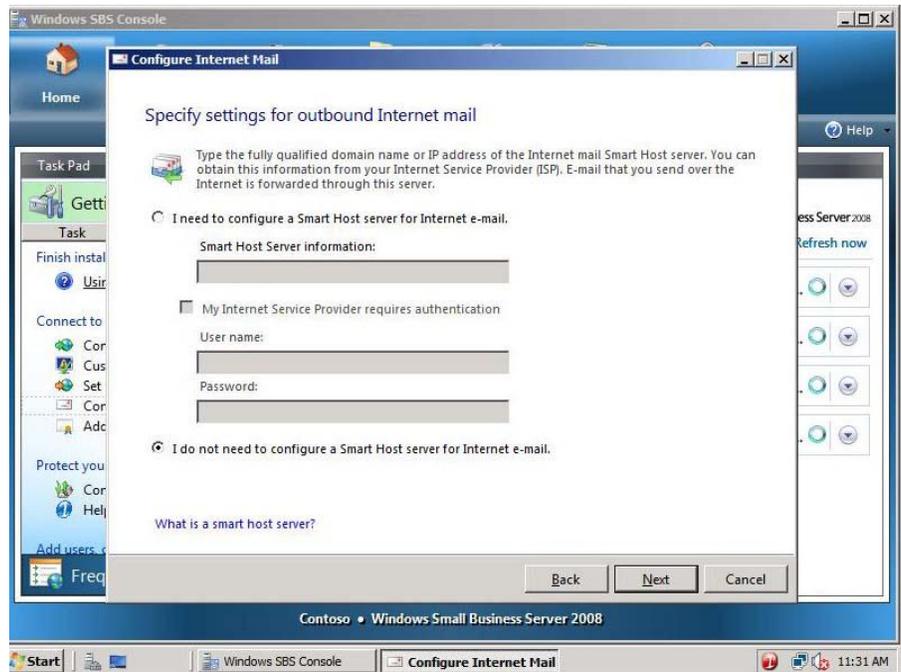


Figure 39 Specify settings for outbound Internet mail page

- On the **Configure Internet mail settings is complete** page, click **Finish**.

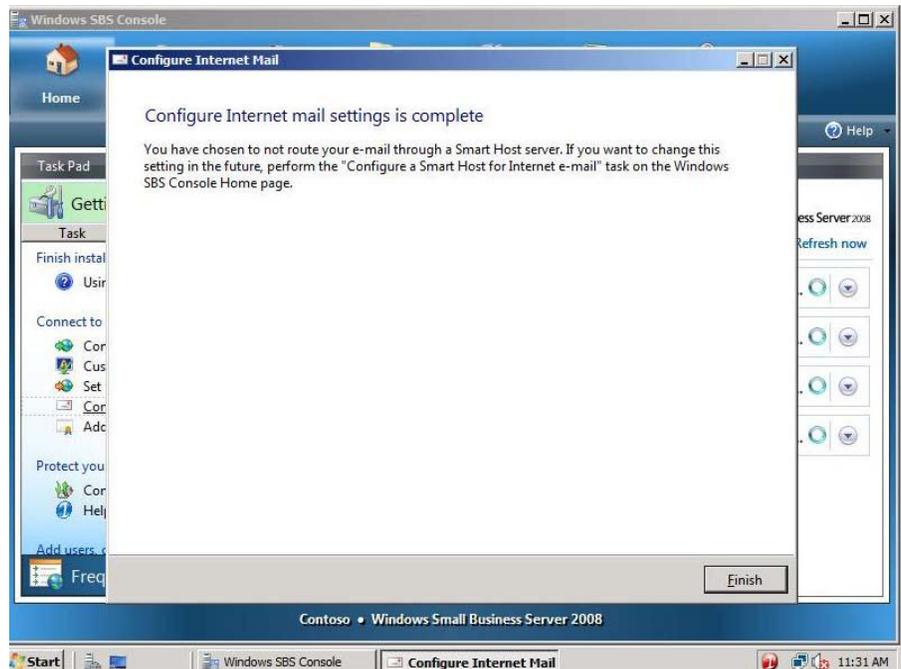


Figure 40 Configure Internet mail settings is complete page

← Task 4: Add a trusted certificate

1. In the **Getting Started Tasks** section, click **Add a trusted certificate**.

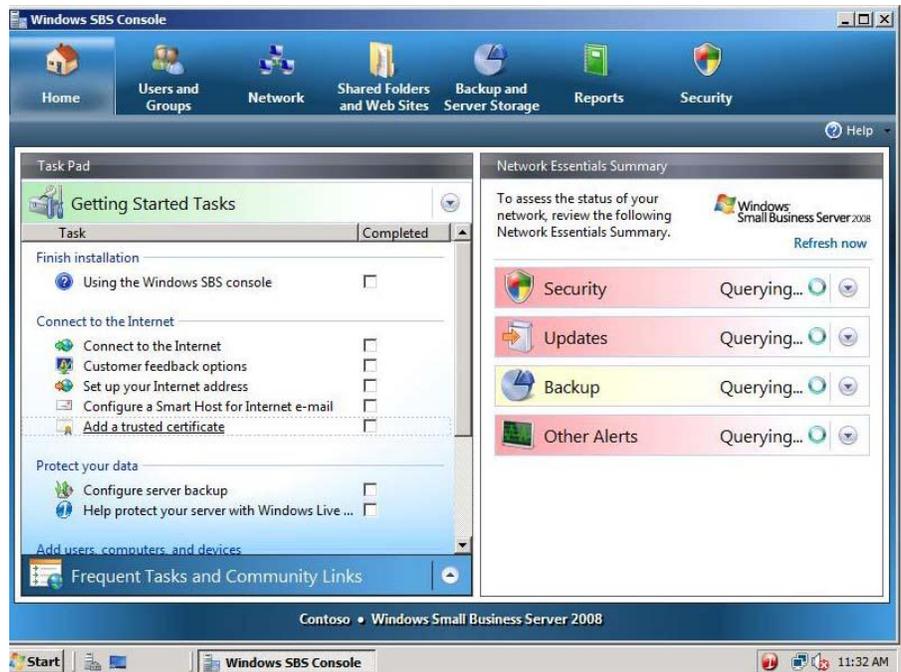


Figure 41 Getting Started Tasks section

2. On the **Before you begin** page, click **Next**.

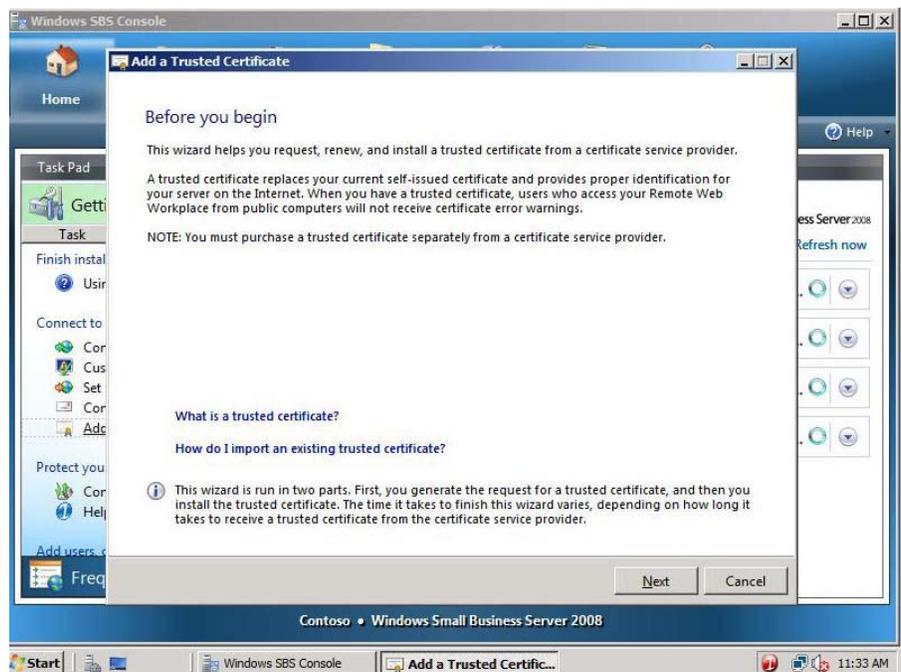


Figure 42 Before you begin page

3. Select **I want to use a certificate that is already installed on the server** and click **Next**.

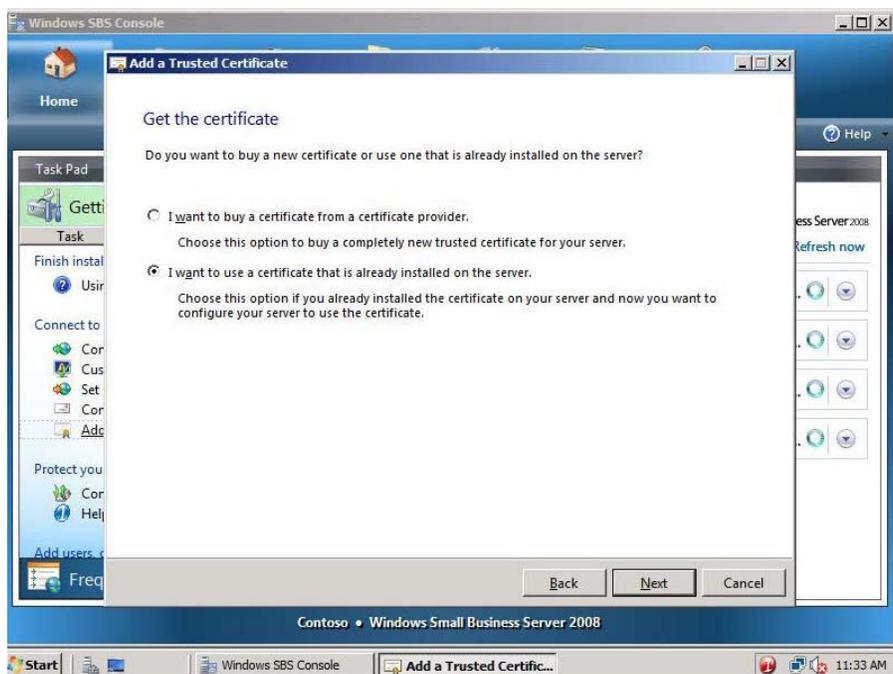


Figure 43 Get the certificate

Note:

If you prefer to purchase a certificate from a trusted certificate authority, you can select to do so at this point

4. Select **remote.contoso.com** and click **View certificate**.

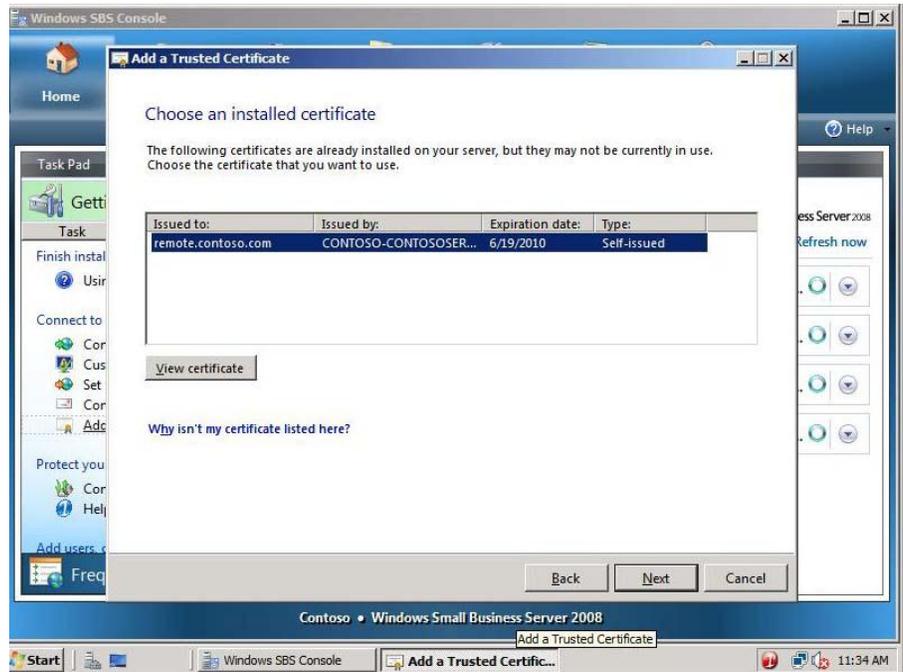


Figure 44 Choose an installed certificate page

5. Review the certificate properties, and then click **OK**.

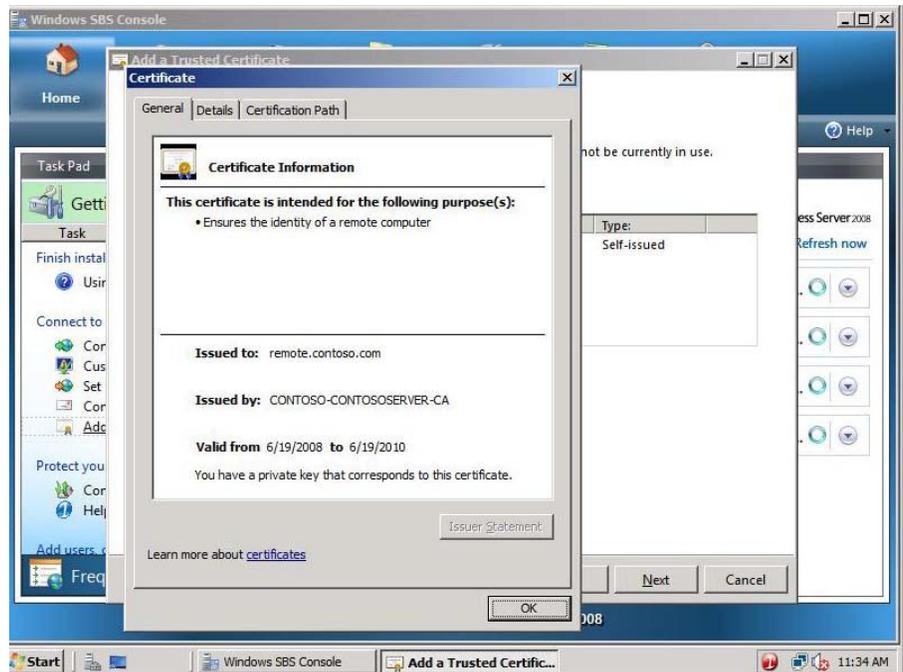


Figure 45 Certificate properties

6. Click **Next**.
7. Click **Finish**.

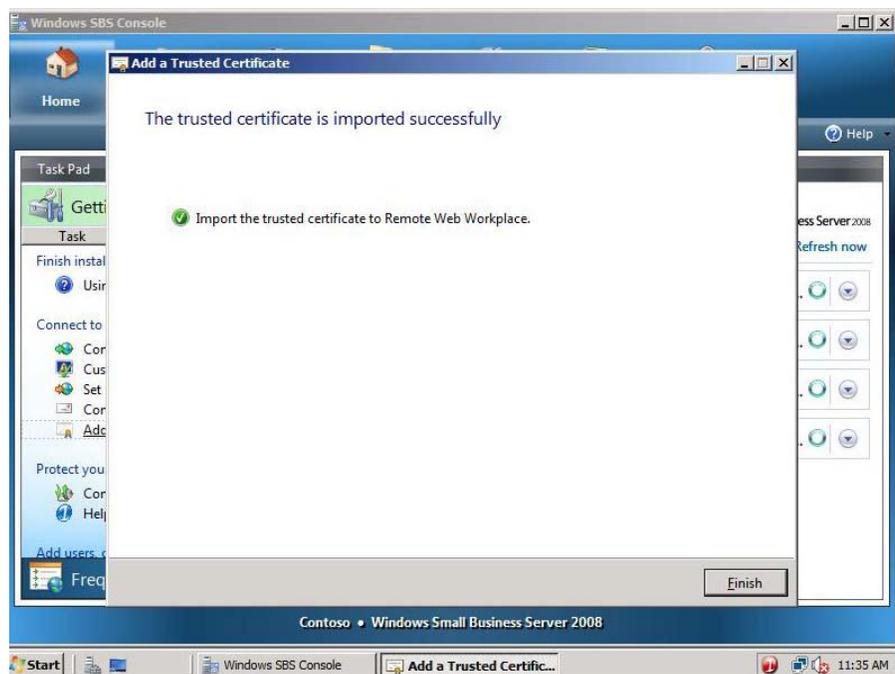


Figure 46 The trusted certificate is imported successfully page

Task 5: Configure backup and storage

1. In the **Getting Started Tasks** section, click **Configure server backup**.

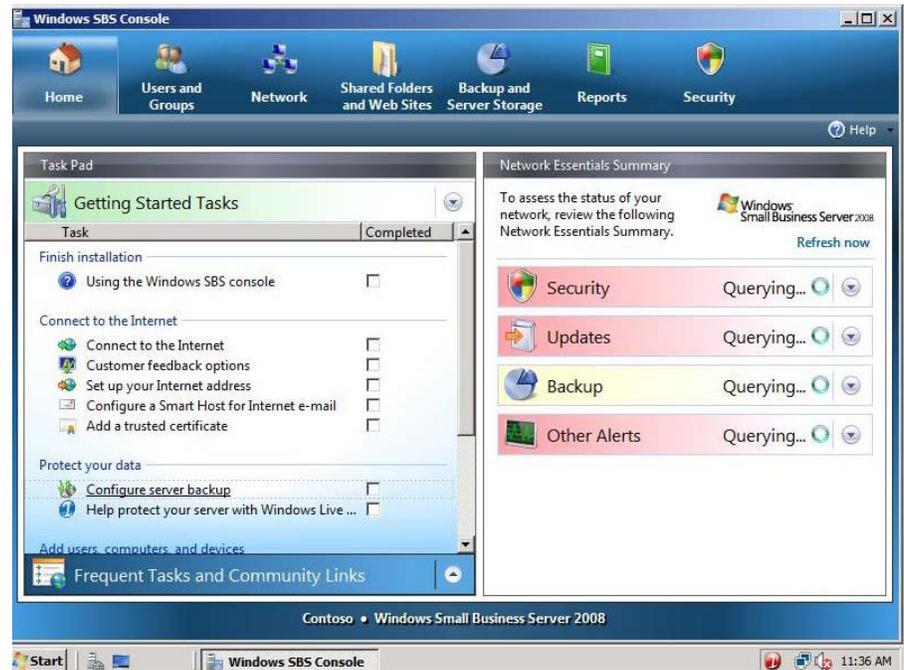


Figure 47 Configure server backup

2. In the **Getting started** window, click **Next**.

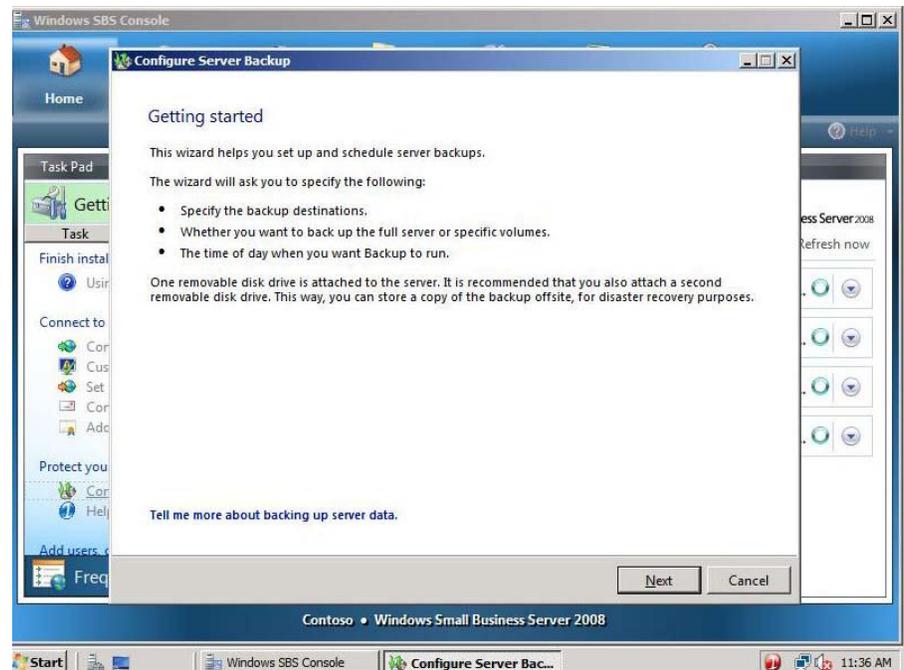


Figure 48 Getting started page

3. Select **Show all valid internal and external backup destinations**.
4. Select **Disk [1]**, and then click **Next**.

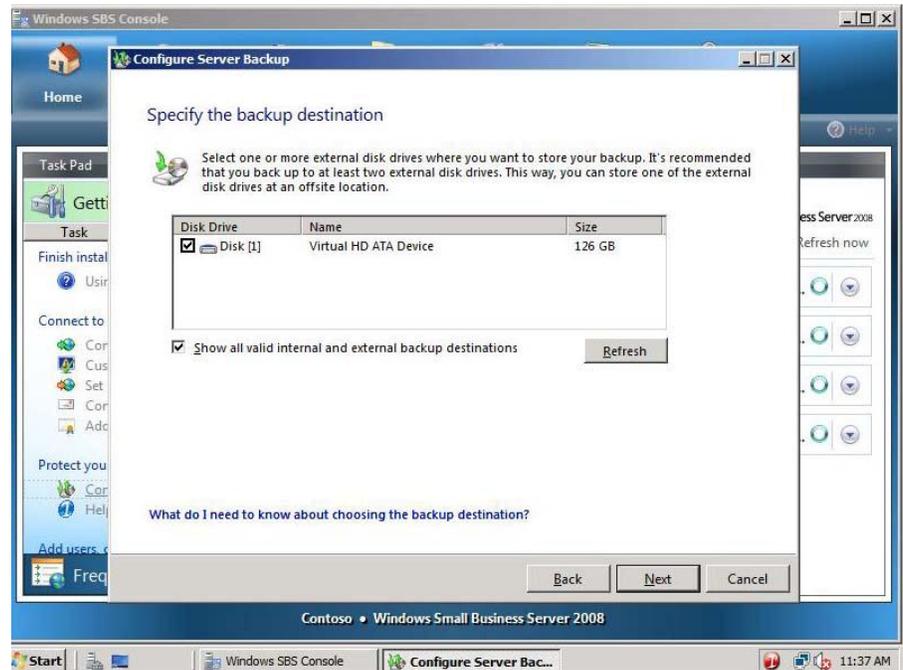


Figure 49 Specify the backup destination page

5. Leave Disk1 label, and then click **Next**.

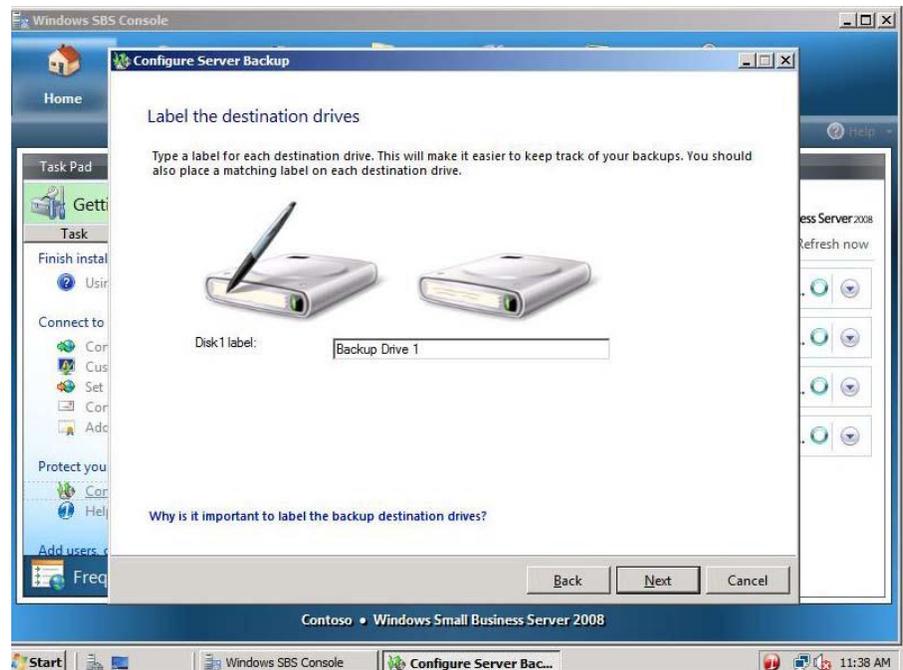


Figure 50 Label the destination drives page

6. On the **Select drives to back up** window, leave defaults, and then click **Next**.

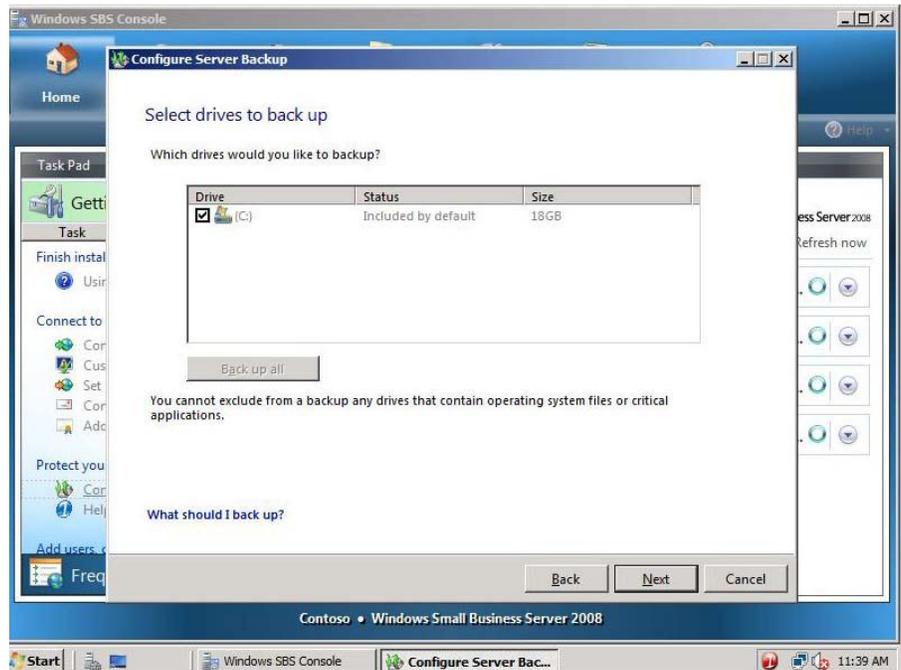


Figure 51 Select drives to back up page

7. Review backup schedule, and then click **Next**.

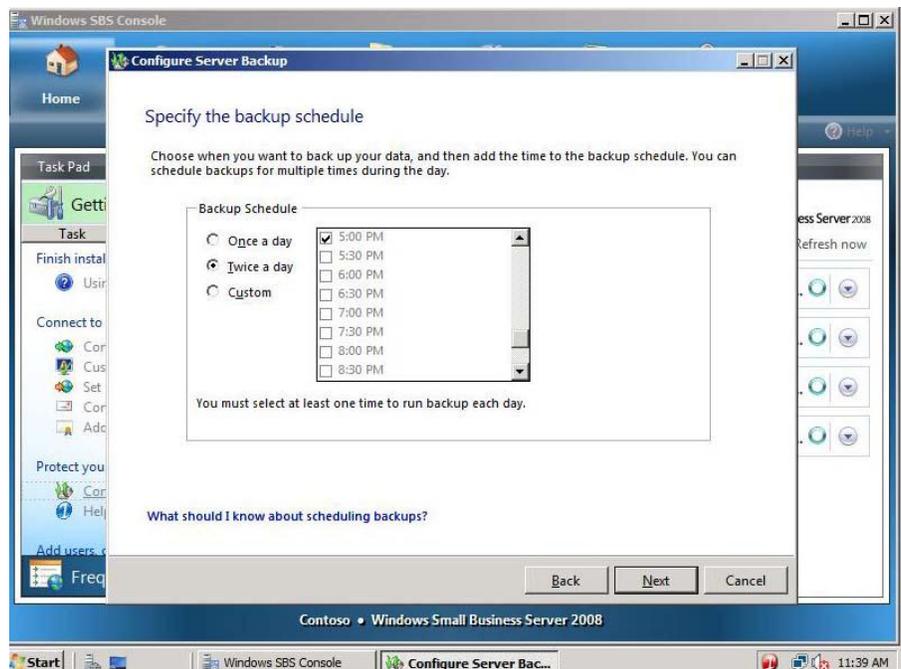


Figure 52 Specify the backup schedule page

8. Review backup details, and then click **Configure**.

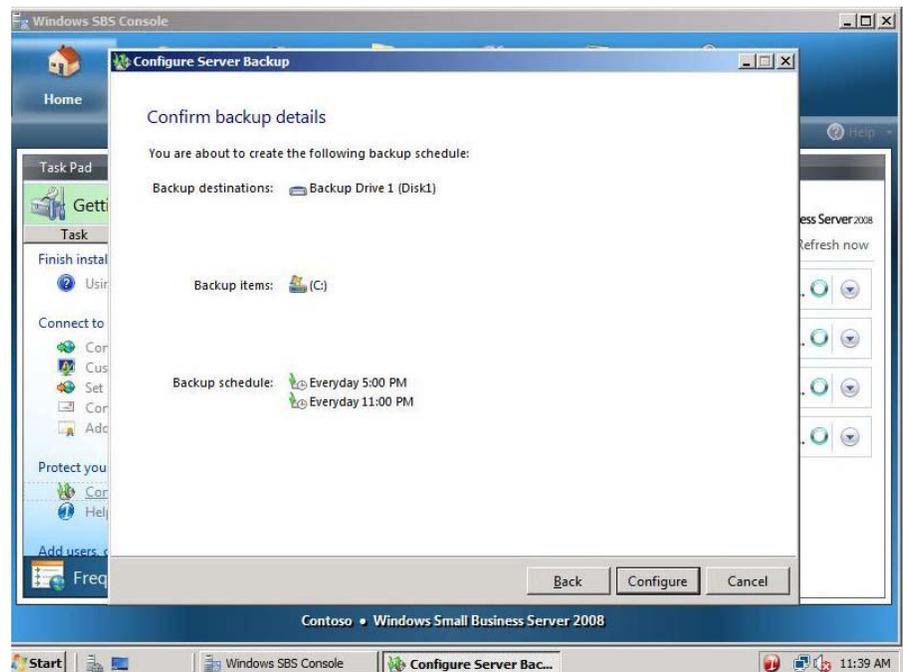


Figure 53 Confirm backup details page

9. When prompted to format the selected drives, click **Yes**.

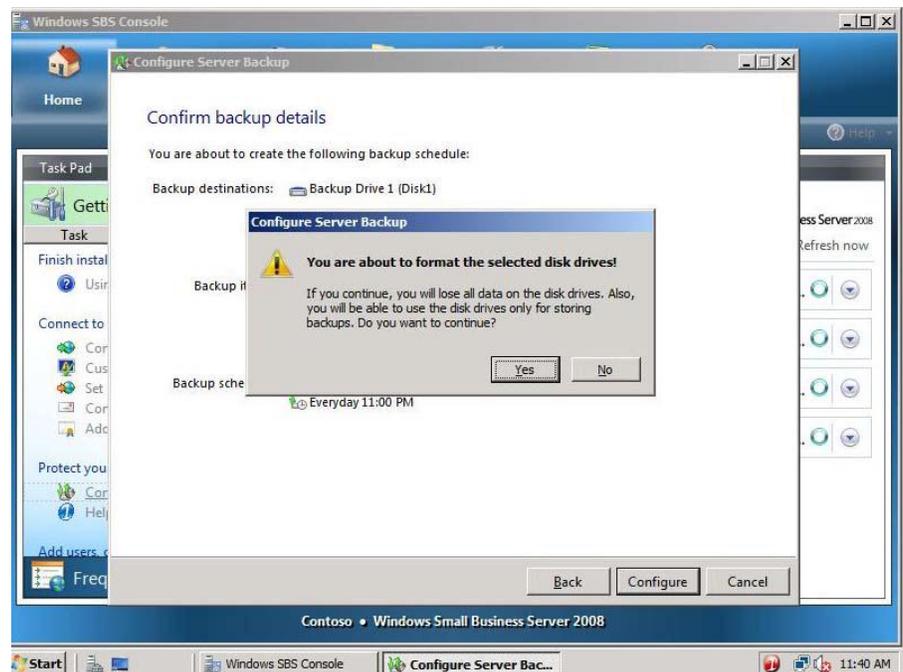


Figure 54 Format drive prompt

10. On the Server backup configured page, click **Finish**.

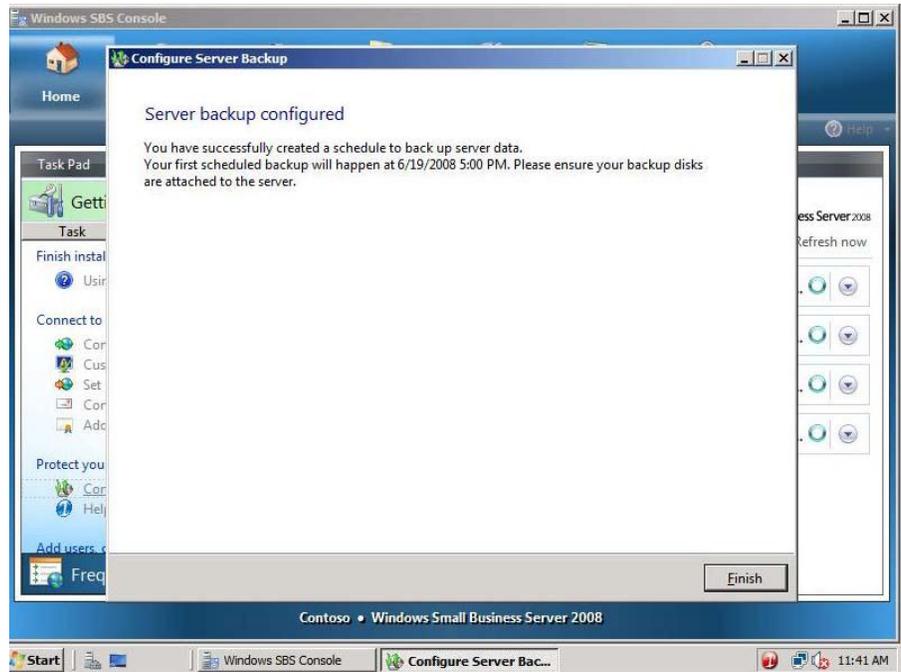


Figure 55 - Server backup configured page

← Task 6: Add a new user

1. In the **Getting Started Tasks** section, click **Add a new user account**.

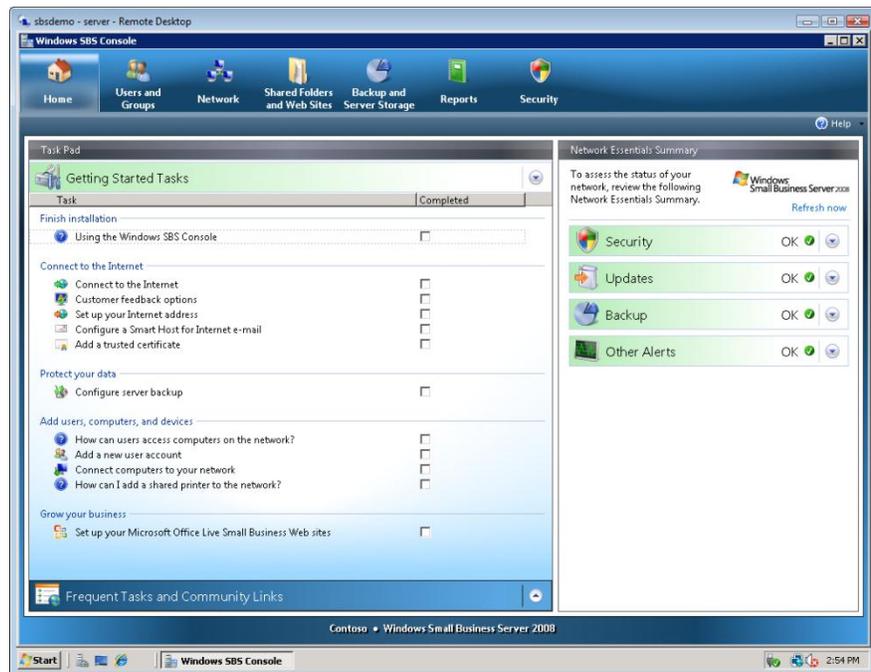


Figure 56 Windows SBS 2008 Console

2. On the **Add a new user account and assign a user role** page, enter the following information, and then click **Next**.

First name: **Debra**

Last name: **Garcia**

User name: **DebraG**

E-mail address: **DebraG**

Description: **Sales**

Phone number: **555-555-5555**

Choose a user role: **Standard User**

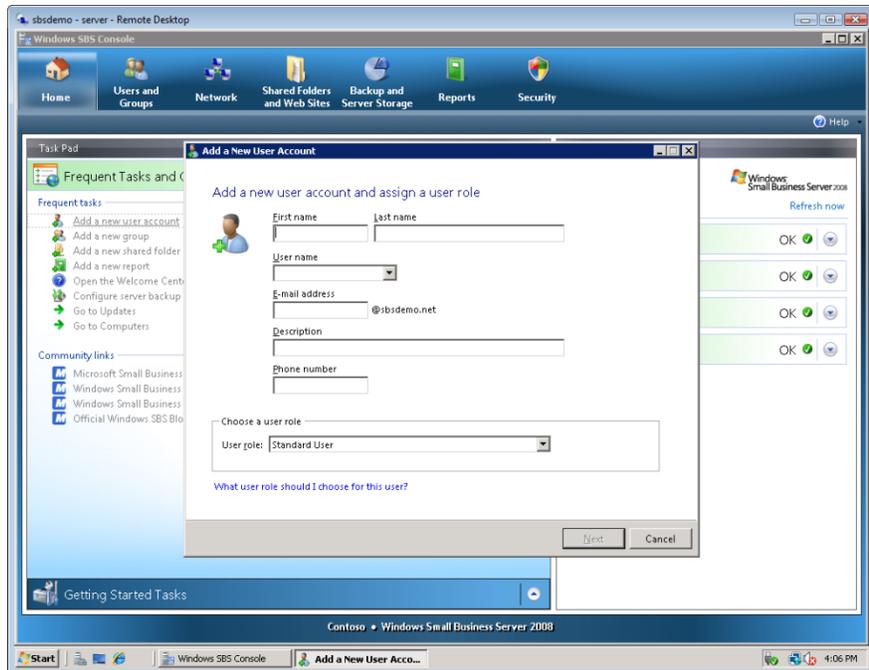


Figure 57 Add a new user account and assign a user role page

3. On the **Create a password for accessing your network** page, enter the following information, and then click **Add user account**.

Password: **pass@word1**

Confirm password: **pass@word1**

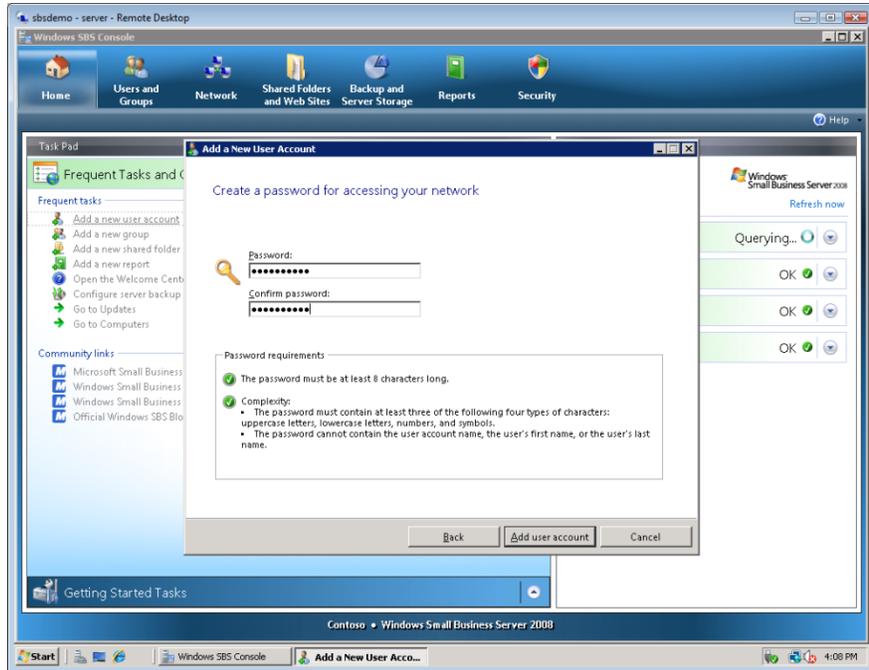


Figure 58 Add user account page

4. Click Add a new computer for Don.

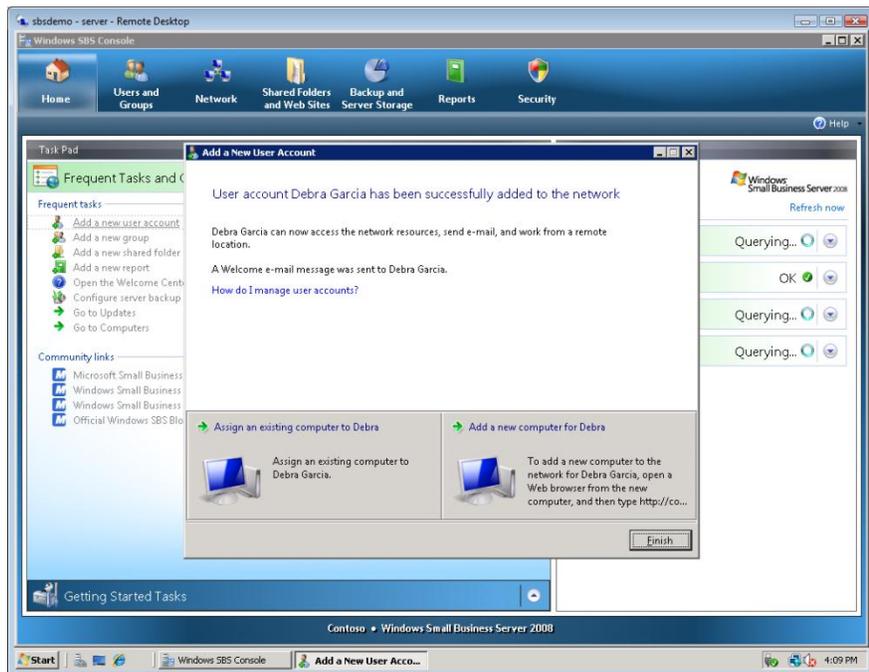


Figure 59 User account added to network

5. On the **Add user accounts before connecting computers to your network** page, click **Next**.



Figure 60 Add user accounts before connecting computers to your network page

6. On the **Run the Connect Computer program** page, click **Access the program through a Web browser (recommended)**.

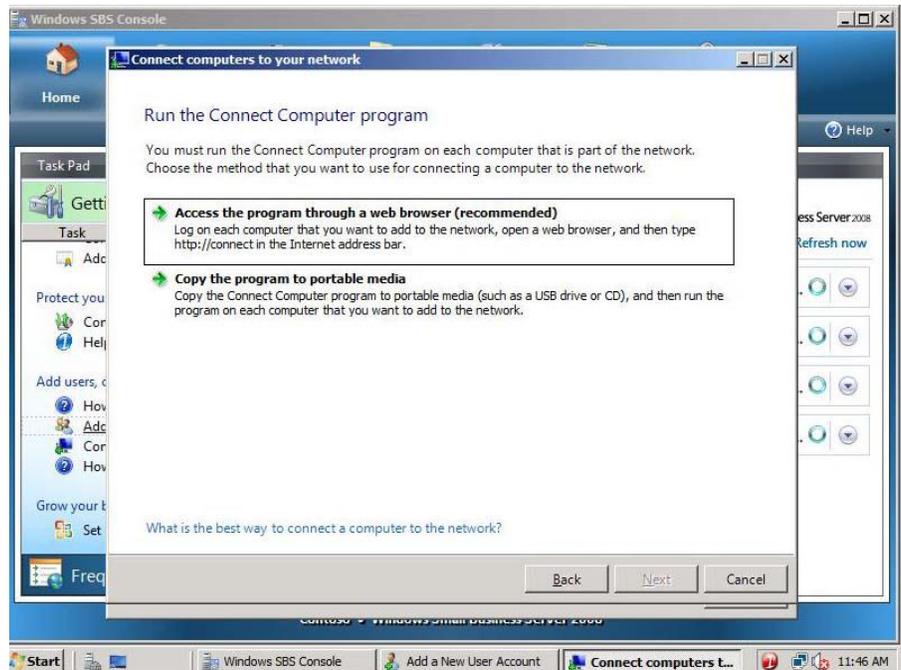


Figure 61 Run the Connect Computer program page

7. On the **Run the Connect Computer program through a Web browser** page, note the Internet address to use to connect to domain: <http://connect>.

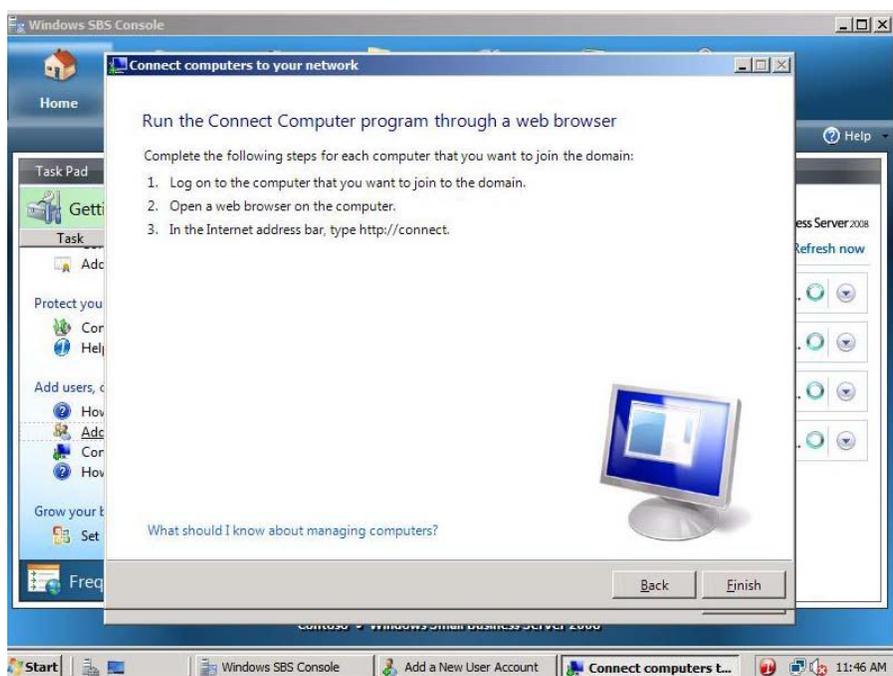


Figure 62 <http://connect/>

8. Click **Finish**.
9. Click **Finish**.

← Task 7: Set up your Microsoft Office Live Small Business account

1. Click the **Home** tab.
2. On the Getting Started Tasks, click **Set up your Microsoft Office Live Small Business account**.

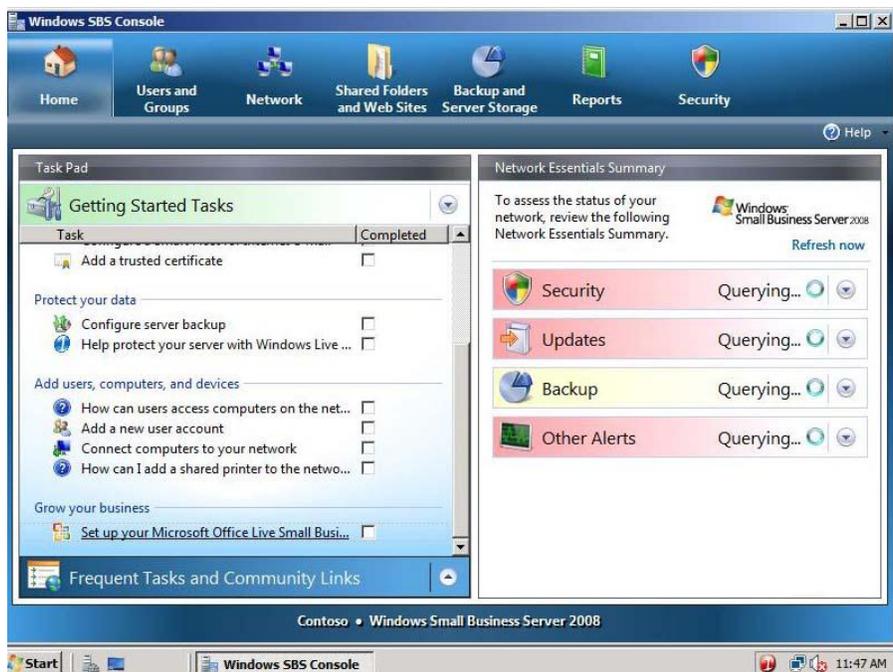


Figure 63 Windows SBS 2008 Console

Note:

If you do not have an Internet connection, skip this exercise. You can review the remaining steps to see the steps of the process.

3. On the **Getting Started** page, click **Next**.

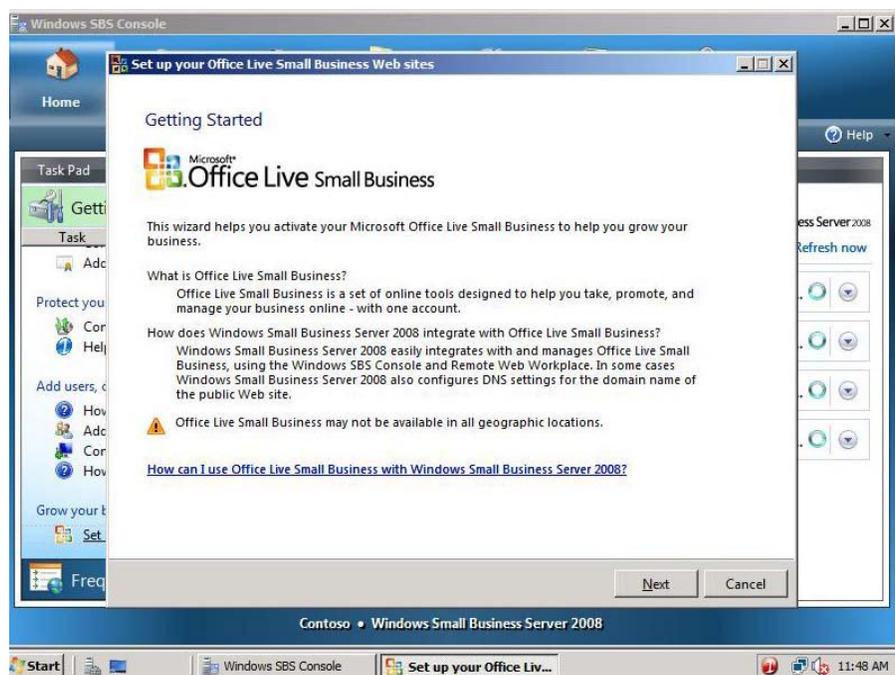


Figure 64 Getting Started page

4. Click **Sign up for a new Office Live Small Business account**.

Note:

If you do not have an Internet connection, click **Cancel** to exit the wizard.
You can review the remaining steps to see the steps of the process.

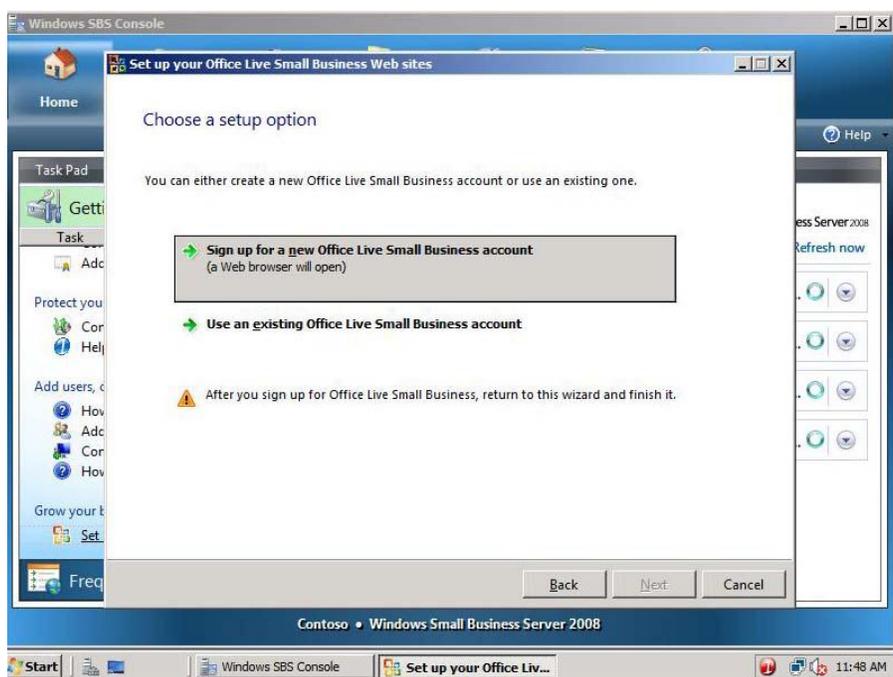


Figure 65 Choose a setup option page

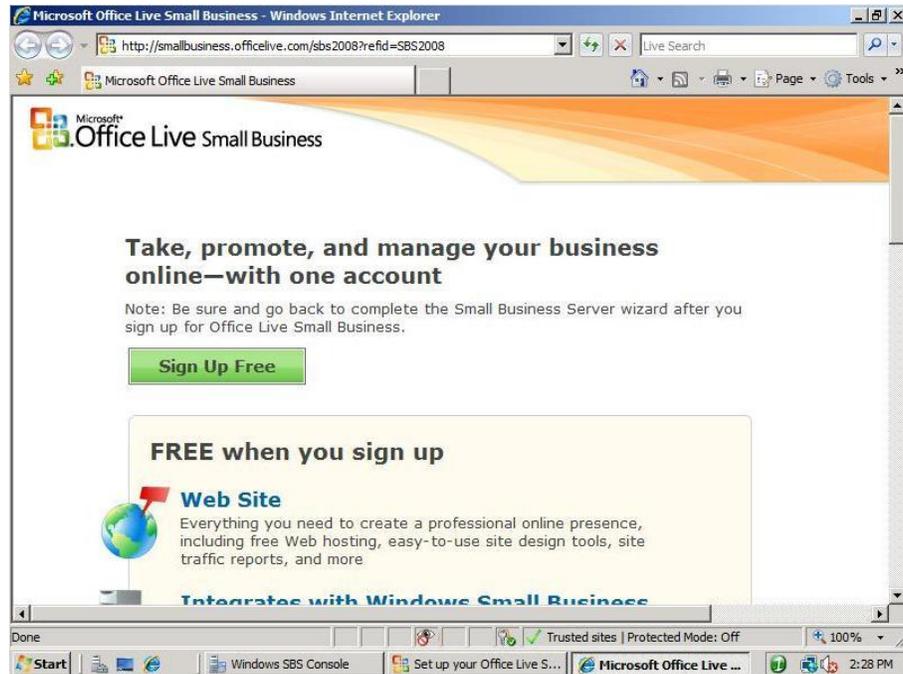
5. A Web browser opens; click **Sign Up Free**

Figure 66 Sign Up Free

6. Click **Sign in**.

Figure 67 Create a Windows Live ID or Sign in

7. Sign in with your Windows Live ID.

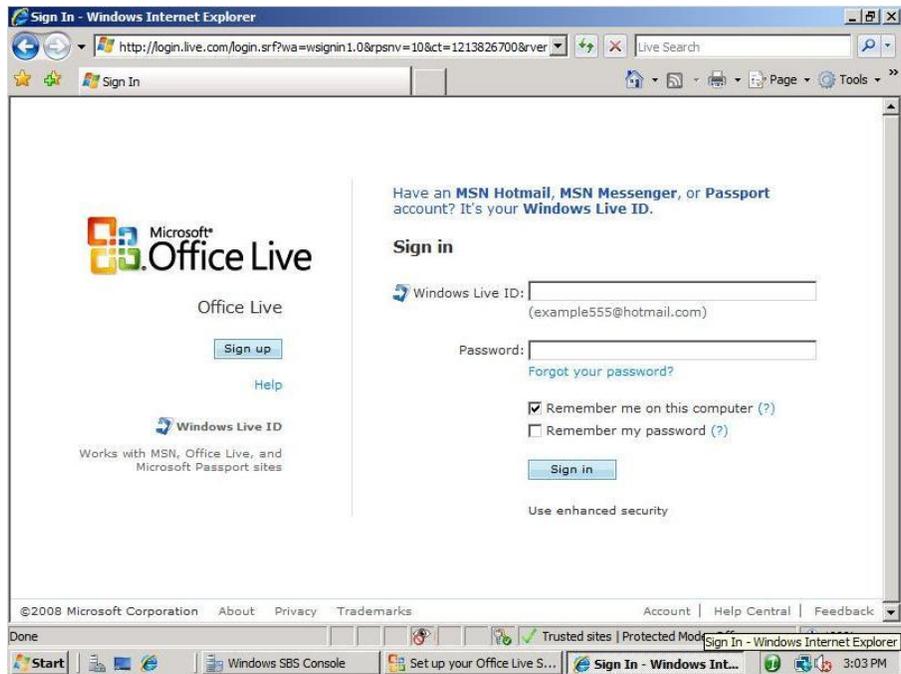


Figure 68 Sign in

8. Enter your information and click **Save and continue**.

9. Click **Go to my account**.

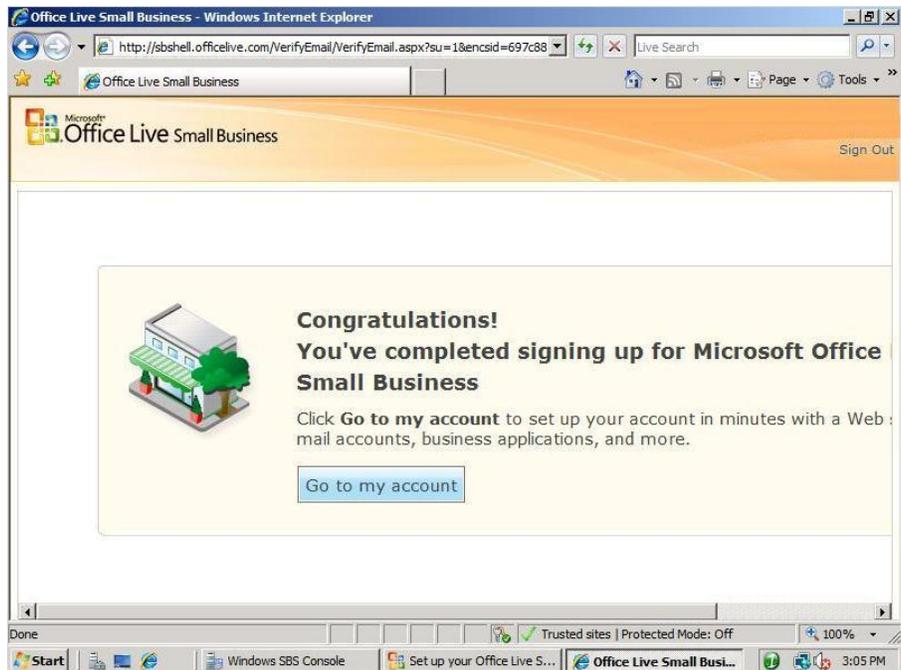


Figure 69 Sign up complete

10. You are now signed up for Microsoft Office Live. Navigate around your account to familiarize yourself with the service.

End of Lab