

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 <u>here</u>.

Task 0: Download the SBS installation ISO image

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





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.

Type your	product key for activation	on		
You can find y Windows pack to enter it may purchase anot key now.	your product key on your comp kage. Although you are not req y result in the loss of data, infor ther edition of Windows. We st	outer or on the installat uired to enter your pro mation, and programs rongly advise that you	ion disc holder insid duct key now to ins . You may be requir enter your product i	e the tall, failure ed to dentification
The pro Insta	all Windows			X
Product	Do you want to enter your pro If you choose not to enter the Windows later and potentially need to purchase another edit	duct key now? product key now, you i lose data, information, ion of Windows.	night need to reinst and programs, or y	all ou might
<u>Mhat is</u>			<u>Y</u> es	No
<u>R</u> ead our privacy	statement			Next

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

	Name		Total Size	Free Space	Туре	- 1
4	Disk 0 Unallo	cated Space	60.0 GB	60.0 GB		
3	Disk 1 Unallo	cated Space	60.0 GB	60.0 GB		
€n Be	fresh ad Driver	Delete	₽ Eormat	(* New		ext

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

Name		Total Size	Free Sp	асе Туре	
Disk 0 Ur	allocated Space	60.0 GB	60.0	GB	
Disk 1 Ur	allocated Space	60.0 GB	60.0	GB	
∲ <u>r</u> Refresh ⑧ <u>L</u> oad Driver	Delete	<u>F</u> ormat Size: و	+ №	MB Apply	Canc <u>e</u> l

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**

Name		Total Size	Free Space Ty	pe
Disk 0 Unalloca	ated Space	60.0 GB	60.0 GB	
Disk 1 Unalloca	ated Space	60.0 GB	60.0 GB	
✤ <u>R</u> efresh	Delete	Eormat	<mark>₩</mark> <u>New</u>	_

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.





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

Install Windows Small Business Server 2008		
Verify the clock and time zone settings Ensure that the clock and time zone settings on your system cloc a potential issue with certificates that may result in connectivity i	k are correct. The correct settings prevent sues.	
Open Date and time to verify the clock and time zone settings		
Why do I need to verify the clock and time zone settings?		
	Back Next Cancel	

Figure 13 Clock and time zone settings page

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

Install Windows	Small Business Server 2008	
Get impo	ortant updates	
	Go online and get the most recent installation updates (recommended) Critical updates and security updates help assure a successful installation and help make your network more secure.	
	Do not get the most recent installation updates Without these updates, the installation may not finish successfully, and your server may be less secure.	
Why should Read the W	I get updates? Indow: Small Rusiness Server 2008 privacy statement	
	Back Next Cancel	

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.

Install Windows Small Business Server 2	2008
Company information	
Information about your business is us not used to register your product. This	ed for settings on your server. It is not sent to Microsoft, and it is s information is optional.
B <u>u</u> siness name	
Street <u>a</u> ddress 1	
Street a <u>d</u> dress 2	
<u>C</u> ity	State/Province
<u>Z</u> IP/Postal Code	Country/ <u>R</u> egion
1	
Tell me how this information is used Read the Windows Small Business Ser	rver 2008 privacy statement
	Next 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	
----	------------	--

Install Windows Small Business Server 2008 Personalize your server and your petwork	
For example, Contoso Pharmaxy might choose CONTOSOSERVER) The exerce name If or example, Contoso Pharmaxy might choose CONTOSOSERVER) The server name Internal gomain name A short name is recommended (for example, Contoso Pharmacy might choose CONTOSO) The internal domain name distribution in the log on on their or opprovement. There are all opprovements the log on their company. The internal domain name distribution in the log on their consolution. The internal domain name after the installation finishes. Image: You cannot change these names after the installation finishes.	
What should I name my server and my internal domain?	1

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.

Install V	/indows Small Business Server 2008		
Ac Us	ld a network administrator accou e the network administrator account to man tallation finishes, you will be logged on aut	nt age your server and your network. When the omatically using this account.	
	Eirst name	Last name	
	Administrator <u>p</u> assword	<u>C</u> onfirm administrator password	
⊂ Pa © ©	assword requirements) The password must be at least 8 character) A password must contain at least 3 of the symbols.	s long. following 4 types of characters: A-Z, a-Z, 0-9, and	
wn	at is a network administrator account?		
		Back Next Cancel	

Figure 17 Add a network administrator account page

✓ Task 5: Finishing up

1. Review the settings, and then click Next.

Install Windov	rs Small Business Server 2008
That is	all the information needed
Please rev	iew the settings:
	Server name: SERVER
2.	Internal domain name: CONTOSO
~	Network administrator account name: RolandW
	After the installation finishes, use this account to logon on to the server to perform administrative tasks.
D B	Company name: Contoso
Â	After you click Next, you cannot change the server name or internal domain name.
Why can't	I change the server name or internal domain name later?
	<u>B</u> ack <u>N</u> ext Cancel

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.

rs SBS Johe	Successful installation You can start using your server now! Follow the Getting Started task list in the Windows 585 Console to finish setting up your server.	
	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.

Windows SDS Console Version of the intervet inter	Help
Were and Groups Wetwark Shared Folders Backup and Server Storage Reports Security Task Pad Task Pad Image: Security Network Security Reports Security Task Pad Task Totak Totak Connect to the Internet Connect to the Internet Connect to the Internet Connect to the Internet Connect to the Internet Image: Configure a Smath host for Internet e-mail Image: Configure a Smath host for Internet e-mail Image: Configure a Smath host for Internet e-mail Configure as math host for Internet e-mail Configure as math host for Internet e-mail Image: Configure as math host for Internet e-mail Add urer, computers, and devices Image: Configure as consulters on the network? Image: Configure as consulters on the network? Add urer, computers to your rebordt <t< th=""><th>() Help</th></t<>	() Help
Task Pad Network Essentials Summary Task Completed To assess the status of your network, reveal were the following Network Essentials Summary. Finish institution To assess the status of your network, reveal were the following Network Essentials Summary. Connect to the Internet Connect to the Internet Connect to the Internet Configure a Smart Host for Internet e-mail Configure a Smart Host for Internet e-mail Configure a Smart Host for Internet e-mail Add users, computers, and devices Configure server backup Mow can user access computers on the network? Add users to your retwork. How can users to computers to your network. Connect to menter to the network? How can user access computers on the network? How can user access computers to your network.	Help
Task Pad Network Essentials Summary I ask Completed Finish insultation I assess the status of your, network, reveal the following Network Essentials Summary. I make insultation I ask I using the Windows SBS Console I ask Connect to the Internet I ask Connect to the Internet I ask Construct a densis I ask Construct a test densis I ask Construct a test densis I ask Construct a test densis I ask Make and ask asked private certificate I ask Protect your data I ask Add users, computers on the network? I ask How can user access computers on the network? I ask How can user access computers to your network I ask How can user access computers on the network? I ask How can user access computers on the network? I ask How can user access computers to your network I ask How can user access computers on the network? I ask How can user access comp	rverzoa
Getting Started Tasks Task Completed Task Completed Finish installation Using the Windows SBS Console Connect to the Internet Connect to the Internet Connect to the Internet Connect to the Internet Configure a Smart Host for Internet e-mail Configure a Smart Host for Internet e-mail Protect your data Configure server backup Add sures; computers on the network? How can user acces: computers on the network? How can use	rver 202
Task Completed Finish installation Image: Small Busines S When is Exercise Summary. Refer Willing the Windows SBS Console Image: Small Busines S Connect to the Internet Image: Small Busines S Connect to the Internet e-mail Image: Small Busines S Configure server backup Image: Small Busines S Add users, computers on the network? Image: Small Busines S How can user saccount Ima	rver 2008
Finish installation Refer	
Wing the Windows SBS Console Connect to the Internet © Connect to the Internet © Cutomer teablack options © Cutomer teablack options © Cutomer teablack options © Consect to the Internet © Cutomer teablack options © Consect to the Internet © Consect to the Internet © Consect to the Internet © Consect to the Internet e-mail © Configure server backup Protect your data © Consect computers on the network? © How can lad a shared printer to the network? © How can lad a shared printer to the network?	h now
Connect to the Internet Connec	۲
© Customer feedback options © Customer feedback options © Configure Smart Host for Internet e-mail © Add a trusted certificate Protect your data Add users, computers, and devices Of work and users access computers on the network? © How can lad a shared pointer to the network?	
Set up your Internet address Configure a Smark Hot for Internet e-mail Add a trusted certificate Protect your data Sconfigure server backup Add users, computers, and devices Add vers access computers on the network? Add arew user account to your network Connect computers to your network? How can laid a shared printer to the network? How can laid a shared printer to the network?	
Configure 3 Smart host for Internet e-mail Configure 3 Smart host f	۲
Add a trusted certificate Protecty our data Configure server backup Add users, computers, and devices Add a new user accoss computers on the network? Add a new user accoss computers on the network? Connect computers to your network Connect computers Connect co	
Protect your data Configure server backup Add users, computers, and devices Cd users, computers, and devices Cd users access computers on the network? Cd users access to your network Cd users	
Add users, computers, and devices Image: Add a new user access computers on the network? Image: Add a new user account Image: Connect computers to your network: Image: Add a shared printer to the network?	
How can users access computers on the network? Add a new user account Connect computers to your network: Onnect computers to your network: Oncount add a shared printer to the network?	
Add a new user account	
Connect computers to your network O How can I add a shared printer to the network?	
When an I add a shared printer to the network?	
Grow your business	
😫 Set up your Microsoft Office Live Small Business Web sites 🛛	
Frequent Tasks and Community Links	
Contoso • Windows Small Business Server 2008	

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**.

Home Users and	Network Shared Folders Backup and Renarts Scruitte	
Groups	Connect to the Internet	() He
ask Pad Getting Started Task: Task inish installation	Before you begin This wizard helps you set up your network to connect to the Internet.	Windows Small Business Server 20 Refresh nov
Using the Windows SBS C onnect to the Internet	To finish this wizard, you need the following:	OK 🔮 😒
Connect to the Internet Customer feedback optic Set up your Internet addr Configure a Smart Host f	In the avalances of the international interface on your router. The logonit information for your router, which is usually in the documentation from the router manufacturer.	OK Ø 😨
rotect your data Configure server backup dd users, computers, and device O How can users access coi A, Add a new user account Connect computers to yc O How can I add a shared p	Tell me more about connecting to the Internet (i) After your click Next, the server thies to find your router. If your router is found, the wizard tests your Internet connection. No information is sent to Microsoft.	
row your business	Next Cancel	
Frequent Tasks and C	pmmunity Links	

Figure 23 Before you begin page

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



Figure 24 Router IP address page

E _n Windows SB	IS Console	_D×
de la constante de la constant	Connect to the Internet	
Task Pad Getti Task Finish instal @ Usir Connect to @ Cor @ Cus @ Set Cus & Set Cus & Set	Please wait while the server looks for your router and finishes configuring your server. Network IP Adr Connect to the Internet Image: Server I Image: Server I	ess Serverzoos Refresh now
Protect you	How do I find out the IP address of my router? Back Next Cancel	
	Contoso • Windows Small Business Server 2008	
🎊 Start 🗍 🚠	📃 🔰 Windows SBS Console 🛛 🚳 Connect to the Intern	🔂 🕼 11:14 AM

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

()	Connect to the Internet	×I
Home ask Pad ask Pad Getti Task inish instal Ousir Connect to Cor Cor Cor Cor Adc rotect you Cor Cor Cor Cor Cor Cor Cor Cor	Prepare to configure your router To ensure that all of the server features are available, you must manually configure the Internet connection on your router. To manually configure your router, you need the following: To manually configure your router, which is usually in the documentation from the router manufacturer. Instructions for configuring the router, which are also in the documentation from the router manufacturer. Instructions for connecting to the Internet, which are provided by your Internet service provider.	ess Server 20 cefresh nov . ○ ⊗ . ○ ⊗ . ○ ⊗
dd users, c	Back Next Cancel Contoso • Windows Small Business Server 2008	

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**.

Connect to the Internet Home Configure your router Task Pad If Click Manage router to open the router administration console. Manage router After you set up your router, dick the Test button to verify that your router is connected to the Internet. Image router After you set up your router, dick the Test button to verify that your router is connected to the Internet. Image router After you set up your router, dick the Test button to verify that your router is connected to the Internet. Image router After you set up your router, dick the Test button to verify that your router is connected to the Internet. Image router Image router After you set up your router, dick the Test button to verify that your router is connected to the Internet. Image router Image	
Home Configure your router Task Pad To set up the router connection to the Internet, use the router administration console. Getti Image router to open the router administration console. Task Manage router Task After you set up your router, click the Test button to verify that your router is connected to the Internet. Image router Image router Task To test your Internet connection, the wizard contacts a public server. Consect to To test your Internet connection, the wizard contacts a public server. Set Corr Corr Corr	1
Protect you Cor Hel	ess Server 2028 Refresh now . O S . O S . O S
Freq Back Next Cancel	

Figure 28 Configure your router page

16. Click Skip test.



Figure 29 Skip test

17. Click Finish.

g Windows SBS C	onsole	
۵ 🏠	Connect to the Internet	
Home	Your network is now connected to the Internet!	@iHelp
Task Pad	Vou have successfully completed the Connect to the Internet Wizard.	
Getti Task		ess Server 2008
Finish instal		Refresh now
Connect to		
Cor Cus		
Cor Adc		
Protect you		
🕐 Cor		
Add users of		<u> </u>
	Contoso • Windows Small Business Server 2008	
Start 🛛 🚠 🔳	Windows SBS Console	🕖 🕑 🌗 11:23 AM

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.

indows S8S/	Console								
	89.		1	4	9	-			
Home	Users and Groups	Network	Shared Folders and Web Sites	Backup and Server Storage	Reports	Security			
	-							-	(2) He
ask Pad		😲 Internet A	ddress Manageme	int					
Gettir	on Started Task							No Condense	
Tech	ig started rask.	Before	you begin					Small Business	Server 20
I d3K	tion	This wiz	rd helps you establi	sh a presence for yo	our small busines	on the Internet. It also e	nables	Refr	esh nov
	the Windows SBS (If you ar	registering a new	domain, make sure t	that you have the	following information av	railable:	014	
- Costing	,	a you a	in idea for the dom:	ain name that you w	ant for example	contoso.com.		OK	
onnect to th	he Internet	:	One or more alternal	te names, in case yo	ur first choice is r	ot available.		OK	
Conr	ect to the Internet	•	credit card to pay r	or the domain ham	e registration.			UK	
🦉 Custo	omer feedback optic n vour Internet addr	If you al	eady have a domain	name, make sure th	hat you have the f	ollowing information ava	ailable:	OK	
Conf	igure a Smart Host f	•	he name of your Int	ernet domain.				OK .	
🟹 Add :	a trusted certificate	:	he name of your do he logon informatio	main provider. on for your domain	provider.			OK C	
otectivour	data								10
Conf	igure server backup								
	garerererer								
dd users, co	omputers, and devic	•							
How	can users access co								
Add :	a new user account	(i) The	amount of time it ta	kes to complete thi	s wizard can vary,	depending on the availa	bility of		
How	can I add a shared p	fad	ors.	names, the type and	speed of your In	connection, and p			
row your bu	usiness					Next	Cancel		
Set u	p your Microsoft Of					<u>IN</u> EX	Cancer		
-		_							
🍯 Frequ	ient Tasks and (•			
			¢.	ontosa • Window	s Small Business	Server 2008			
			1		_				

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.

sbsdemo - serve Windows SBS C	er - Remote Deskte Ionsole	op	_	_	_	_	_	
de la constante de la constant	Users and Groups	Network	Shared Folders and Web Sites	G Backup and Server Storage	Reports	ecurity		
Task Pad	_	🔁 Internet A	ddress Managem	ent				() Help
Task Finish installat Pinish installat Connect to th Connect t	g Started Task ion ion is Interest is In	Store ty Type the Importa- Monoration (For C	vour domain na domain name and te In order for e-ma anin name provider sain name and exter example, contoso.c anced settings	ame informatico extension that you u il and Web requests and manually config- nsion:	N and to use. To reach the serve and the serve the DNS sett	er, you must visit the W	teb site for nver,	Querying O O Querying O O Querying O O Querying O O Querying O O O Querying O O
Grow your bus	iness your Microsoft O	A				<u>B</u> ack Confi	igure Cancel	
Freque	ent Tasks and	Community	Links			•		
			6	ontosa • Window	s Small Business	Server 2008		

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

- 3. 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.
- 4. Select I do not need to configure a Smart Host server for Internet e-mail, and then click Next.

👷 Windows SBS Co	nsole	
🚯 📼	Configure Internet Mail	×
Home Task Pad Getti Task Finish instal Output Connect to Cor Cor Cos Set Cor Adc Protect you Cor Helj	Specify settings for outbound Internet mail Image: Specify settings for outbound Internet mail Image: Specify settings for outbound Internet mail Specify settings for outbound Internet mail Specify settings for outbound in name or IP address of the Internet mail Specify settings for outbound from your Internet Service Provider (ISP). E-mail that you send over the Internet is forwarded through this server. Image: Specify settings for outbound internet service Provider requires authentication User name: Password: Image: Im	 Help ess Server 2008 Refresh now Refresh now Refresh Row Ref
Add users o	Back Next Cancel	1
	Contoso • Windows Small Business Server 2008	
🏷 Start 🛛 🚠 🔳	🔡 Windows SBS Console) 🗊 🏠 11:31 AM

Figure 39 Specify settings for outbound Internet mail page

5. 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.

Vindows SBS	5 Console						
de la constante de la constant	Users and Groups	Network	Shared Folders and Web Sites	Backup and Server Storage	Reports	Security	A 111
				1		_	() Help
lask Pad				Network	Essentials Summary		
Getti Task	ng Started Tasks		Completed	To asses network Network	s the status of your , review the following : Essentials Summary.	Windows Small Business Refr	Server 2008 esh now
Osin	g the Windows SBS co	onsole		1	Security	Querying 🤇	
Connect to t	he Internet nect to the Internet		Ē		Updates	Querying	
Set u	omer feedback option op your Internet addre figure a Smart Host fo	ns ss ir Internet e-mai		3	Backup	Querying 🤇	
Add	a trusted certificate				Other Alerts	Querying 🤇	
Vrotect your	data figure server backup protect your server w	vith Windows Liv	Г ие Г				
Add users, c	omputers, and device uent Tasks and C	s ommunity L	inks	•			
		Cont	oso • Windows	imall Business Ser	ver 2008		
art 🛛 🎍	🔳 🛛 🔒 w	indows SBS Co	nsole			9	11:32

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

📲 Windows SBS Con	sole				-o×
Home Rome	dd a Trusted Certificate Choose an installed	certificate			
Task Pad	The following certificates Choose the certificate tha	are already installed on your so t you want to use.	erver, but they may n	ot be currently in use.	(2) Help
Task	Issued to:	Issued by:	Expiration date:	Туре:	ess Server 2008
Finish instal	remote.contoso.com	CONTOSO-CONTOSOSER.	6/19/2010	Self-issued	Refresh now
2 Usir					.0 .
Connect to					00
Ker Cor					. 🗸 🔘
👰 Cus	View certificate				
🏟 Set	C 5				. 🔾 💿
🖃 Cor					
Adc	Why isn't my certificate lis	ted here?			.0
Protect you					
Cor					
Add users. c					
Freq			<u>B</u> ack	Next	Cancel
		Contoso • Windows Small	Business Server 20 Add a Truste	08 Certificate	
🐉 Start 🛛 🏭 🔳	Windows SBS	Console Add a Tru	sted Certific		🕖 🖶 🕼 11:34 AM

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**.

ome	General Details Certification Path	- 1	() H
k Pad	Certificate Information	not be currently in use.	
Getti	This certificate is intended for the following purpose(s):		ess Server2
Task		Self-issued	Refresh no
O Usir			. 0 💿
nnect to			
😒 Cor	Issued to: remote.contoso.com		. 0 💿
Set	Issued by: CONTOSO_CONTOSOSERVER_CA		. 🔘 💿
Cor	ISSUED BY. CONTOSO-CONTOSOSERVEN-CA		00
	Valid from 6/19/2008 to 6/19/2010		. 🔾 🕲
Cor	You have a private key that corresponds to this certificate.		
🧑 Helj	• Issuer Statement		
lusers, c	Learn more about <u>certificates</u>		
Freq		Next Canc	el

Figure 45 Certificate properties

- 6. Click Next.
- 7. Click Finish.

👷 Windows SBS (Console	_0×
۵ 🏠	Add a Trusted Certificate	
Home	The trusted certificate is imported successfully	🕐 Help
Task Pad Getti Task Finish instal	🔇 Import the trusted certificate to Remote Web Workplace.	ess Server 2008 Refresh now
 Ø Usir Connect to Cor 		. O 💿
ØØ Cus ♦ Set ☑ Cor ☑ Adc		.0 .
Protect you Cor Helj		
Add users of Freq		Einish
	Contoso • Windows Small Business Server 2008	
🕽 Start 🛛 🚠 🖪	Windows SBS Console	🕖 🗊 🔥 11:35 AM

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.

ome	Court the book			
	Specify the backu	p destination		@ Hel
	Select one or	more external disk drives where you wa	nt to store your backup. It's recomm	ended
sk Pad	that you back	up to at least two external disk drives. T	'his way, you can store one of the ex	ternal
Getti	uisk unves at a	an offsite location.		100
Tack	Disk Drive	Name	Size	ess Server 200
TOSK	Disk [1]	Virtual HD ATA Device	126 GB	Refresh now
ish instal				
2 Usir				. O 💿
and the second second				
nnect to	1			OQ
Cor	Show all valid in	nternal and external backup destination	IS <u>R</u> efresh	. • •
Cus			6200 B.	00
Set				. 🗸 🔘
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tect you	What do I need to know	w about choosing the backup dectination	202	
tect you <u>Cor</u> Heli	what do Theed to know	w about choosing the backup destination		
tect you <u>Cor</u> Helj				
tect you <u>Cor</u> Help d users, c				
tect you Cor Heli dusers, c			Back Next	Cancel
tect you Cor Help Lusers c Freq			Back Next	Cancel

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**.

ome 🗠	Compare Server backup			
	Select drives to back	dr		@ He
sk Pad	Which drives would you like	to backup?		
Getti	Drive	Status	Size	
Task	🗹 💒 (C:)	Included by default	18GB	ess Server 200
ish instal				lefresh nov
😨 Usir				. 🔾 💿
nnect to				00
Cor	1	i.		. U 🕲
👰 Cus	Back up all			00
Cor	You cannot exclude from a l	backup any drives that contain op	erating system files or critical	. • •
🙀 Adc	applications.			.0 @
tect you				
Cor				
Help	What should I back up?			
d users, c				
Freq			Back Nevt	Cancel
g ricq				
	6	ontoco + Windows Small Rusia	ess Server 2008	

Figure 51 Select drives to back up page

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

Home Task Pad	Configure Server Backup Specify the backup schedule Choose when you want to back up your data, and then add the time to the backup schedule. You o schedule backups for multiple times during the day.	can
Task Task inish instal OUSIC Connect to Con Con Cos Cos Cor Cos Cos Cos Cos Cos Cos Cos Cos	Backup Schedule Once a day Twice a day G Twice a day G Custom G 6:30 PM Too PM Too PM B:30 PM B:30 PM B:30 PM B:30 PM B:30 PM Wou must select at least one time to run backup each day.	ess Server zors Refresh now O O O O O O O O O O O O O
rotect you <u>Cor</u> Helj dd users, c	What should I know about scheduling backups?	
🕤 Freq	Eack Next Contoso • Windows Small Business Server 2008	Cancel

Figure 52 Specify the backup schedule page

- 🗒 Windows SBS Conse 상 Configure Server Backur - IIX Home Confirm backup details 0 You are about to create the following backup schedule: Task Pad Backup destinations: 💼 Backup Drive 1 (Disk1) Getti s Server 2008 Task lefresh now Finish instal 🙆 Usir Backup items: 🏭 (C:) 0 0 Connect to 0 0 Cor 👰 Cus Backup schedule: 🏾 🐜 Everyday 5:00 PM 🏟 Set 0 0 Everyday 11:00 PM Cor 🙀 Ado 0 0 Protect you Cor Freq Configure Cancel Back Contoso • Windows Small Business Server 2008 Windows SBS Console 🏷 Start 🗍 🏭 🔳 Configure Server Bac... 🕖 📑 🥼 11:39 AM
- 8. Review backup details, and then click **Configure**.

Figure 53 Confirm backup details page

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

Windows SBS	Console	
	t Configure Server Backup	<u>- I X</u>
Home	Confirm backup details	@ Help
Task Pad	You are about to create the following backup schedule:	
Getti	Backup destinations: Backup Drive 1 (Disk1)	
Task	Configure Server Backup	ess Server 2008
Finish instal	You are about to format the selected disk drives!	Kefresh now
🕜 Usir	Backup if If you continue, you will lose all data on the disk drives. Also,	. 🔍 💿
Connect to	backups. Do you want to continue?	00
Ker Cor	Yes No	. • •
🤹 Set	Backup sche	. 🔾 😒
Adc		.00
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Freq	Back Configure Ca	incel
	Contoso • Windows Small Business Server 2008	
Start	Windows SBS Console	🕖 💽 🏠 11:40 AM

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**

de la constante de la constant	Users and Groups	Network	Shared Folders and Web Sites	Backup and Server Storage	Reports	ecurity	-	
Task Pad		👗 Add a New	User Account					() Hel
Frequent tas Add Add Add Add Add Add Con Go t Go t	Lent Tasks and i ks	Add a 1	Erst name	Last name	a user role	×		
							Next Cancel	
🕌 Getti	ng Started Task	s						

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

sbsdemo - server - Remote Deskto	9P	
Home Groups	Network Shared Folders Backup and and Web Sites Server Storage Reports Security	() Help
Task Pad	Add a New User Account	
Frequent Tasks and of Frequent Tasks and of Frequent Tasks Add a new user account Add a new shared folder Add a new shared folder Add a new shared folder Configure server backup Go to Updates Go to Updates Go to Computers Community links Community links Windows Small Business Windows Small Business Windows Small Business	Create a password for accessing your network	Windows Small Business Server zoos Refresh now Querying OK OK OK OK OK
Getting Started Task	Uppercase letters, lowercase letters, numbers, and symbols. Descent of the password cannot contain the user account name, the user's first name, or the user's last name. Back Add user account Cancel Contoso • Windows Small Business Server 2008 Windows SBS Console Add a New User Accou.	

Figure 58 Add user account page

4. Click Add a new computer for Don.

Home Groups	Network	Shared Folders and Web Sites	Backup and Server Storage	Reports	ecurity		
							🕐 не
Task Pad	👃 Add a New	User Account				X	
Frequent Tasks an Frequent tasks Add a new user accou	d (User a nt Debra Ga	ccount Debra (arcia can now acces	Sarcia has beer s the network resou	n successfully arces, send e-mail	added to the netv , and work from a remo	vork	Mindows Small Business Server x Refresh nov
Add a new shared fold Add a new report Open the Welcome Ci Open the Velcome Ci Onfigure server back Configure server back	er A Welcor nto How do I	me e-mail message I manage user acco	was sent to Debra unts?	Garcia.			ок 🖉 😒
Go to Oputes Go to Computers Community links							Querying 🗸 🕑
Windows Small Busin Windows Small Busin Windows Small Busin Official Windows SBS	SS Blo Assign a	n existing compute Assign an exis Debra Garcia.	er to Debra ting computer to	→ Add a	new computer for Deb To add a new c network for Deb Web browser fr computer, and f	ra omputer to the ira Garcia, open a om the new then type http://co	
🕌 Getting Started Ta	sks				•	Einish	

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: <u>http://connect</u>.



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**.

Home Users and Groups Network Shared Folders Backup and erver Storage Reports Security Task Task Add a trusted certificate Protect your data Protect your data Protect your server with Windows Live How can users access computers on the net Add users, computers, and devices Phow can users access computers on the net Add users, computers, and devices How can ladd a shared printer to the netwo Status Stup your Microsoft Office Live Small Business	-19
Home Users and Groups Network Shared Folders and Web Sites Backup and Server Storage Reports Security ask Pad Image: Started Tasks Image: Startesks Image:	
ask Pad Add a trusted certificate To assess the status of your network, review the following Network Essentials Summary. To assess the status of your network, review the following Network Essentials Summary. To assess the status of your network, review the following Network Essentials Summary. To assess the status of your network, review the following Network Essentials Summary. To assess the status of your network, review the following Network Essentials Summary. To assess the status of your network and trust of the network, review the following Network Essentials Summary. To assess the status of your network and trust of your network, review the following Network Essentials Summary. Windows: Small Business & Backup Querying Or Security Querying Or Backup Querying Or	
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Getting Started Tasks Task Add a trusted certificate Add a trusted certificate Configure server backup Help protect your server with Windows Live Help protect your server with Windows Live How can users access computers on the net Add a shared printer to the network. How can 1 add a shared printer to the network. Your business Set up your Microsoft Office Live Small Busin	
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rotect your data Configure server backup Help protect your server with Windows Live How can users access computers on the net How can users access computers on the net Connect computers to your network How can 1 add a shared printer to the netwo Now your business Set up your Microsoft Office Live Small Busi Kadda access computers to your network Kadda access computers to the netwo Kadda access computers to your network Kadda access computers to your help t	
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⁸⁸ Add a new user account ¹⁰ Connect computers to your network ¹⁰ Connect computers to your network ¹⁰ Other Alerts ¹⁰ Querying • ¹⁰ How can I add a shared printer to the netwo ¹⁰ Other Alerts ¹⁰ Querying • ¹⁰ Set up your Microsoft Office Live Small Busi ¹⁰	in entral
Connect computers to your network How can I add a shared printer to the netwo row your business Set up your Microsoft Office Live Small Busi	\odot
irow your business	
Set up your Microsoft Office Live Small Busi	
🕤 Frequent Tasks and Community Links 💿	
Contoso • Windows Small Business Server 2008	

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.

Windows SBS Co	onsole	
🚯 🖹	Set up your Office Live Small Business Web sites	×
Home	Choose a setup option	() Help
Task Pad	You can either create a new Office Live Small Business account or use an existing one.	
Task Adc	Sign up for a <u>n</u> ew Office Live Small Business account (a Web browser will open)	ess Server 2008 Refresh now
Protect you Cor Help	Use an existing Office Live Small Business account	. O 💿 . O 💿
Add users, c Post Adc Adc Cor Post Hov	After you sign up for Office Live Small Business, return to this wizard and finish it.	. 0 💿 . 0 💿
Grow your t		
Freq	Back Next Cancel Contoso • Windows Small Business Server 2008	
itart 🛃 📰	📑 Windows SBS Console)

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.

] https://home.officelive.com/Signup/Default.aspx?sku=SBBase&signupsrc 🔽 🔒 🐓 🗙 Live Sea	arch 🦉
🕸 🔊	licrosoft Office Live Sign-up] 🔹 🖶 🔹 🎰 Page 🔹 🎯 Tools 🔹
B.Offic	ce Live Small Business	
	Sign up for Microsoft Office Live Small Business (United St * Required Fields	rates)
	E-mail address	
	If your e-mail address in a you win use to sign into you once tive a with it.	n sign in Sign in
	You can create a Windows Live ID by associating it with an existing e-mail at Your e-mail address :	ddress. Create
	Enter your password information	
	Enter your information	
	of Corporation All rights reserved Accessibility Support Jegal Privacy	Hain Feedback

Figure 67 Create a Windows Live ID or Sign in

7. Sign in with your Windows Live ID.

~			~ ~
×	Sign In	👔 🔹 🖾 👻 👘 🕶 🔂 Page 🕶 🕅	Gi To
	Microsoft Office Live Office Live Sign up Help Windows Live ID Works with MSN, Office Live, and	Have an MSN Hotmail, MSN Messenger, or Passport account? It's your Windows Live ID. Sign in Windows Live ID: (example555@hotmail.com) Password: Forgot your password? Remember me on this computer (?) Remember my password (?) Sign in Use enhanced security	
08 MI	icrosoft Corporation About Privacy	Trademarks Account Help Central F	eedb

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