Add an Image to a Windows 2012 WDS Server

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Windows Deployment Services Window

On the server that is running the Windows Deployment Service, we visit the Server Manager. We click on Tools and choose the Windows Deployment Services to add Windows 8 as another Install image

This WDS server is a member server of an Active Directory domain. We need to have a DHCP and DNS server on the network. We need have a Windows 8 operating system disk and a client computer that can boot to the network.

Select the Next button to continue.



Add Image Group

Our next image we will load is the Windows 8 operating system. We right click on the Install Images folder and we choose Add Image Group. We type Windows 8 64 bit as the new image group name and pick OK button to continue.

¥	Windows Deployment Services	_		x	
File Action View Help					
 Windows Deployment Services Servers Charm-wds.charm.local Charm-wds.charm.local Charm-wds.charm.local Boot Images Boot Images Pending Devices Multicast Transmissions Crivers Active Directory Prestaged Devices 	Install Images 0 Image Group(s) Image Group There are no items to show in this view. Add Install Image Add Image Group View Arrange Icons Line up Icons Line up Icons Help Image Icons	ges 0 Image Group(s) up There are no items to show in this view. Add Install Image Add Image Group View Arrange Icons Line up Icons Help			
	Add Image Group				
Enter a Windov	name for the image group: v 8 64 bit				
Adds an image group.	OK Cancel				

Add Install Image

The Windows 8 group name is now listed under the Windows 7 group name. We should right click on Windows 8 64 bit group and we double click on Add Install Image.

🙅 Windows Deployment Services							
File Action View Help							
🗢 🔿 🙋 🔜 🗙 🛃 🚺							
Windows Deployment Services	Window 8 64 b	oit 0 Install Imag	e(s)				
A Servers	Image Name	Architecture	Status	Expanded Size	Date	OS Version	Priority
⊿ 📔 Install Images 🖉 Window <u>8.64 bit</u>		Th	ere are no i	items to show in th	is view.		
🖾 Boot Image 🛛 Add Insta	ll Image						
 ▷ 100 Pending Detemp ▷ 100 Pending Detemp ▷ 100 Pending Detemp ▷ 100 Pending Detemp ○ 100 Pending Detemp							
	•						
Rename							
Export Lis	t						
Help							
Add &install image							

Install.wim

We will place the Windows 8 operating system CD in the E drive (CDROM), and we pick the Browse button.

🙅 Select Windows Image File 🗙								
🔄 🍥 🔻 🕇 🚺 « D	VD RW Drive (D:) HRM_CCS > so	urces > v 🖒 Search sou	rces 🔎					
Organize 💌			:= - 🔟 🔞					
Documents	Name	Date modified Type	Size					
Music El Pictures	▲ Files Currently on the Dis	c (11)						
Videos	🍌 dlmanifests	7/26/2012 4:23 AM File folder						
	🍌 en-us	7/26/2012 4:23 AM File folder						
👰 Computer	퉬 etwproviders	7/26/2012 4:23 AM File folder						
🃥 Local Disk (C:)	퉬 inf	7/26/2012 4:23 AM File folder						
🖆 DVD RW Drive (D	퉬 migration	7/26/2012 4:23 AM File folder						
🌗 boot 🔳	퉬 replacementmanifests	7/26/2012 4:23 AM File folder						
🐌 efi	SX5	7/26/2012 4:23 AM File folder						
sources	퉬 vista	7/26/2012 4:23 AM File folder						
l support	퉬 хр	7/26/2012 4:23 AM File folder						
👝 New Volume (E:)	boot.wim	7/26/2012 4:23 AM WIM File	197,439 KB					
a 2012DISK (F:)	install.wim	7/26/2012 4:23 AM WIM File	2,931,325 KB					
File <u>n</u>	ame: install.wim Type: WIM Fil Size: 2.79 GB Date modified	e Vindows d: 7/26/2012 4:23 AM Qpen	image files (*.wim) V					



In the sources folder of the Windows 8 DVD, we can see the "install.wim" file we need to install an image on the WDS server. We highlight the file and we choose the Open button to continue. The Image File window has the file location, so we push the Next button.

List of Images Available

In this dialogue box, we can check the images we wish to load. On some discs there are more than a single image, so we can check the ones we wish to have in the group. We checked the Window 8 Pro and Windows 8 images and we will advance by selecting the Next button.

4		Add	Image Wizard	x
Ava	iilable Images			
	The file that you spec want to add to the ser	ified contains ti ver.	he following images. Select the images that	you
	Name	Architecture	Description	
	Vindows 8 Pro	x64	Windows 8 Pro	
	✓ Windows 8	x64	Windows 8	
	✓ Use the <u>d</u> efault na	me and descrip	otion for each of the selected images	
			< <u>B</u> ack <u>N</u> ext >	Cancel

Summary

Before creating the image, we review the settings. If we wish, we can back through the windows and change a previous response. If we agree with the review information, we will press the Next button.

<u>\$</u>		Add Image Wizard	X
Su	immary		
	You have selected th	he following images	
	Image group:	Window 8 64 bit	
	Image file:	D:\sources\install.wim	
	Selected images:		
	Name Windows 8 Pro Windows 8		
	To change your sele Next.	ction, click Back. To add the selected images to the server,	click
		< <u>B</u> ack <u>N</u> ext >	Cancel

Add Install Image

An image of the operating system will be written to the D: drive on the WDS server. When the process is complete, we can load the operating system over the network.

We select the Finish button when the task progress bar is 100% filled.

4	Add Image Wizard	x
Та	ask Progress	
	The operation is complete	
	The selected images were successfully added to the server.	
	< <u>B</u> ack Finish C	ancel

Windows 8 64 Bit Install Images

Under the Windows 8 64 bit group, we can see 2 Windows 8 64 Bit Images. Next, we will install the boot image.



Add Boot Image

We should right click on Boot Images and we double click on Add Boot Image.

썦	Windo	ws Deployme	nt Service	es		_	
File Action View Help							
🗢 🏟 🙍 🖬 📾 🚺							
Windows Deployment Services	Boot Images	0 Boot Image(s)					
▲ Servers	Image Name	Architecture	Status	Expanded Size	e Date	OS Version	Priority
∠ Charm-wds.charm.iocai ∠ Charm-wds.charm.iocai		Th	ere are no i	tems to show ir	n this view.		
🚪 Window 8 64 bit							
📓 Boot Images							
Pending Devices Multicast Transmissions							
Drivers							
Active Directory Prestaged Devices							
			Deathread	_			
		Add	boot image	e			
		View	1	• •			
		Arra	nge Icons	•			
		Line	up lcons				
		Help)				
Adda - Daatalaan ahadda aanaa							
Adds a Boot Image to the server.							

Location of the Windows CD

Image File

Add Image Wizard

4

With the Windows 8 operating system CD still in the E drive (CDROM), we choose the Browse button to locate the Boot image on the DVD.

the DVD.			eon		Enter the location of the Windows image file that contains the images to add.
_17.				Y	File location:
₩	Select Windows Image	File	l.	^	D:\sources\boot.wim Browse
🍥 🕘 🔻 🕇 🚺 « DV	'D RW Drive (D:) HRM_CCS ► sources ►	✓ C Search sou	irces 🖉	ρ	
Organize 🔻			= • 🔲	0	
🔛 Recent places \land	Name	Date modified	Туре	<u>م</u>	Note: The default boot and install images (Boot.wim and Install.wim) are located on the installation DVD in the \Sources folder.
늵 Libraries	Files Currently on the Disc (11)			-	
Documents	Julianifests	7/26/2012 4:23 AM	File folder		
🌙 Music	🍌 en-us	7/26/2012 4:23 AM	File folder		Many information, also at improve and improve has a
Pictures	퉬 etwproviders	7/26/2012 4:23 AM	File folder		Nore information about images and image types
🛃 Videos	퉬 inf	7/26/2012 4:23 AM	File folder	=	
=	鷆 migration	7/26/2012 4:23 AM	File folder		
🖳 Computer	퉬 replacementmanifests	7/26/2012 4:23 AM	File folder		
🃥 Local Disk (C:)	퉬 sxs	7/26/2012 4:23 AM	File folder		
单 DVD RW Drive (D	퉬 vista	7/26/2012 4:23 AM	File folder		
👝 New Volume (E:)	퉬 хр	7/26/2012 4:23 AM	File folder		
2012DISK (F:)	boot.wim	7/26/2012 4:23 AM	WIM File		
· · · · · ·	install.wim	7/26/2012 4:23 AM	WIM File	>	
File <u>n</u> a	me: boot.wim	✓ Windows	image files (*.wim)	~	
		<u>O</u> per	Cancel	.	< <u>B</u> ack <u>Next</u> Cancel

In the sources folder of the Windows 8 DVD, we can find the "boot.wim" file that we need to install a Windows 8 boot image on the WDS server. We highlight the file and we choose the Open button to continue.

Image Metadata

In this window, we have the opportunity to name and describe the image . We choose the defaults and we select Next.

4	Add Image Wizard		x
h	mage Metadata		
	Enter a name and description for the following image: 'Microsoft Windows Setup (x64)' Image name: Microsoft Windows Setup (x64) Image description: Microsoft Windows Setup (x64) Image architecture: x64		
	< <u>B</u> ack	<u>N</u> ext >	Cancel

Summary

Before creating the boot image, we review the settings. If we wish, we can back through the windows and change a previous response. If we agree with the review information, we will press the Next button.

4		Add Image Wizard	x
S	Summary		
	You have selected	d the following images	
	Image group:	Boot Images	
	Image file:	D:\sources\boot.wim	
	Selected images:		
	Name Microsoft Windo	ws Setup (x64)	
	To change your se Next.	election, click Back. To add the selected images to the server, click	¢
		< <u>B</u> ack <u>N</u> ext > Ca	ancel

Boot Image Installed

An image of the operating system will be written to the D: drive on the WDS server. When the process is complete, we can load the operating system over the network.

🗐 🖉 Add Im	age Wizard	x
Task Progress		
The operation is complete		
The selected images were successfully a	dded to the server.	
	< <u>B</u> ack Finish Cancel	

Windows 8 Ready to Deploy

We are now ready to load Windows 8 64 bit to a client computer using the Windows Deployment Server.

