Configuring WDS and Adding an Image Remote Install Image Drive

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Add a Legacy Image to a WDS Server

On the server that is running the Windows Deployment Service, we click on Administrative Tools and choose the Windows Deployment Services to configure the system.

A 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 operating system disk and a client computer that can boot to the network.

Right click on the WDS server name and pick "Configure Server" from the menu.



Remote Installation Folder Location

On our WDS server, the C drive contains the system volume and the E drive is the CDROM. The D drive is the second hard drive on the server and it will contain the legacy operating system images. Our path is D:\RemoteInstall. We will pick the Next button to advance.

👺 Windows Deployment Services Configuration Wizard	×
Remote Installation Folder Location	
The remote installation folder structure will contain the operating system im deployed from this server. Choose an NTFS partition with enough available anticipated images.	ages to be e space for all
Enter the path and folder name for the remote installation folder.	
Path:	
D:\RemoteInstall	Browse
< <u>B</u> ack <u>N</u> ext >	Cancel

PXE Server Initial Settings

Our Windows Deployment Server is also the DHCP server, so we will opt not to listen on port 67 and we will want to configure DHCP to PXEClient.

🕎 Windows Deployment Services Configuration Wizard	×
DHCP Option 60	
If a DHCP server is running on the Windows Deployment Services server, Windows Deployment Services must be configured to not listen on port 67 and DHCP Option 60 must be added to all DHCP scopes on your DHCP server. Non-Microsoft DHCP servers require manual configuration of DHCP option tag 60.	Tag
The Windows Deployment Services Configuration Wizard detected Microsoft DHCP service running on the server. Please select from the following options:	
Do not listen on port 67	
Configure DHCP option 60 to 'PXEClient'	
For more information on DHCP, <u>click here</u>	
< <u>B</u> ack <u>N</u> ext > 0	Cancel

PXE Server Initial Settings

We will respond to any request in the computer network.

🕎 Windows Deployment Services Configuration Wizard	×			
PXE Server Initial Settings				
Pre-boot execution environment (PXE) client computers may Directory Domain Services. When a client computer is pre-st known client. Clients which are not pre-staged are called un select which client type the Windows Deployment Services s what action is taken when the server responds to a known o	be pre-staged in Active aged, it is also called a known. Use this page to server responds to, and or unknown client computer.			
Choose the appropriate answer policy below:				
O Do not respond to any client computer				
C Respond only to known client computers				
 Respond to all (known and unknown) client computers For unknown clients, notify administrator and respond after approval. 				
To configure the Windows Deployment Services server, click Finish.				
More information about PXE server settings				
< <u>B</u> ack	Finish Cancel			

Completing Configuration

At this point the configuration of the system is complete and we will start to add images to the WDS server.

🛄 Wind

	🕎 Windows Deployment Services Con	figuration Wizard	X
	Configuration Progress		
	Configuring Windows Deployment Ser	rvices	
	Starting Windows Deployment Serv	ices	
Windows Deployment Se	rvices Configuration Wizard	×	
Configuration Complete			
Congratulations! The wize Services on your comput	ard has successfully configured Windows Deplo er.	pyment	
To be able to run the Wir the server.	ndows Deployment Services, you will need to a	dd image(s) to	
You can choose to add i	mages now or to add them later using the Add I	mage Wizard.	
Add images to the W	indows Deployment Server now		Finish Cancel
More information about a	dding images		
	< <u>B</u> ack. Finish	Cancel	

Location of the Windows CD

We will place the Windows operating system CD in the E drive (CDROM), so we respond with E:\ in the path textbox.

We opt for the Next button to carry on.

🕎 Windows Deployment Services - Add Image Wizard	×
Windows Image Files Location	
Enter the full path and file name of the Windows image. By default, boot images are stored in the same location.	and install
Path:	
E:\	B <u>r</u> owse
More information	
< Back	Cancel

Image Group Name

Our first image we will load is the Windows 7 Professional operating system. Presently, this software is the most common operating system used. We will also load Vista and any other operating system on the server. We type WINDOWS7 as the new image group name and pick the Next button to continue.

🎬 Windows Deployment Services - Add In	1age Wizard	×
Image Group		
Image groups are used to group together s	imilar images.	
Enter the image group for the images you v	vant to add:	
C Select from <u>existing</u> image groups		v
• Create a new image group	Windows7	
	< <u>B</u> ack <u>N</u> ext >	Cancel

Review the Settings

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.

🖉 Windows Deployment Servi	ces - Add Image Wiz	ard		×
Review Settings				
Review the following setting	s before adding images.			
Image folder:	E			
Image group:	Windows7			
Number of boot images:	1			
Number of install images:	4			
To change any settings clic Next.	K Back. To add the select	cted images t	to the server,	click
	< <u>B</u> a	ack	<u>N</u> ext >	Cancel

Creating an 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.

🕎 Windows Deployment Services - Add Iı	nage Wizard		×
Task Progress			
Adding boot image			
Adding Image 1 of 1 (Microsoft Window	s Setup (x64))		
I			
More information about adding images			
	< <u>B</u> ack	Finish	Cancel

The process can take 10 to 15 minutes.

Windows 7 WDS with Image

The Windows Deployment Server console now has the 4 Windows 7 Professional images on the D: drive and we are ready to install the operating system through the network.

🕎 Windows Deployment Services		<u>_ ×</u>
Eile Action View Help		
Vindows Deployment Services Vindows Deployment Services Servers WDS.domain2.local MUDS.domain2.local	Image Group	
	<u> </u>	