



BASE IMAGE REPLICATION

Overview

Base Image replication will allow administrator to create base images on the master server and then replicate them to other Persysistent Servers automatically. The master server should be accessible over the network from all other Persysistent Servers in order for the base image replication to work correctly.

Setting up Master Server

A master image server needs to be dedicated in the Persysistent WebUI so that all other Persysistent Servers can replicate base images.

1. Login to the Persysistent WebUI.
2. Click on the Persysistent Server on the tree which is going to be Master Server.
3. Click on the **Servers** tab.
4. Click on the **Manage** tab.
5. Scroll down to **Server Policy** section.

Server Policy	
Max Repair Points:	5
Max Profile Images:	1
Repository Maintenance:	Enabled (Everyday)
Is this a Master Image Server:	Yes
Image Sync Frequency to other servers:	15 Minutes
Log Files To keep On Servers For:	30 Days
Log Files To keep On Clients For:	30 Days
Repository Maintenance Time:	12 AM
Master Image Server:	DP-DEVLAPTOP01
Image Sync to this server:	Disabled

Save Delete Reset

6. Change the setting for “Is this is a Master Server” to “Yes”.
7. Set the “Image Sync Frequency to other servers” to desired setting (default settings is 15 Minutes).
8. Restart “Persysistent Repository Service” on this server.

Setting up Child Server

A master image server needs to be dedicated in the Persysistent WebUI so that all other Persysistent Servers can replicate base images.

1. Login to the Persysistent WebUI.
2. Click on the Persysistent Server on the tree which is going to be Child Server.
3. Click on the **Servers** tab.
4. Click on the **Manage** tab.



5. Scroll down to **Server Policy** section.

Server Policy

Max Repair Points:	5	Log Files To keep On Servers For:	30 Days
Max Profile Images:	5	Log Files To keep On Clients For:	30 Days
Repository Maintenance:	Enabled (Everyday)	Repository Maintenance Time:	12 AM
Is this a Master Image Server:	No	Master Image Server:	DP-DEVLAPTOP01
Image Sync Frequency to other servers:	15 Minutes	Image Sync to this server:	Disabled

Save Delete Reset

6. Change the setting for **“Image Sync to this server”** to **“Enabled”**.
7. Restart **“Persistent Repository Service”** on this server.
8. Repeat steps 1 – 8 for all other child servers.

Set Base Image to Be Replicated

All base images by default are set not be replicated. It is a good practice to test the base image first and then set it to be replicated to other servers. Here are steps to set a base image to be replicated to other servers.

1. Login to the Persysnt WebUI.
2. Click on the Persysnt Server on the tree which is dedicated as master server.
3. Click on **“Base Images”** tab.

Servers Computers Imaging Console **Base Images** AD OU Paths

Base Images

Name	Size (MB)	Model	OS Description	Service Pack	Platform	FSType	Synchronize	Created On	Type	Domain
<input type="checkbox"/> win7 test	4290	VMware Virtual Platform	Windows 7 Enterprise		AMD64	NTFS	No	7/11/2017 12:36:03 PM	Workgroup	Workgroup
<input type="checkbox"/> Windows 10 x64 1607 Sysprep	6034	VMware Virtual Platform	Windows 10 Pro		AMD64	NTFS	Yes	3/23/2017 6:41:30 PM	Workgroup	Workgroup
<input type="checkbox"/> Windows 10 x64 1607 USMT Sysprep	7307	VMware Virtual Platform	Windows 10 Pro		AMD64	NTFS	Yes	6/2/2017 11:32:59 AM	Workgroup	Workgroup
<input type="checkbox"/> Windows 2012 Sysprep x64	4532	VMware Virtual Platform	Windows Server 2012 R2 Standard		AMD64	NTFS	Yes	4/4/2017 8:45:54 AM	Workgroup	Workgroup
<input type="checkbox"/> Windows 7 Enterprise x64 Bitlocker Updated	7523	HP Pavilion Notebook	Windows 7 Enterprise		AMD64	NTFS	Yes	3/24/2017 8:36:59 AM	Workgroup	Workgroup
<input type="checkbox"/> Windows 7 x64 Enterprise .net 4.5 Sysprep	4290	VMware Virtual Platform	Windows 7 Enterprise		AMD64	NTFS	Yes	6/1/2017 3:24:55 PM	Workgroup	Workgroup

Delete Total Records: 6 Page: ALL Lines: << >>

4. Click on the base image that needs to be replicated to other servers.
5. Change the setting **“Synchronize Image”** to **“Yes”**.

Image Details

Name:	Windows 10 x64 1607 USMT Sysprep	Size:	7307 MB
Server:	Orlando Main	Model:	VMware Virtual Platform
Path:	C:\Users\DPATEL\Source\Workspaces\Persysnt\Persysnt.PEBuilder\bin\Images\Win10x64\A2E9E0B-A25F-4AEA-91C9-C85C28539A0B.zip	FSType:	NTFS
OS:	10.0	Domain:	Workgroup
Type:	Workgroup	Platform:	AMD64
OS Description:	Windows 10 Pro	Created On:	6/2/2017 11:32:59 AM
Created By:	admin	Modified On:	6/27/2017 6:32:31 PM
Modified By:	admin	Note:	
Filter:		Synchronize Image:	Yes
Service Pack:			

Save Delete Reset

6. Click **“Save”**.

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