Restoring VHDs

You can restore VHD files using CDP. Follow the instructions below.

1. Click on "Recovery Points" in the Main Menu to open the "Recovery Points" window.



2. Enterprise Edition: In the "Recovery Points" list, select an Agent from the drop-down menu located on the "Recovery Points" list toolbar.

🚽 Agent Big HyperV 💦 🕼 Disk Safe Big	HyperV safe 🔹 🕺 Merg	e Selected 💧 Lock Selected	🕜 Unlock Select
🗖 🛐 Id 💠 🎯 Created On	State	💠 💿 Devices	
Mar 9, 2011 7:24:55 PM	🔮 Available	o 5	🧔 🔰 🙆

3. From the drop-down menu located on the "Recovery Points" list toolbar, select a Disk Safe where the replication of VHD file is located.

9	Agent Big	HyperV 📑 🕼 Disk Safe Big	Hy	/perV safe) •	🕌 Merge Selected	🎒 Lock Selected	🕑 Unlock Select
	🗊 Id 💠	🕑 Created On	÷.	State	-	\$	Devices	
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4. Find a Recovery Point to restore from. Click on the "Browse" icon in the "Actions" column for this Recovery Point.

9	Agent Big HyperV 🔹 🕼 Disk Safe Big H	yperV safe 💌	💥 Merge Selected	👌 Lock Selected	🕑 Unlock Select
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To find a Recovery Point, you can use the Basic and Advanced List Filters. See Customizing the Recovery Points List.

Note

Note that if you configured the encryption during Disk Safe creation, you will be asked to enter the encryption passphrase when you click on the "Browse," "Bare Metal Restore," "Browse Databases," or "Exchange" icon.

P Enter Encryptio	n Passphrase
Passphrase	
	Remember passphrase until logout
	OK OK Cancel

So that you don't have to enter the passphrase every time you click on one of the above-mentioned icons, check the "Remember passphrase until logout" check-box. Then click the "OK" button.

P Enter Encryption Passphrase						
Passphrase •••••						
	Remember passphrase until logout					

5. The "Browse Recovery Point" window opens.

See also: Browsing Recovery Points.

6. Select the checkboxes next to the files and folders you want to restore.

🧔 Browse Recovery Point			
Restore Selected			
E Location G:\!VirtualMachines\Win 7 HyperV			🜍 Go 🔞 Up
🗖 Name 🗘	Size	Access Time	Modify Time
🔲 📁 🥥 Virtual Machines		Mar 9, 2011 5:31:23 PM	Mar 9, 2011 5:31:23 PM
Win7HyperV.vhd	5.3 GB	Mar 9, 2011 5:31:26 PM	Mar 9, 2011 7:43:31 PM

7. Once the files and folders are selected, click on "Restore Selected."

😡 Browse Recovery Point				
Sectore Selected				🗿 Go 🎯 Up
□ Name	÷	Size	Access Time	Modify Time
🗖 📁 🏳 Virtual Machines			Mar 9, 2011 5:31:23 PM	Mar 9, 2011 5:31:23 PM
🕑 🗋 Win7HyperV.vhd		5.3 GB	Mar 9, 2011 5:31:26 PM	Mar 9, 2011 7:43:31 PM

- 8. The "Restore Files" window will open.
- 9. Specify the following options:

Restore to Agent

- Agent Select this option to restore to an Agent that is already in the system. Connects to the Agent named and uses the port configured.
- Host Name/IP Connect to the specified hostname and port. This option allows you to restore to a Host with a Host Name/IP address that is different than the original Host's.
- Port Number

Restore to Folder

- Original Location Restores to the same directories as when the Recovery Point was created.
- Alternate Location Specifies the path on the Host to restore the files to. The complete path and directory structure of all selected files will be created under the path specified here. If the specified path does not exist, it will be created.
- Overwrite Existing Files When enabled, any existing files or directories with the same name will be overwritten, even if they are newer.

Advanced Options

- Estimate Restore Size Enabled by default. When enabled, you can see the additional "Estimated Restore Size" and "Estimated Object Count" values in the "Reporting" page - "Summary" tab - "Restore Status" area.
- Restore Discretionary ACLs (File Permissions)
- Restore System ACLs (Audit Rules)

In our example, we select an existing Agent "Big HyperV" and the "Original Location" option.

Ç ,	Restore Files	Size Access 🗎 🛛
	Restore to Agent	
0	Agent	Big HyperV
0	Host Name/IP	127.0.0.1
	Port Number	1167
	Overwrite Existing F	iles
	Advanced Options Estimate Restore Siz	e v ACI s (File Permissions)
	Pactore System ACL	y ACLS (File Permissions)
	Kestore system ACL	
		🍓 Restore 🖉 🖉 Cancel

10. Click on "Restore."



11. A notification window will inform you that the Restore Task has been scheduled. It means the task has started. The "Reporting" screen displays the progress of the task.

Click "OK" in the displayed window.

	X
Restore scheduled	
ОК	

Tip
The task results can be sent via email as a Report. See Reporting.

12. To view the Restore Task details, access the "Reporting" window. See Accessing Task History.

) State	🔔 Alert 🗧	🗹 Type 💠	📵 Name	💠 📃 Agen	t Name 🗧 🛛 🎯	Scheduled	\$	🧿 Run Time	
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×			Backup Hyper-V	Wir Big Hyper	V 3/9	/11 7:24 PM	4	41m 12s	
< < 1	/1 >>	10 Ite	ems Per Page						
									8
📵 Summ	ary 🚺	Files Restor	ed 🚺 📤 Alerts	🔝 Logs	🍇 Restore Settin	ngs 🔰 📝 Tá	ask		
File Resto	re Summa	ry							
	Success			🥝 Files Re	stored 🛛 💼			1/1	
V	File restor	e completed	successfully	🔀 Files Fa	iled			0	
Progress									
🕰 Averag	e Speed	2.9 MB/s (peak 11.8 MB/s)		🕰 Current Spe	ed			
Time R	emaining	0s	Time Elar	osed 31m 4s	(size calculation 0	(<)			
· · · · ·		00	0	0111115					
							5.	.3 GB / 5.3 GB	
Vashara Stat	161								

13. After you have restored the VHD file, in order to access its contents, you need to attach and mount it using the Hyper-V VHD Explorer. See Attaching VHDs, Mounting VHD Volumes.