

Restoring Physical Imaging Standard to a Hyper-V Virtual Machine

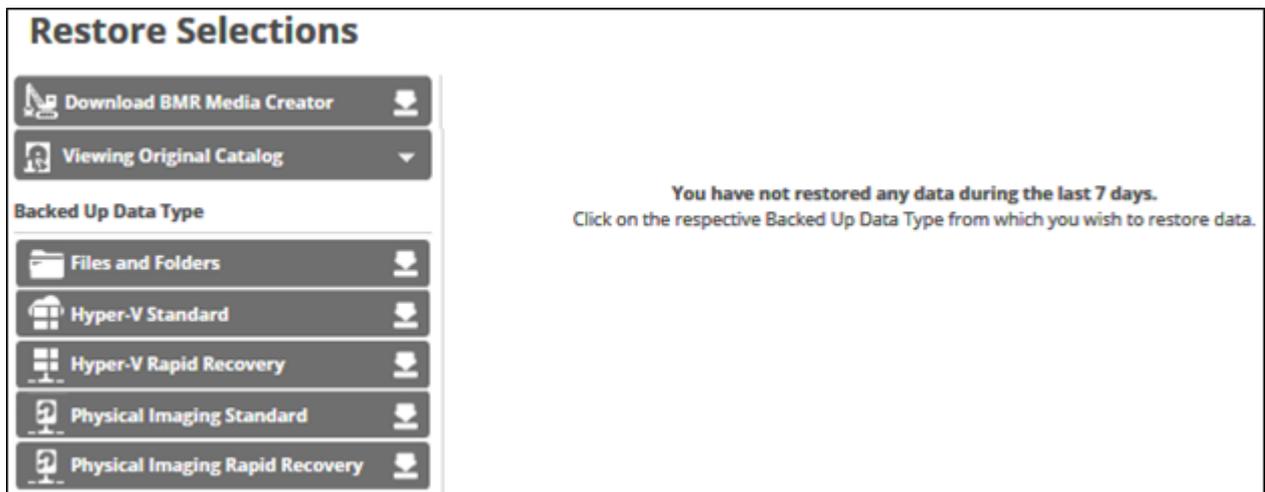
<https://campus.barracuda.com/doc/93197733/>

To restore Physical Imaging Standard to a Hyper-V Virtual Machine, perform the following steps.

1. Navigate to the **Computer** page. See [Navigating to the Computer Page](#). The **Computer** page is displayed.



2. Click the **Restore** tab. The **Restore Selections** page is displayed.



3. Click **Physical Imaging Standard**. The **Select** page is displayed.

Restore

Physical Imaging Standard

Select Destination Summary

What Physical Imaging Standard Would You Like to Restore?
Select from the available revisions and/or volumes to restore by:

VHD/X Files Virtual Machine

Select Your Revisions and/or Volumes

Current selection:

Boot Volumes

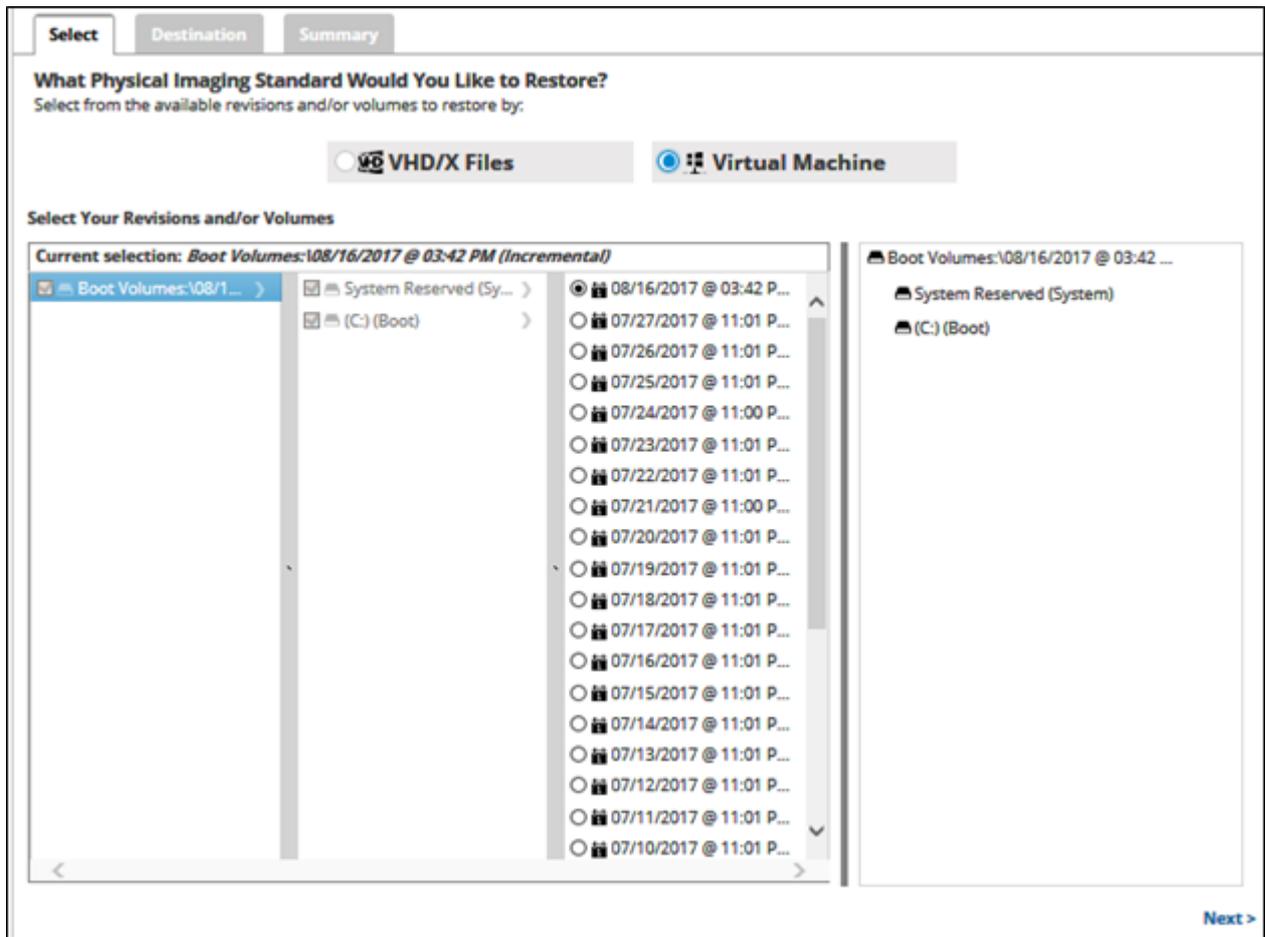
Select the volumes on the left that you want to restore.

Next >

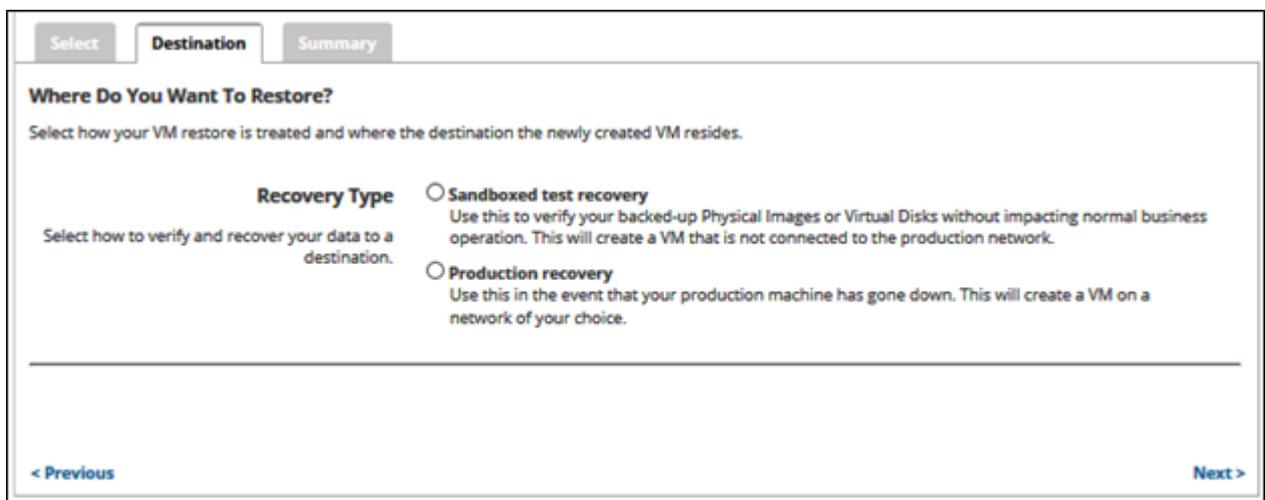
Cancel Restore

4. Click the **Virtual Machine** button.

This option is available only if the boot volumes group has been backed up.
The revisions and volumes are displayed.



5. In the **Current Selection** pane, select the volumes and revisions to be restored.
 Clicking the arrow  at the right of the items displays more files and folders.
 The selection is displayed in the far right pane. Click the remove  icon to remove any selections.
6. After making your selections, click **Next**.
 The **Destination** page is displayed.

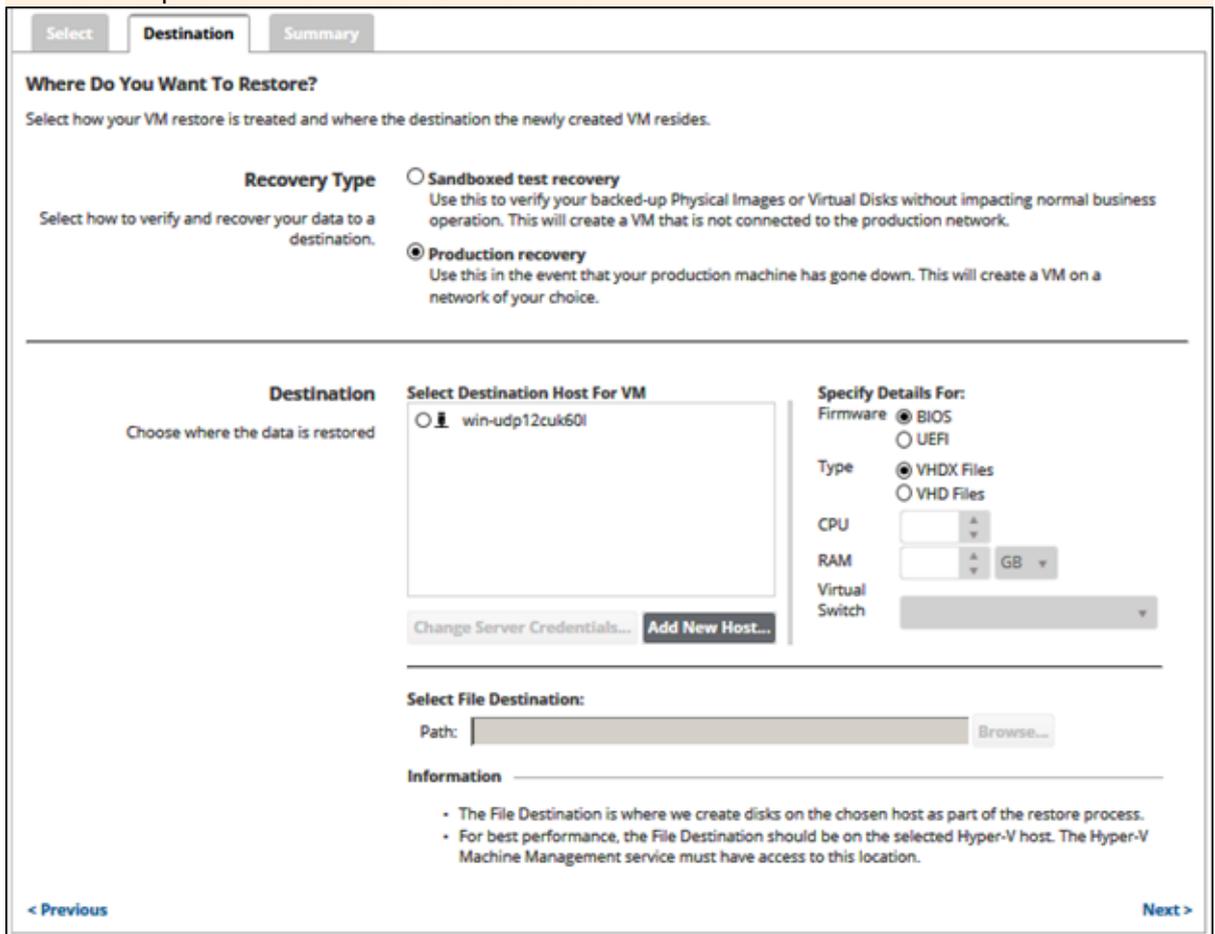


- Use **Sandboxed test recovery** to verify your backed-up Physical Images or Virtual Disks without affecting normal business operation. This option creates a VM that is not connected to the production network. Sandboxed Test Recovery is a non-destructive means for you to verify the integrity of your backed-up images without affecting normal business operation. Your production images remain powered on and operational.
- Use **Production recovery** in the event that your production machine has gone down. Production Recovery performs a recovery of your production images with selected recovery images.

7. Select a **Restore type** radio button.

- If you select **Sandboxed test recovery**: The recovery VMs created start on their own separate VLAN to avoid conflicts with the production VMs.
- If you select **Production recovery**: A new VM is created in Hyper-V with the network you selected.

For this example, the **Production Recovery** option is displayed, as shown below. The following steps are valid for the Sandboxed test recovery option as well, with the exception of the **Virtual Switch** field.



Where Do You Want To Restore?
 Select how your VM restore is treated and where the destination the newly created VM resides.

Recovery Type
 Select how to verify and recover your data to a destination.

Sandboxed test recovery
 Use this to verify your backed-up Physical Images or Virtual Disks without impacting normal business operation. This will create a VM that is not connected to the production network.

Production recovery
 Use this in the event that your production machine has gone down. This will create a VM on a network of your choice.

Destination
 Choose where the data is restored

Select Destination Host For VM

Change Server Credentials... Add New Host...

Specify Details For:

Firmware BIOS UEFI

Type VHDX Files VHD Files

CPU

RAM GB

Virtual Switch

Select File Destination:

Path: Browse...

Information

- The File Destination is where we create disks on the chosen host as part of the restore process.
- For best performance, the File Destination should be on the selected Hyper-V host. The Hyper-V Machine Management service must have access to this location.

< Previous Next >

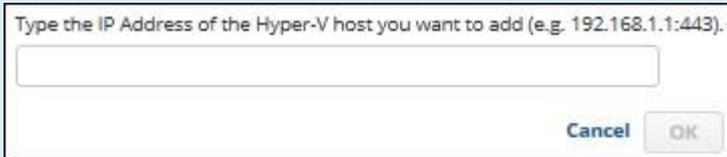
8. On the **Destination** panel, select the radio button for the desired destination host.

Ensure that all user accounts and computer accounts involved in the restore are members of the same domain and are set as **Trusted for Delegation** in the Active Directory. The user account running the ECHOplatform backup agent service must be in the Administrators group and have DCOM remote access permissions enabled on the Hyper-V

host.

Add New Host

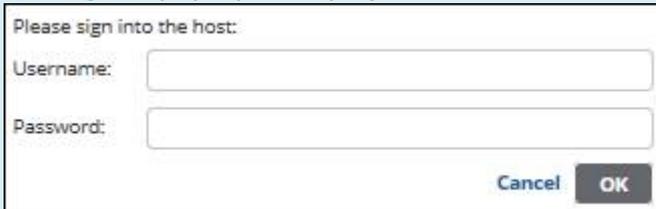
1. If you need to add a new destination host, click the **Add New Host** button. The **Server IP Address** pop-up is displayed.



Type the IP Address of the Hyper-V host you want to add (e.g. 192.168.1.1:443).

Cancel OK

2. Type the IP address of the Hyper-V host, and then click **OK**. The sign-in pop-up is displayed.



Please sign into the host:

Username:

Password:

Cancel OK

3. Sign in, and then click **OK**.

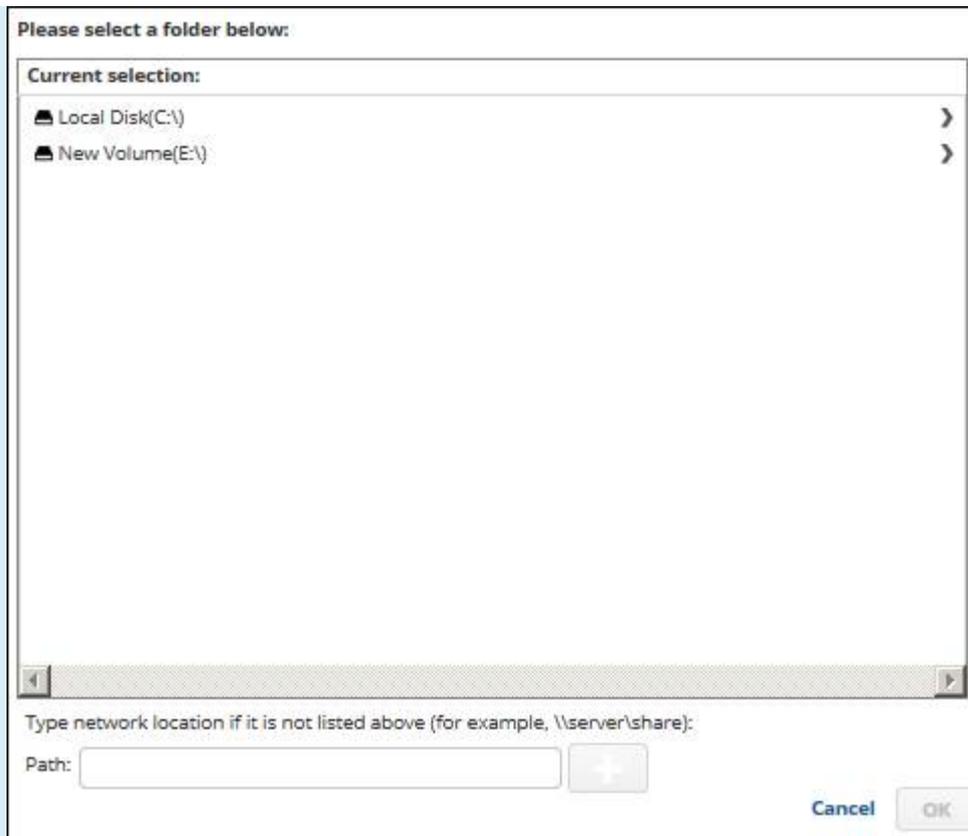
The **Select File Destination path** field is activated.

Select File Destination:

Path: **Browse...**

Browse option

1. Click the **Browse** button. The folder options are displayed.



2. Select the destination.
The **OK** button is activated.



3. Click **OK**.
The address is displayed in the **Path** field.



To add a network location that is not listed, perform the step below.

Adding a Network Location

1. To back up files and folders on another network location that is not listed, type the network path address in the **Path** field as shown in the example below.



2. The add button is activated.
3. Click the add  button.

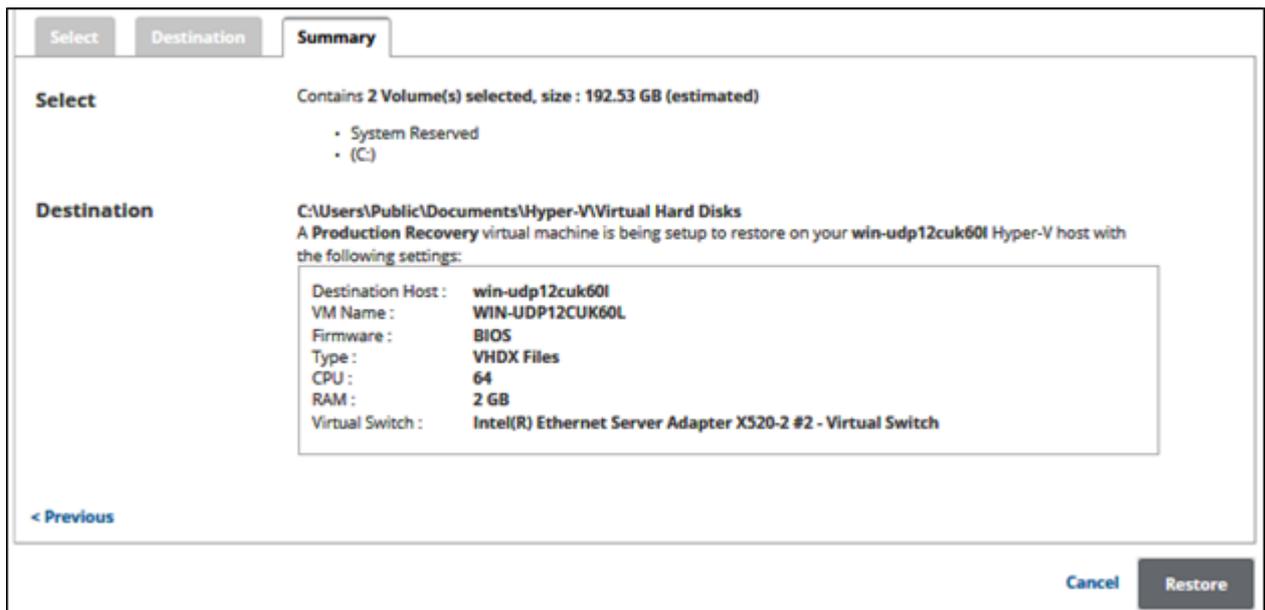
Notes

- The **File Destination** is where virtual disks are created on the selected host as part of the restore process.
- For best performance, set the **File Destination** on the selected Hyper-V host. The Hyper-V Machine Management service must have access to this location.

9. In the **Select File Destination Path** field, type or browse to the destination of your restore.
10. In the **Specify Details for Firmware** pane, select **BIOS** or **UEFI** radio button.
11. If you selected BIOS, in **Specify Details for Type**, select **VHDX Files** or **VHD Files** radio

button.

12. If you selected UEFI, the **VHDX Files** radio automatically button is selected.
13. Select the **CPU** and the **RAM** size.
14. If you selected the **Production Recovery** option, select the **Virtual Switch**.
15. After making your selections, click **Next**.
The **Summary** page is displayed.



Select **Destination** **Summary**

Select Contains 2 Volume(s) selected, size : 192.53 GB (estimated)

- System Reserved
- (C:)

Destination C:\Users\Public\Documents\Hyper-V\Virtual Hard Disks
A **Production Recovery** virtual machine is being setup to restore on your **win-udp12cuk60l** Hyper-V host with the following settings:

Destination Host :	win-udp12cuk60l
VM Name :	WIN-UDP12CUK60L
Firmware :	BIOS
Type :	VHDX Files
CPU :	64
RAM :	2 GB
Virtual Switch :	Intel(R) Ethernet Server Adapter X520-2 #2 - Virtual Switch

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Cancel Restore

16. Verify your selections, and then click **Restore**.
The confirmation pop-up is displayed.



You are about to restore backed up data using the settings you just defined.
Proceed with this restore?

No Yes

17. Click **Yes**.

The **Restore Selections** page is displayed with the status.

Figures

1. image096.jpg
2. Restore Hyperv1.png
3. Restore Hyperv2.png
4. Restore Hyperv3.png
5. image101.jpg
6. image102.jpg
7. Restore Hyperv4.png
8. Restore Hyperv5.png
9. image108.jpg
10. image110.jpg
11. Restore Hyperv6.png
12. image113.jpg
13. image114.jpg
14. image116.jpg
15. image117.jpg
16. image118.jpg
17. Restore Hyperv7.png
18. image121.jpg

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