Physical Imaging Rapid Recovery - Restoring Images as VHD/VHDX Files

https://campus.barracuda.com/doc/73698957/

Applicable Products

These instructions apply to the following products:

- Barracuda Intronis Backup - MSP

VHD/VHDX File Overview

VHD/VHDX is the virtual hard disk file type used by Microsoft's Hyper-V hypervisor. This restore type restores a VHD/X for each volume that you select.

The agent produces the following files depending on the operating system on which it is installed:

- VHD: Windows 7, Windows 2008, Windows 2008 R2
- VHDX: Windows 8, Windows 8.1, Windows 2012, Windows 2012 R2

All virtual hard disks are recovered as dynamic disks.

Virtual hard disks take the following naming convention by default:
Recovery_{machine_name}_{volume or volume group label}

Example: Recovery_LT-R9RLN75_Boot

You can restore to another system if the OS version is different; however, this only works as long as the change represents an upgrade. For instance, you can back up Windows 7 and restore on Windows 8 but not vise-versa.

You can attach the Hyper-V disks (VHD files) that are restored to an existing VM.

Physical Imaging VHD/VHDX File Restore Tabs
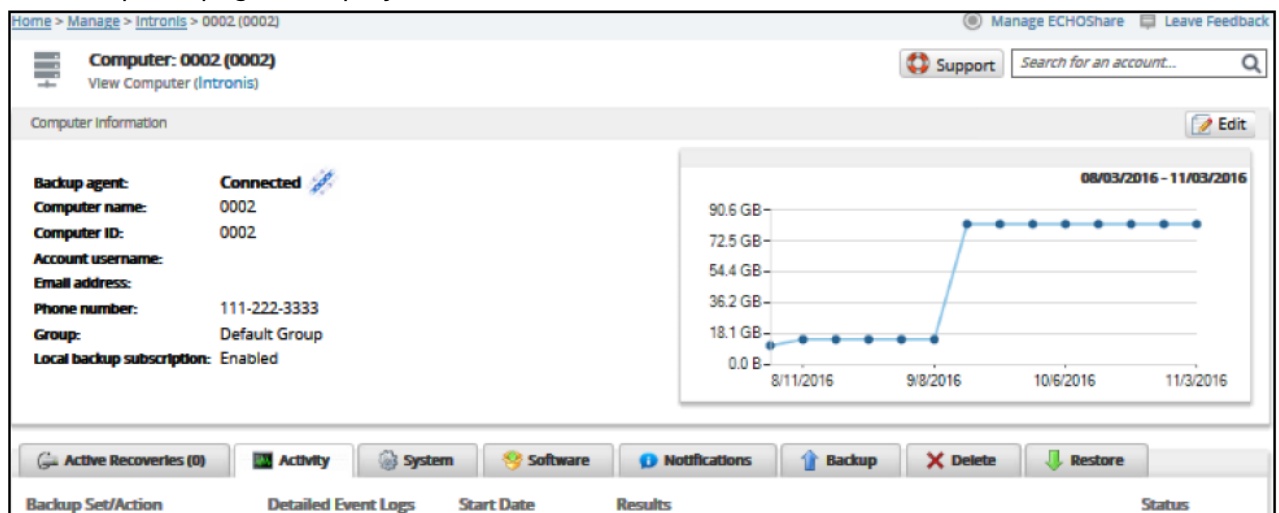
Physical Imaging

Select | Destination | Summary

The following table provides a description of the page features.

Page	Description
Select	Select at least one available volume to restore.
Destination	Choose where the data is restored.
Summary	A list of your selections is displayed.

Restoring VHD/VHDX Files

To restore VHD/VHDX Files, perform the following steps.

1. Navigate to the Computer page.
   The Computer page is displayed.

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

3. Click the restore icon of the backup type you want to restore.
   The Select page is displayed.

4. Click the **VHD/X files** radio button.
   The Restore VHD/X files page is displayed.

5. In the Current Selection pane, select the revision and/or volumes you would like to restore.

Clicking the arrow at the right of the items displays more revisions/volumes.

The selection is displayed in the right pane. Click the remove icon to remove any selections.

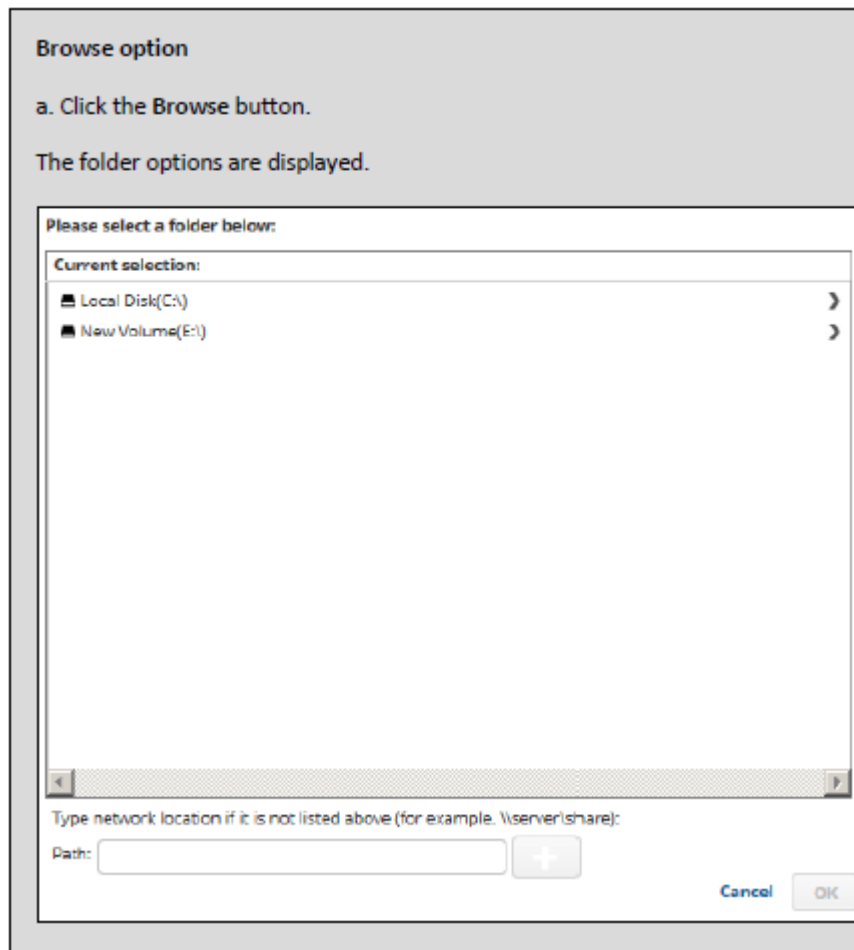6. After making your selections, click Next.
   The Destination page is displayed.

7. At the Path field, type a path, or click the **Browse** button to select the destination of your restore.

Browse option

a. Click the **Browse** button.

The folder options are displayed.

Please select a folder below:

Current selection:

▦ Local Disk(C:\)   ⟩
▦ New Volume(E:\)   ⟩

Type network location if it is not listed above (for example, \\server\share):

Path: [   ]   [+]

                                                        Cancel   OK

b. Select the destination.

The OK button is activated.

Cancel   OK

c. Click OK.

The address is displayed in the Path field.

Path: E:\LocalStorage-

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

Adding a Network Location

a. 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.

Type network location if it is not listed above (for example, \\server\share):
Path: \\example   ✕   +

The add button is activated.

b. Click the add + button.

8. After selecting the destination of your restore, click Next.
   The Summary page is displayed.

Select	Destination	**Summary**

Select   Recovering **2 Volume(s) selected, size : 10.97 GB**
                      • System Reserved
                      • (C:)

Destination   Restored to **C:\Recovery**

< Previous

                                                          Cancel   **Restore**

9. Verify your selections, and then click the **Restore** button.
   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

10. Click **Yes**.
    The Restore Selections page is displayed with the status.

Figures

1. Imaging_restore_10.png
2. Imaging_restore_11.png
3. Imaging_restore_12.png
4. Restore Icon.png
5. Imaging_restore_13.png
6. Imaging_restore_25.png
7. arrow.png
8. Remove.png
9. Imaging_restore_14.png
10. Imaging_restore_26.png
11. Imaging_restore_20.png
12. Imaging_restore_19.png
13. Imaging_restore_27.png
14. Imaging_restore_28.png