

Hyper-V Rapid Recovery - Recovery in Place

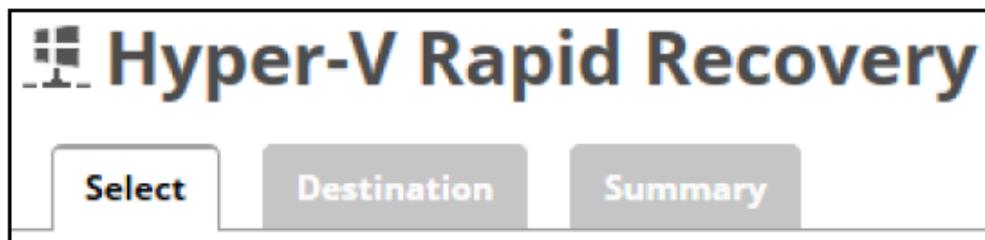
<https://campus.barracuda.com/doc/73700183/>

Applicable Products

These instructions apply to the following products:

- Barracuda Intronis Backup - MSP

Hyper-V Rapid Recovery Restore Tabs



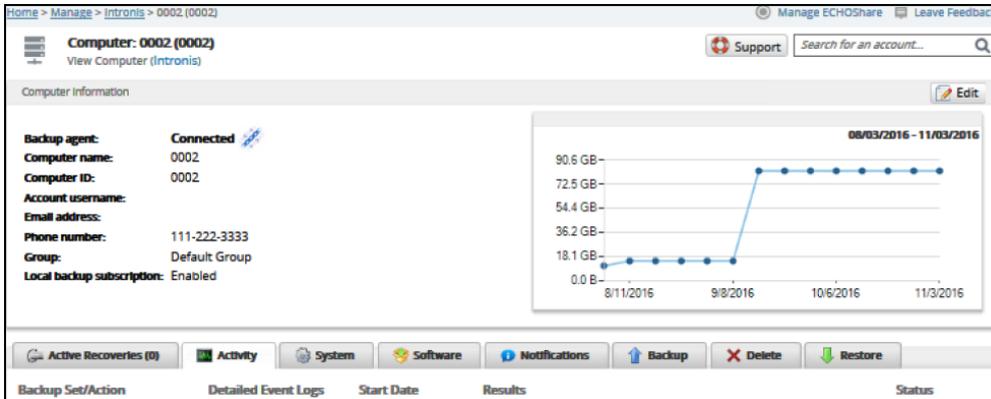
The following table provides a description of the page features.

Page	Description
Select	Select at least one available VM to restore.
Schedule	Choose where the data is restored: Rapid Recovery of VM files at the original storage location This option is the quickest and makes the VM files accessible at their current storage location for import into Hyper-V manager. Restore all VM files to this destination This option performs a full copy of the data from storage and is slower than the Rapid Recovery option.
Summary	A list of your selections is displayed.

Restoring Hyper-V Rapid Recovery Backups

To restore a backup with Hyper-V Rapid Recovery, perform the following steps.

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



Computer: 0002 (0002)
View Computer (Intronis)

Computer Information

Backup agent: **Connected**

Computer name: 0002

Computer ID: 0002

Account username:

Email address:

Phone number: 111-222-3333

Group: Default Group

Local backup subscription: Enabled

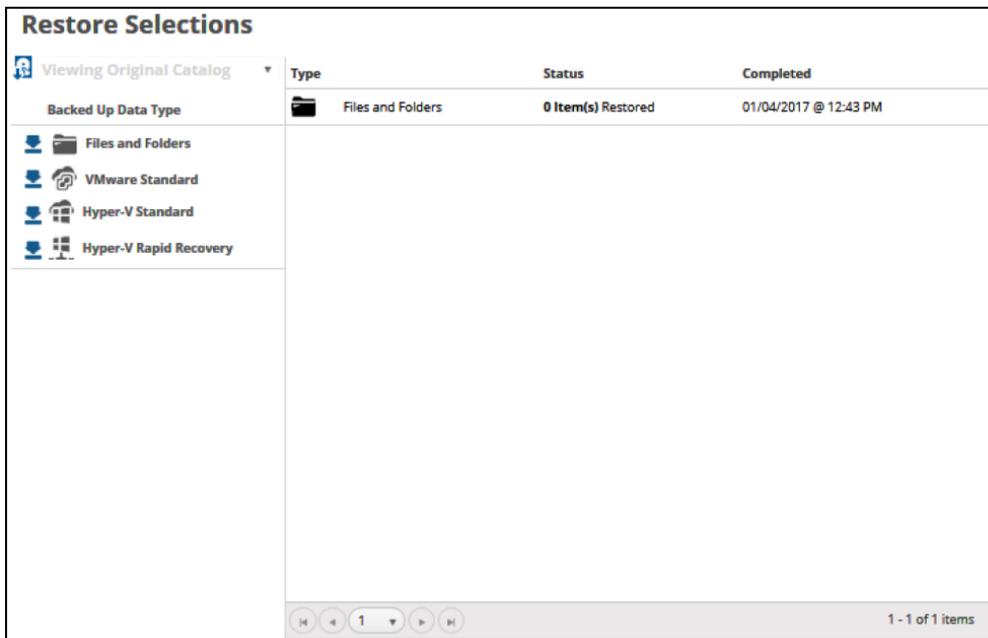
08/03/2016 - 11/03/2016

Date	Storage Usage (GB)
8/11/2016	18.1
9/8/2016	90.6
10/6/2016	90.6
11/3/2016	90.6

Active Recoveries (0) Activity System Software Notifications Backup Delete Restore

Backup Set/Action Detailed Event Logs Start Date Results Status

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



Restore Selections

Viewing Original Catalog

Type	Status	Completed
Files and Folders	0 Item(s) Restored	01/04/2017 @ 12:43 PM

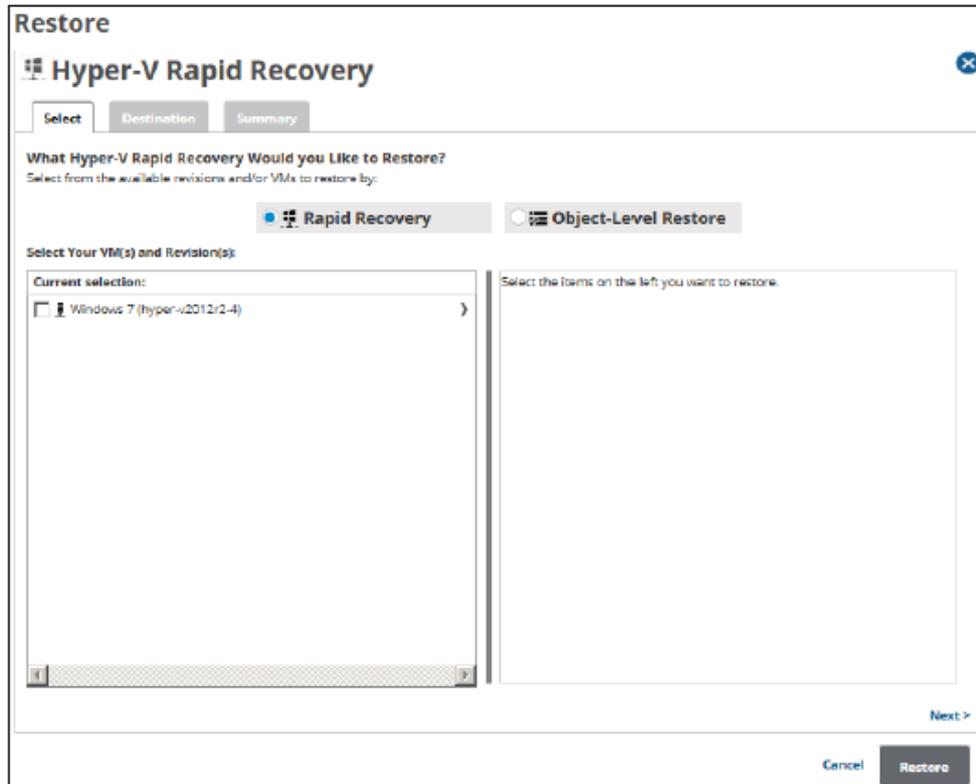
Backed Up Data Type

- Files and Folders
- VMware Standard
- Hyper-V Standard
- Hyper-V Rapid Recovery

1 - 1 of 1 items



3. Click the restore icon of the backup type you want to restore.
The Select page is displayed with **Rapid Recovery** selected as the default.



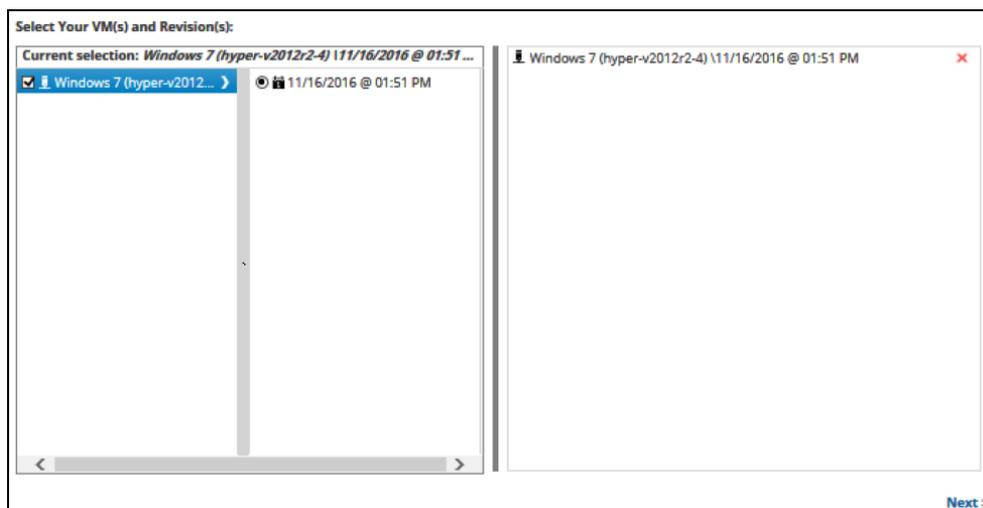
4. In the Current Selection pane, select the VM and revisions you would like to restore.

Note: You can only choose one revision to restore per selected VM.



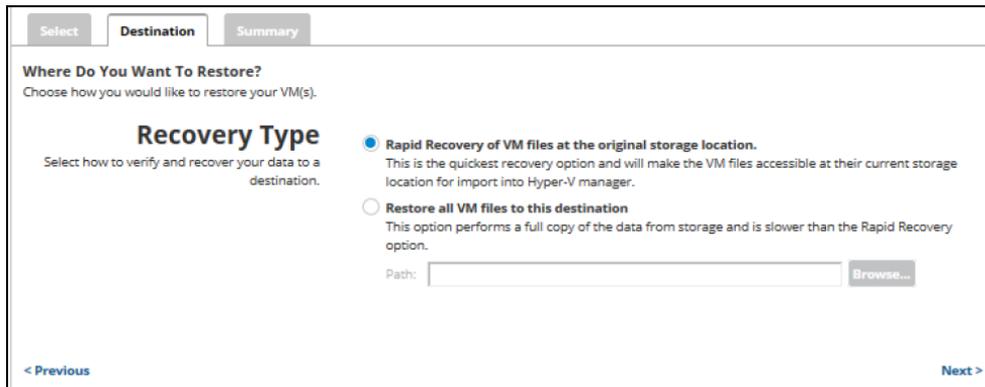
Clicking the arrow at the right of the items displays more revisions.

The selection is displayed in the far right pane. Click the remove  icon to remove any selections, or clear the item check box.



5. Click **Next**.

The Destination page is displayed.



Note: The following table provides a description of the restore options.

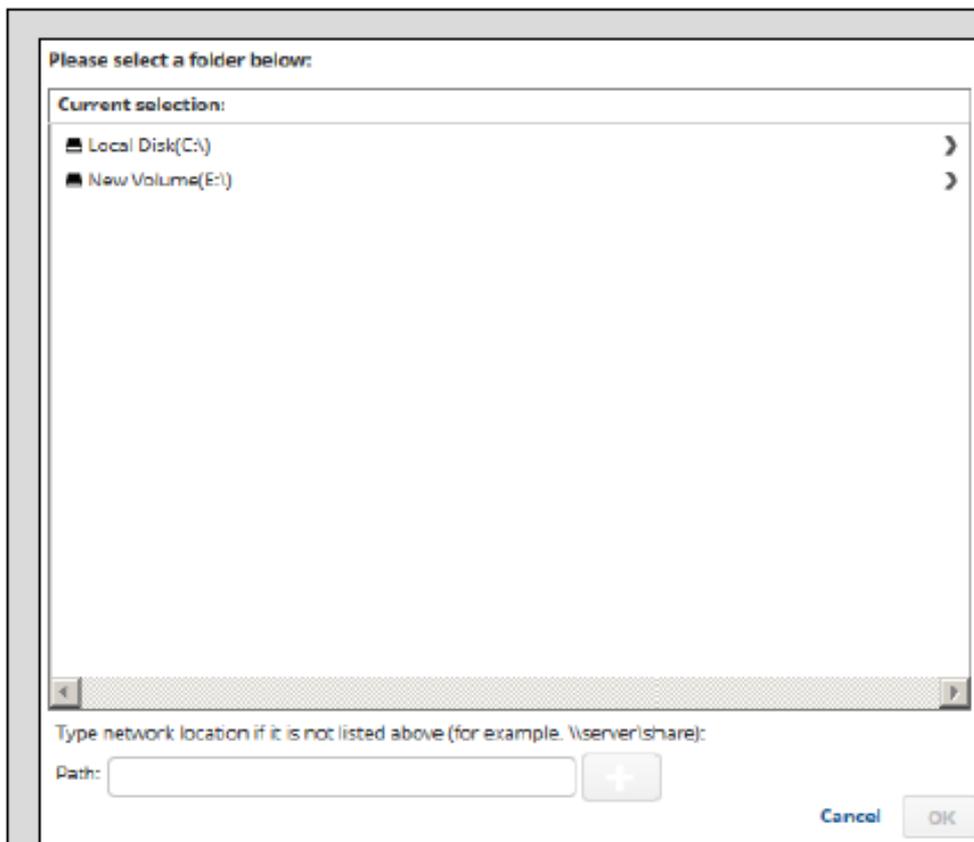
Restore Option	Description
Rapid Recovery of VM files at the original storage location.	This option provides the fastest recovery time. A differencing disk and configuration file in the existing local storage destination are created that can be imported into Hyper-V Manager.
Restore all VM files to this destination.	This option recovers the full VMs files (virtual hard disks and configuration) to an alternate location. Because it performs a copy process, it takes longer. Use this option to archive a copy of your VM or to restore to a storage more suited to run the VM."

6. Select a restore option radio button.
7. If you selected the **Restore all VM files to this destination** option, 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.



b. Select the destination.

The OK button is activated.



c. 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

- 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:

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

Virtual Machine	Location
Windows 7	C:\System Volume Information\LocalStorage-a71...

Destination

Rapid Recovery of VM files at the original storage location.

Hyper-V Manager

If you are restoring VM(s) to a **Windows Server 2008** or **Windows Server 2008 R2** hypervisor:

Step 1: Create a VM using the **New Virtual Machine** wizard.

Step 2: In the **New Virtual Machine** wizard, attach the VHD files from the restore directory to the VM you're creating.

If you are restoring VM(s) to a **Windows Server 2012**, **2012 R2** or **Windows 8** hypervisor:

Step 1: Use the **Import Virtual Machine** feature in the **Actions** menu.

Step 2: Choose one of the following import options:

- **Register:** Choose this option if you are restoring to the destination from which you will run the VM(s). The recovered VM will retain its original ID.
- **Restore:** Choose this option if you are restoring a VM(s) to a temporary location. Hyper-V will move the files to the appropriate location and register the VM(s) for you. The recovered VM(s) retains its original ID.
- **Copy:** Choose this option if you intend to import the recovered VM(s) multiple times (e.g., you are using the VM as a template). A new ID will be generated and used to register the VM.

Notes

- Subsequent backups of the VM(s) selected for recovery will fail as long as the recovery is active. In order to resume backups you have to end the recovery.

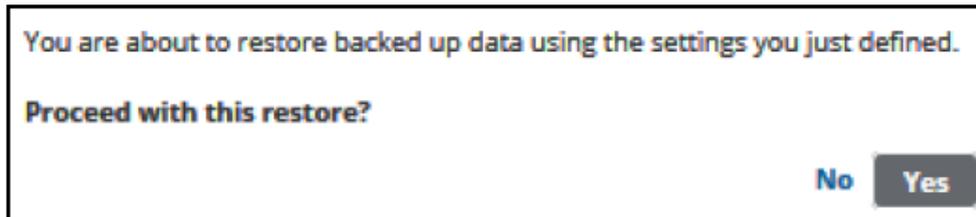
[< Previous](#)

Recovering 1 VM(s), size: 6.48 GB (estimated).

Important: Make sure to add the recovered VMs to a backup set so they are backed up properly.

Notes:

- Subsequent backups of the VMs selected for recovery fail as long as the recovery is active. To resume backups, you must end the recovery.
 - Subsequent restores also fail for active recoveries.
9. Verify your selections, and then click the **Restore** button. The confirmation pop-up is displayed.



10. Click **Yes**.

The Restores Selections page is displayed showing the status of the restore.

Restore Selections			
Restore Type	Type	Status	Completed
 Hyper-V Standard	 Hyper-V Rapid Recovery	1 Item(s) Restored	10/6/2016 @ 11:31 AM
 Hyper-V Rapid Recovery	 Hyper-V Standard	1 Item(s) Restored	10/5/2016 @ 12:53 PM

Restoring VMs to a Windows Server 2008, or Windows Server 2008 R2 Hypervisor

If you are restoring VMs to a Windows Server 2008, or Windows Server 2008 R2 hypervisor, perform the following tasks.

1. Create a VM using the New Virtual Machine wizard.
2. In the New Virtual Machine wizard, attach the VHD files from the restore directory to the VM you are creating.

Restoring VMs to a Windows Server 2012, 2012 R2, or Windows 8 Hypervisor

If you are restoring VMs to a Windows Server 2012, 2012 R2, or Windows 8 hypervisor, perform the following tasks.

1. Use the Import Virtual Machine feature in the Actions menu.
2. Choose one of the following import options:
 - Register: Choose this option if you are restoring to the destination from which to run the VM). The recovered VM retains its original ID.
 - Restore: Choose this option if you are restoring a VMs to a temporary location. Hyper-V moves the files to the appropriate location and registers the VMs. The recovered VM retains its original ID.
 - Copy: Choose this option if you intend to import the recovered VMs multiple times (for example, you are using the VM as a template). A new ID is generated and used to register the VM.

Figures

1. HV_Restore_13.png
2. HV_Restore_3.png
3. HV_Restore_14.png
4. Restore Icon.png
5. HV_Restore_15.png
6. arrow.png
7. Remove.png
8. HV_Restore_16.png
9. HV_Restore_17.png
10. HV_Restore_18.png
11. HV_Restore_19.png
12. HV_Restore_20.png
13. HV_Restore_21.png
14. HV_Restore_22.png
15. HV_Restore_23.png

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