



How to Restore VMware and Hyper-V Backups to Amazon Web Services

 Note that the video in this article does not contain audio.

This article refers to the Barracuda Backup firmware version 6.4.05 or newer, VMware and the vSphere Data Recovery API, supported versions of Microsoft Hyper-V, and Amazon Web Services (AWS).

This article assumes you have [replicated data to AWS](#).

Important

- Virtual machines (VMs) must be fully replicated to Amazon Web Services before restore
- Hyper-V VMs with VHDX files are not supported
- Hyper-V generation 2 VMs are not supported
- VMware UEFI-boot VMs are not supported

See the AWS article [VM Import/Export Requirements](#) for a complete list of VM import requirements.

Restore VMware or Hyper-V Backups to Amazon Web Services Video

Restore VMware or Hyper-V Backups to Amazon Web Services

Use the steps in this section to restore either a VMware or Hyper-V backup.

1. Log in to the Barracuda Backup web interface, and go to the **Restore > Restore Browser** page.
2. Expand the VMware data source or the Hyper-V data source in the left pane, and continue to navigate until you find the VM you want to restore.
3. Click on the VM, and click **View all revisions up to** at the top of the page:



4. All available revisions display. Click **Restore** to the right of the revision you want to restore.
5. In the **Restore** dialog box, in the **Restore to** section, select **AWS Account**, and select the AWS account to restore to from the drop-down menu:

6. Specify the **AWS Region**, and enter a name to identify the AMI in the **AMI Name** field:



Restore
✕

Restore to: Original Location

ESX Server

Prod1

Other Hostname or IP Address

Enter the resolvable hostname or IP address of the restore location.

Region:

AMI Name:

Enter a name for the new AMI.

Cancel
Start Restore

7. Click **Start Restore**. Go to the **Reports > Restore** page to monitor the progress of the restore:

Development Backup (ARB): Restore Reports									
Source	Destination	Start Time	Duration	Size	Errors	Warnings	Actions		
● VMware as of 08-11 1:01am EDT	VMware 1 restored (100.00 GB)	3:44pm EDT Aug 11 2017	2 hours 38 minutes, 42 seconds	100 gigabytes	0	0	Details		
■ VMware as of 08-10 10:02am EDT	VMware 1 restored (100.00 GB)	8:33am EDT Aug 11 2017	1 minute 28 seconds	100 gigabytes	0	0	Details		
■ VMware as of 08-10 11:59pm EDT	VMware 1 restored (100.00 GB)	2:01pm EDT Aug 10 2017	8 minutes 33 seconds	100 gigabytes	0	0	Details		
■ VMware as of 08-10 11:59pm EDT	VMware 1 restored (100.00 GB)	11:42am EDT Aug 10 2017	21 minutes 52 seconds	100 gigabytes	0	0	Details		

During the restore process, Barracuda Backup creates a temporary S3 bucket in the specified account where the virtual machine image(s) will be reconstructed. After the image(s) are reconstructed, they are imported into EC2 as AMIs and the temporary S3 bucket is deleted.

8. Once the AMI is created, it is accessible from within AWS and can be launched as an EC2 instance:

Name	AMI Name	AMI ID	Source	Owner	Visibility	Status	Creation Date	Platform	Root Device 1-	Virtualization
Barracuda VM Restore/UBUNTU-CAM - 1502480993.5281.2f66b95418c7e1f02a6	import-ami-fga...	ami-3fb9d95a	024031600986f...	024031600986f...	Private	available	August 11, 2017 at 6:22:37 ...	Other Linux	efs	hvm

