

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

<https://campus.barracuda.com/doc/71861406/>

 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).

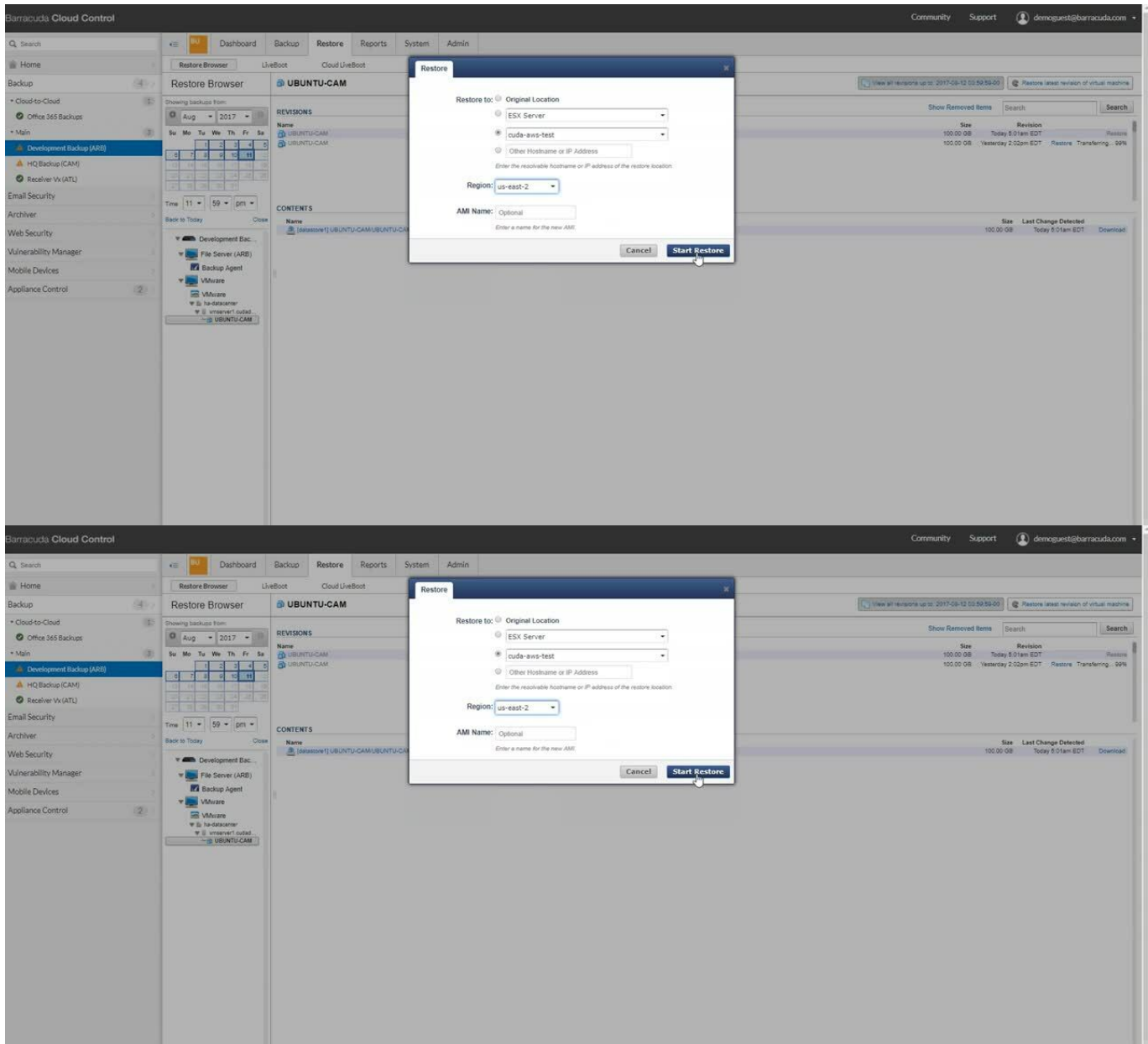
This article assumes you have [replicated data to AWS](#).

### 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



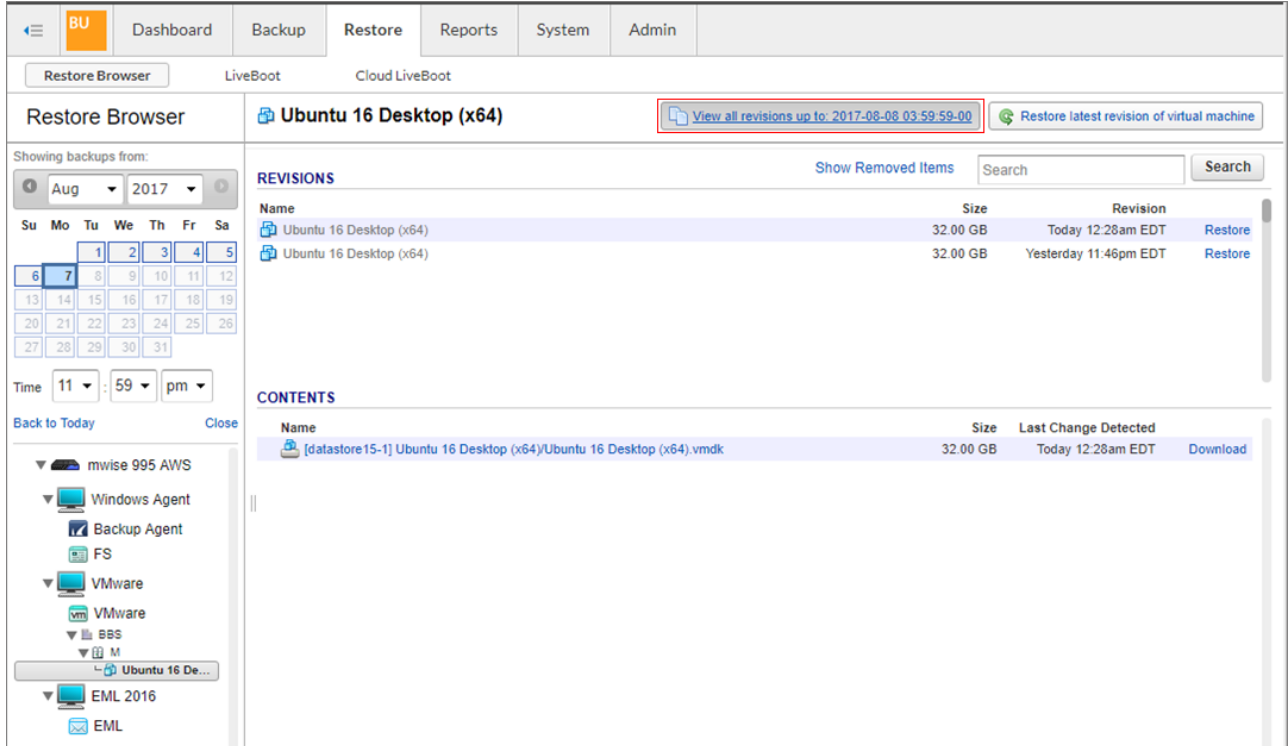
Videolink:

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

## 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:



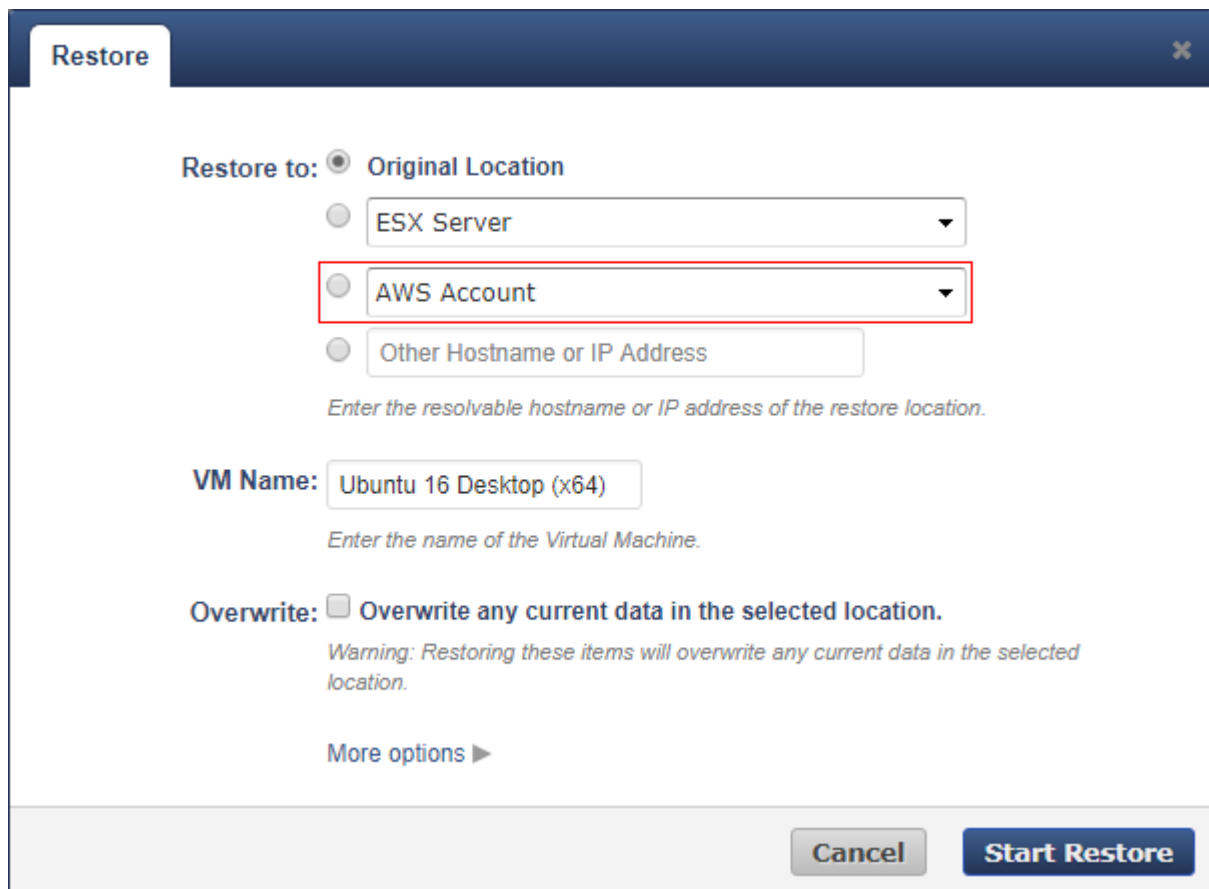
The screenshot shows the Barracuda Backup web interface. The top navigation bar includes links for Dashboard, Backup, Restore, Reports, System, and Admin. The 'Restore' tab is active, and the 'Restore Browser' sub-tab is selected. The main content area is titled 'Ubuntu 16 Desktop (x64)'. A red box highlights the link 'View all revisions up to: 2017-08-08 03:59:59-00'. Below this, there is a table of revisions and a section for contents.

Name	Size	Revision	Action
Ubuntu 16 Desktop (x64)	32.00 GB	Today 12:28am EDT	Restore
Ubuntu 16 Desktop (x64)	32.00 GB	Yesterday 11:46pm EDT	Restore

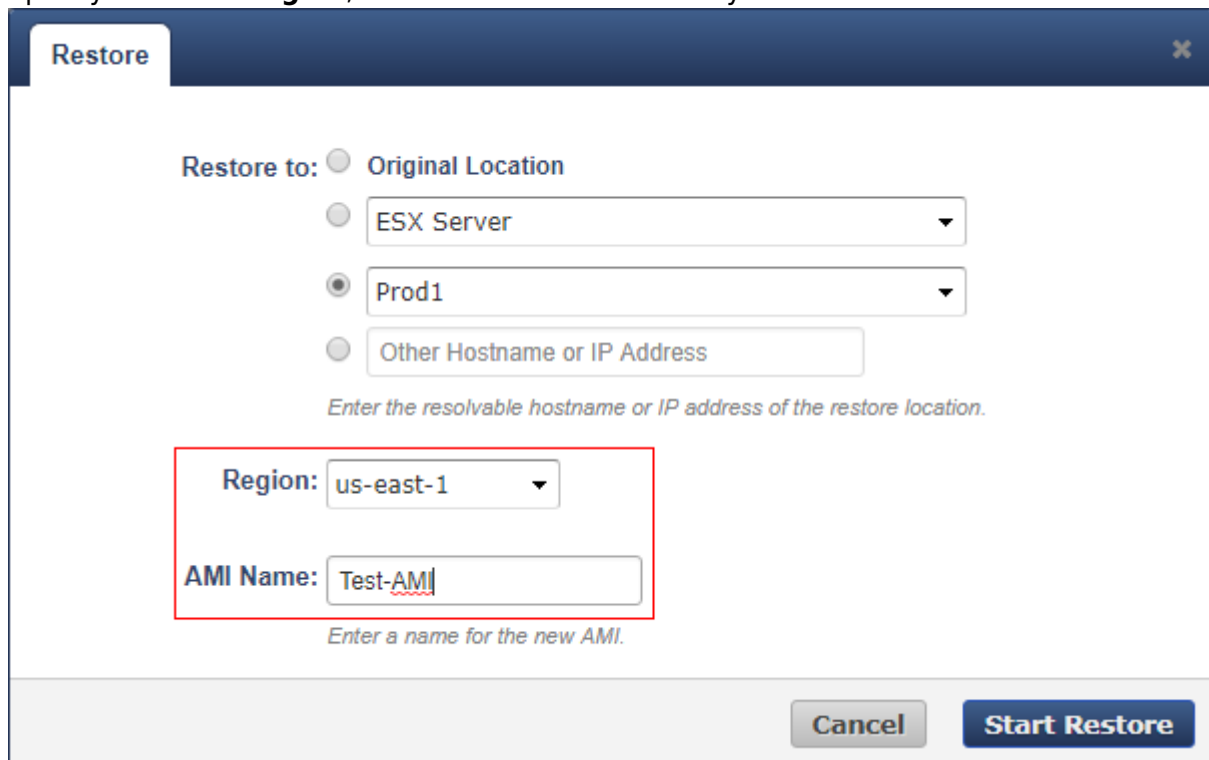
  

Name	Size	Last Change Detected	Action
[datastore15-1] Ubuntu 16 Desktop (x64)/Ubuntu 16 Desktop (x64).vmdk	32.00 GB	Today 12:28am EDT	Download

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:



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

BU

Dashboard

Backup

Restore

Reports

System

Admin

Backup

Restore

Large Items

Audit Log

Development Backup (ARB): Restore Reports

Sources

All

From





Now

Date

2017-08-14

-

2017-08-14

	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:

Services

Resource Groups

EC2 Dashboard

Events

Tags

Reports

Limits

INSTANCES

Instances

Spot Requests

Reserved Instances

Dedicated Hosts

IMAGES

AMIs

Bundle Tasks

Launch

Actions

Owned by me

Filter by tags and attributes or search by keyword

Name	AMI Name	AMI ID	Source	Owner	Visibility	Status	Creation Date	Platform	Root Device 1	Virtualization
Barracuda VM RestoreUBUNTU-CAM - 1502480993.52812650e5e418c7e1102a5	import-ami-fga...	ami-3fb9d95a	024031600996i...	024031600996	Private	available	August 11, 2017 at 6:22:37 ...	Other Linux	efs	hvm

## Figures

1. SingleVideo.png
4. ViewAllRevisions.png
5. SelectAWSAccount.png
6. RegionAWSName.png
7. aws-restore-report.PNG
8. aws-restore-AMI.PNG

© Barracuda Networks Inc., 2024 The information contained within this document is confidential and proprietary to Barracuda Networks Inc. No portion of this document may be copied, distributed, publicized or used for other than internal documentary purposes without the written consent of an official representative of Barracuda Networks Inc. All specifications are subject to change without notice. Barracuda Networks Inc. assumes no responsibility for any inaccuracies in this document. Barracuda Networks Inc. reserves the right to change, modify, transfer, or otherwise revise this publication without notice.