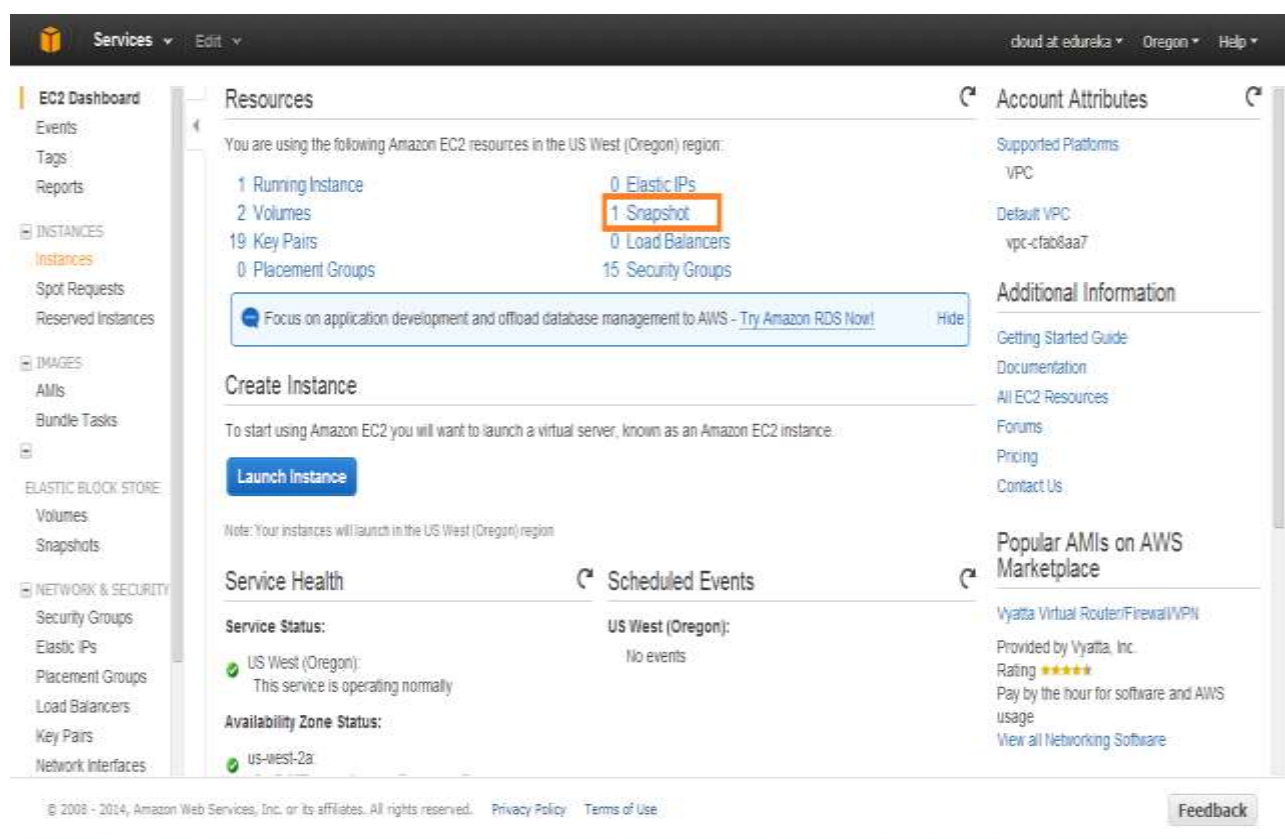


# How to Create an EBS Volume from a Snapshot

Amazon Elastic Block Store (Amazon EBS) offers persistent storage for the Amazon EC2 instances through the EBS volumes. Snapshots can be used to create new Amazon EBS volumes, which will have all the available data snapped during the point-in snapshots.

This demonstrates how to create a volume from a snapshot:

1. Go to the AWS console through the URL <http://aws.amazon.com/console>. Select the EC2 service. From the EC2 dashboard, select EBS Snapshots or Snapshots.



2. The snapshot dashboard lists all the snapshots owned by the user in that region. Select a snapshot from which the user wants to create the volume. Click on the “Create Volume” button.

Services Edit cloud at edureka Oregon Help

Create Snapshot Delete Permissions **Create Volume** Create Image Copy

Viewing: All Snapshots Search 1 to 30 of 3360 items

Name	Snapshot ID	Capacity	Description	Status	Started	Progress
empty	snap-98a6bf69	8 GiB	Created by CreateImage(i-957b19c) for ami-7	completed	2014-03-07 14:53 GMT+053	available (100%)
empty	snap-b253efda	10 GiB	Proxy Sniffer Data Disk NTFS 10 GB	completed	2011-12-27 22:50 GMT+053	available (100%)
empty	snap-b6b0cde	90 GiB		completed	2012-01-08 06:11 GMT+053	available (100%)
empty	snap-d53550ba	1 GiB	linux-debian-5.0-x86_0.7.0.62_120223_172	completed	2012-02-24 03:56 GMT+053	available (100%)
empty	snap-923550fa	1 GiB	linux-centos-5.5-x86_0.7.0.62_120223_172	completed	2012-02-24 03:59 GMT+053	available (100%)
empty	snap-5e345136	1 GiB	linux-centos-5.6-amd64_0.7.0.62_120223_172	completed	2012-02-24 04:01 GMT+053	available (100%)
empty	snap-c63451ae	1 GiB	linux-redhat-5.6-x86_0.7.0.62_120223_172	completed	2012-02-24 04:03 GMT+053	available (100%)
empty	snap-823451ae	1 GiB	linux-redhat-5.6-amd64_0.7.0.62_120223_172	completed	2012-02-24 04:05 GMT+053	available (100%)

1 Elastic Block Store Volume Snapshot selected

Elastic Block Store Volume Snapshot: snap-98a6bf69

Description Tags

Snapshot ID: snap-98a6bf69

Status: completed Progress: 100%

Volume: vol-139ba51d Capacity: 8 GiB

© 2000 - 2014, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use Feedback

3. Select the volume type, size of the volume, IOPS (if volume type is Provisioned IO), and the availability zone. The snapshot ID will automatically be selected based on the snapshot selected in step#2.

Click on the “Yes, Create” button.

**Create Volume** Cancel

**Snapshot:** snap-98a6bf69 -- Created by CreateImage(i... vol-139ba51d

**Volume Type:** Provisioned IOPS (io1)








**Size:** 100 GiB (Min: 8 GiB, Max: 1TiB)

**IOPS:** 100 (Max: 4000 IOPS)

**Availability Zone:** us-west-2a

Cancel Yes, Create

4. The new volume from the snapshot will be created and be in an available state as it is not attached to any instance.

	Name	Volume ID	Capacity	Volume Type	Snapshot	Created	Zone	State	Alarm Status	Attachment Information
	empty	 vol-eb382fe9	10 GiB	standard	–	2014-03-05T10:02:33	us-west-2a	 available	none	
	empty	 vol-ea3c2de8	100 GiB	io1 (100)	snap-98a6bf69	2014-03-07T10:05:14	us-west-2a	 available	none	
	empty	 vol-139ba51d	8 GiB	standard	snap-6415a45a	2014-03-07T07:11:12	us-west-2b	 in-use	none	i-957b1f9c:/dev/sda1 (attar