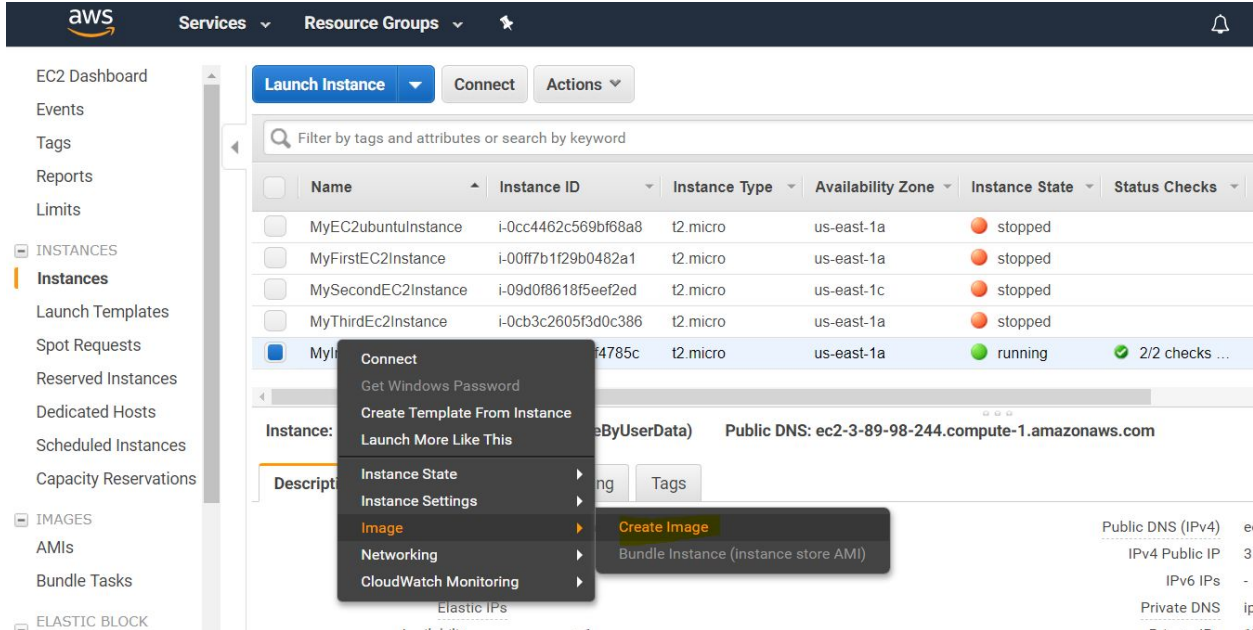


AWS EC2 create AMI image

Exercise: Create Image of an instance and use it as AMI for another new instance.

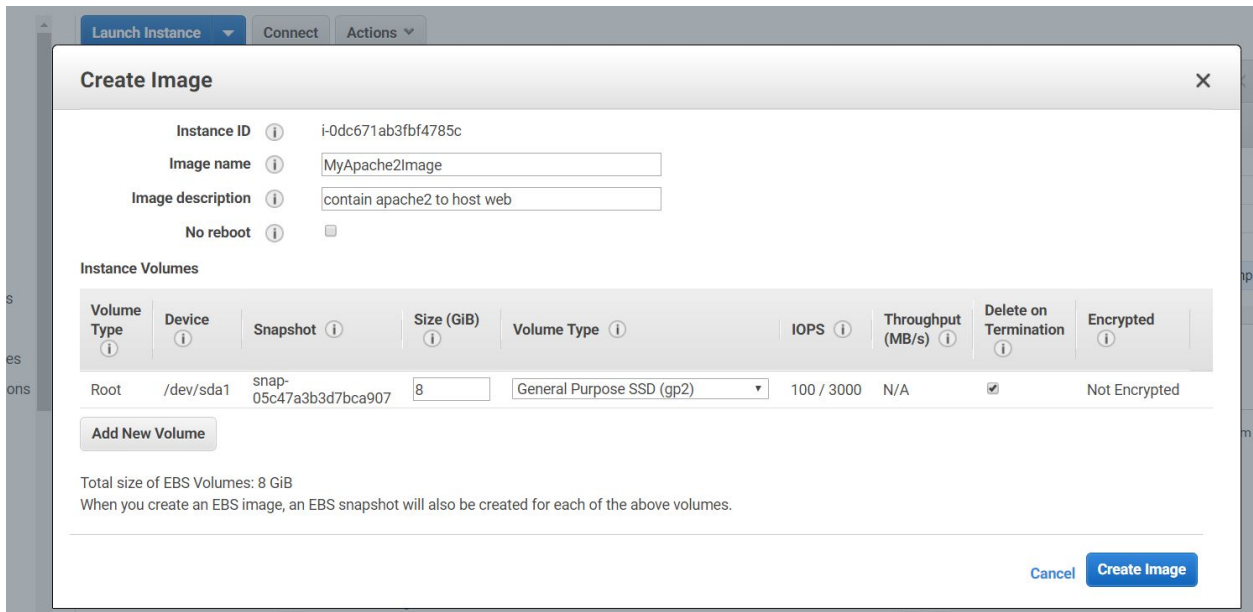
1) Create Image from an existing instance



The screenshot shows the AWS Management Console interface. On the left, the navigation pane includes sections for EC2 Dashboard, INSTANCES, IMAGES, and ELASTIC BLOCK. The main content area displays a table of EC2 instances. The instance 'MyThirdEc2Instance' (ID: i-0cb3c2605f3d0c386) is selected, and the 'Actions' dropdown menu is open. The 'Image' option is highlighted, which has opened a sub-menu where 'Create Image' is the selected action. Other options in the main menu include Connect, Get Windows Password, Create Template From Instance, Launch More Like This, Instance State, Instance Settings, Networking, and CloudWatch Monitoring. The instance details for 'MyThirdEc2Instance' are visible below the table, showing it is a t2.micro instance in the us-east-1a availability zone, currently in a 'running' state with 2/2 status checks passing.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks
MyEC2ubuntulInstance	i-0cc4462c569bf68a8	t2.micro	us-east-1a	stopped	
MyFirstEC2Instance	i-00ff7b1f29b0482a1	t2.micro	us-east-1a	stopped	
MySecondEC2Instance	i-09d0f8618f5eef2ed	t2.micro	us-east-1c	stopped	
MyThirdEc2Instance	i-0cb3c2605f3d0c386	t2.micro	us-east-1a	running	2/2 checks ...

2) Image



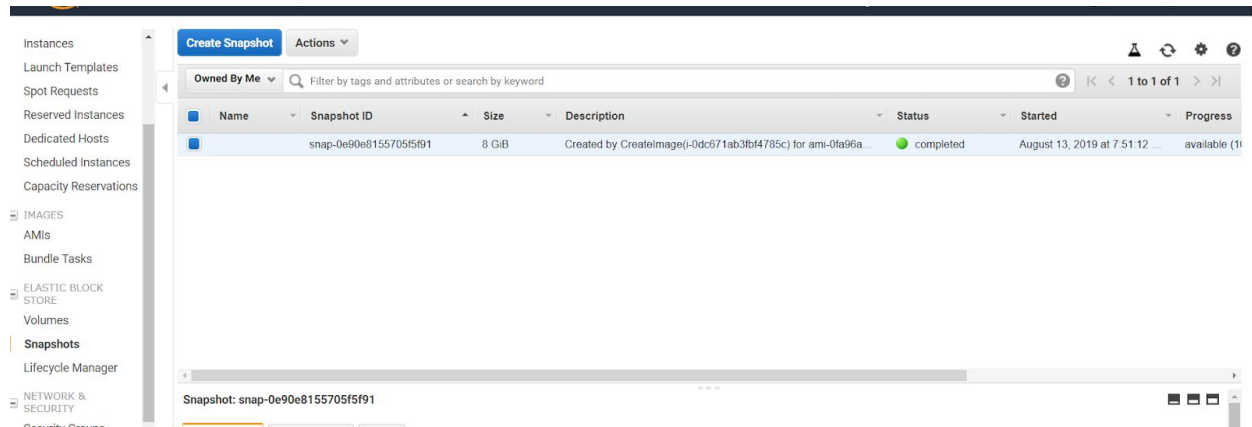
The screenshot shows the 'Create Image' dialog box in the AWS Management Console. The dialog contains the following fields and options:

- Instance ID:** i-0dc671ab3bf4785c
- Image name:** MyApache2Image
- Image description:** contain apache2 to host web
- No reboot:** ☐
- Instance Volumes:** A table showing the volumes to be included in the image.

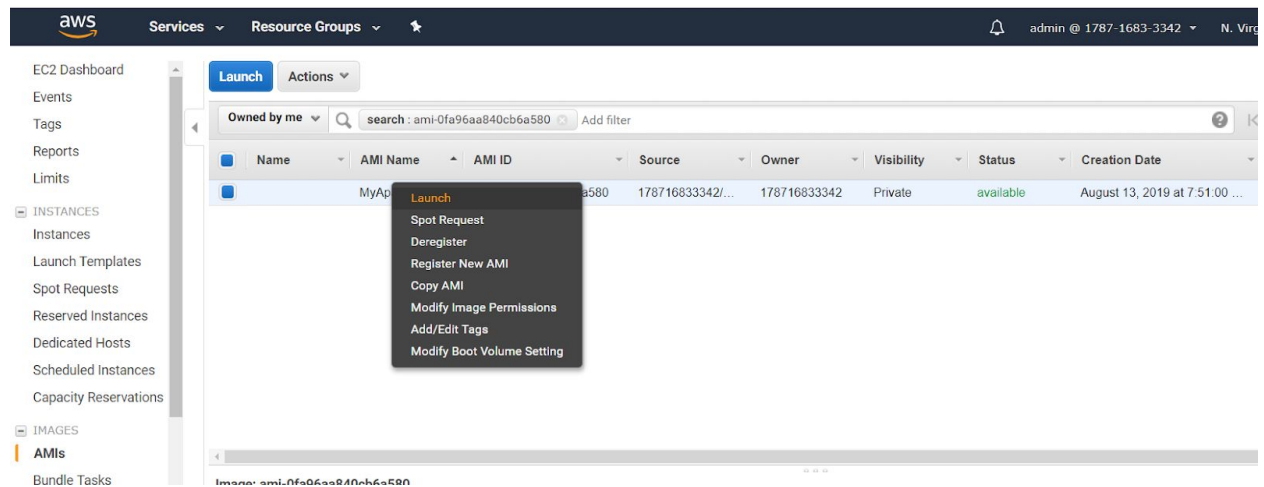
Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encrypted
Root	/dev/sda1	snap-05c47a3b3d7bca907	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

Below the table, there is an 'Add New Volume' button. At the bottom of the dialog, it states: 'Total size of EBS Volumes: 8 GiB. When you create an EBS image, an EBS snapshot will also be created for each of the above volumes.' The 'Create Image' button is highlighted in blue.

Also the Snapshot of this Image is also created



3) Create an instance for this image



4) The new instance created using this Image will have the snapshot of this Image not the default AWS snapshot

ServicesResource Groups

admin @ 1787-1683-3342N. VirginiaSupport

1. Choose AMI2. Choose Instance Type3. Configure Instance4. Add Storage5. Add Tags6. Configure Security Group7. Review

Step 4: Add Storage

Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. [Learn more](#) about storage options in Amazon EC2.

Volume Type ⓘ	Device ⓘ	Snapshot ⓘ	Size (GiB) ⓘ	Volume Type ⓘ	IOPS ⓘ	Throughput (MB/s) ⓘ	Delete on Termination ⓘ	Encryption ⓘ
Root	/dev/sda1	snap-0e90e8155705f5f91	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted ▼

Add New Volume

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. [Learn more](#) about free usage tier eligibility and usage restrictions.

CancelPreviousReview and LaunchNext: Add Tags

- 5) Once instance is launched, check the content of the web. It will be same as the instance content from which the image is taken.

← → ↻ ⓘ Not secure | 3.93.13.135

Hello Ec2 -Selvin

By Selvin