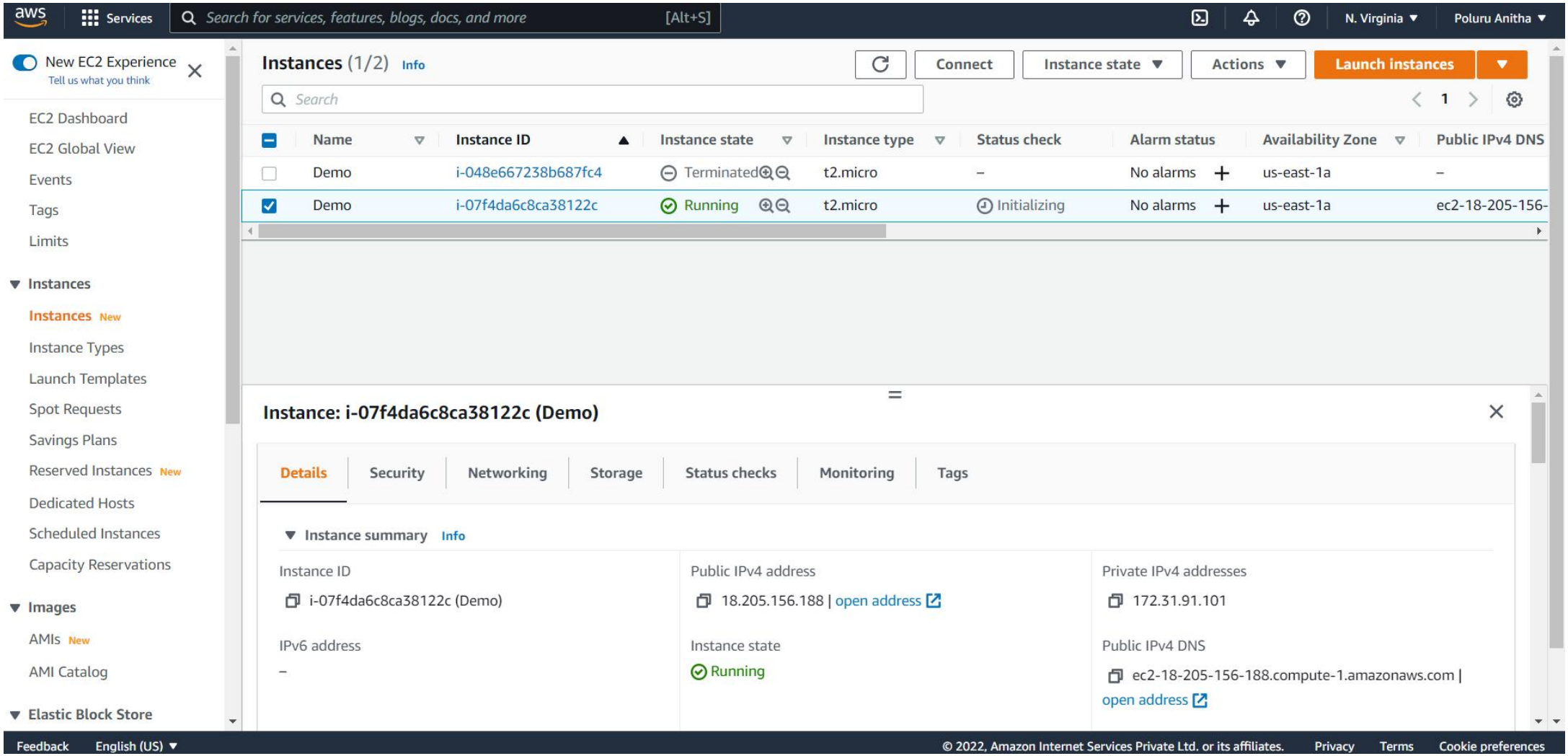
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New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances New
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances New
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs New
AMI Catalog
Elastic Block Store
Instances (1/2) Info
Connect
Instance state
Actions
Launch instances
Search
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Demo
i-048e667238b687fc4
Terminated
t2.micro
–
No alarms
us-east-1a
–
Demo
i-07f4da6c8ca38122c
Running
t2.micro
Initializing
No alarms
us-east-1a
ec2-18-205-156-
Instance: i-07f4da6c8ca38122c (Demo)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-07f4da6c8ca38122c (Demo)
IPv6 address
–
Public IPv4 address
18.205.156.188 | open address
Instance state
Running
Private IPv4 addresses
172.31.91.101
Public IPv4 DNS
ec2-18-205-156-188.compute-1.amazonaws.com | open address
Feedback
English (US)
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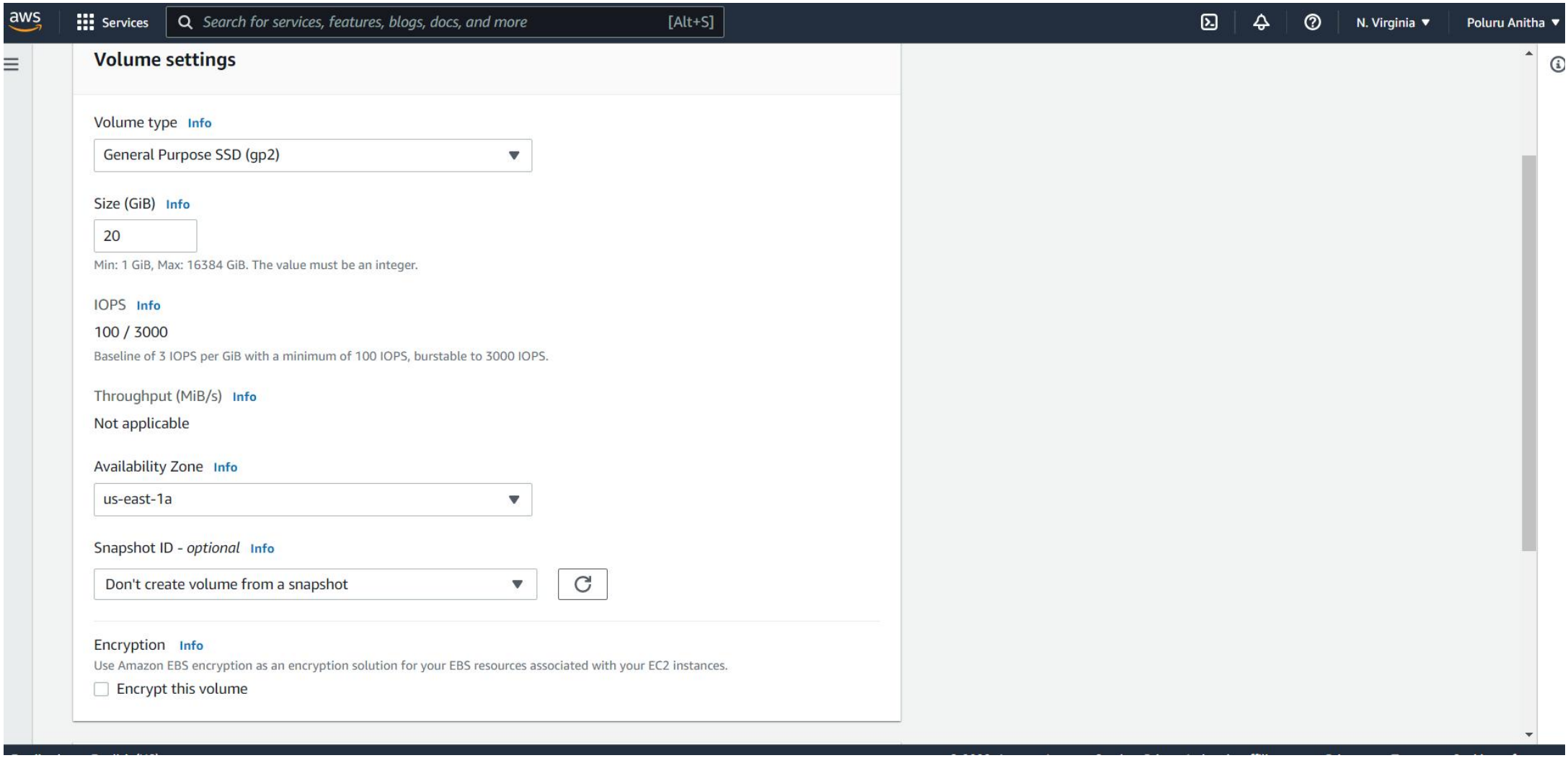
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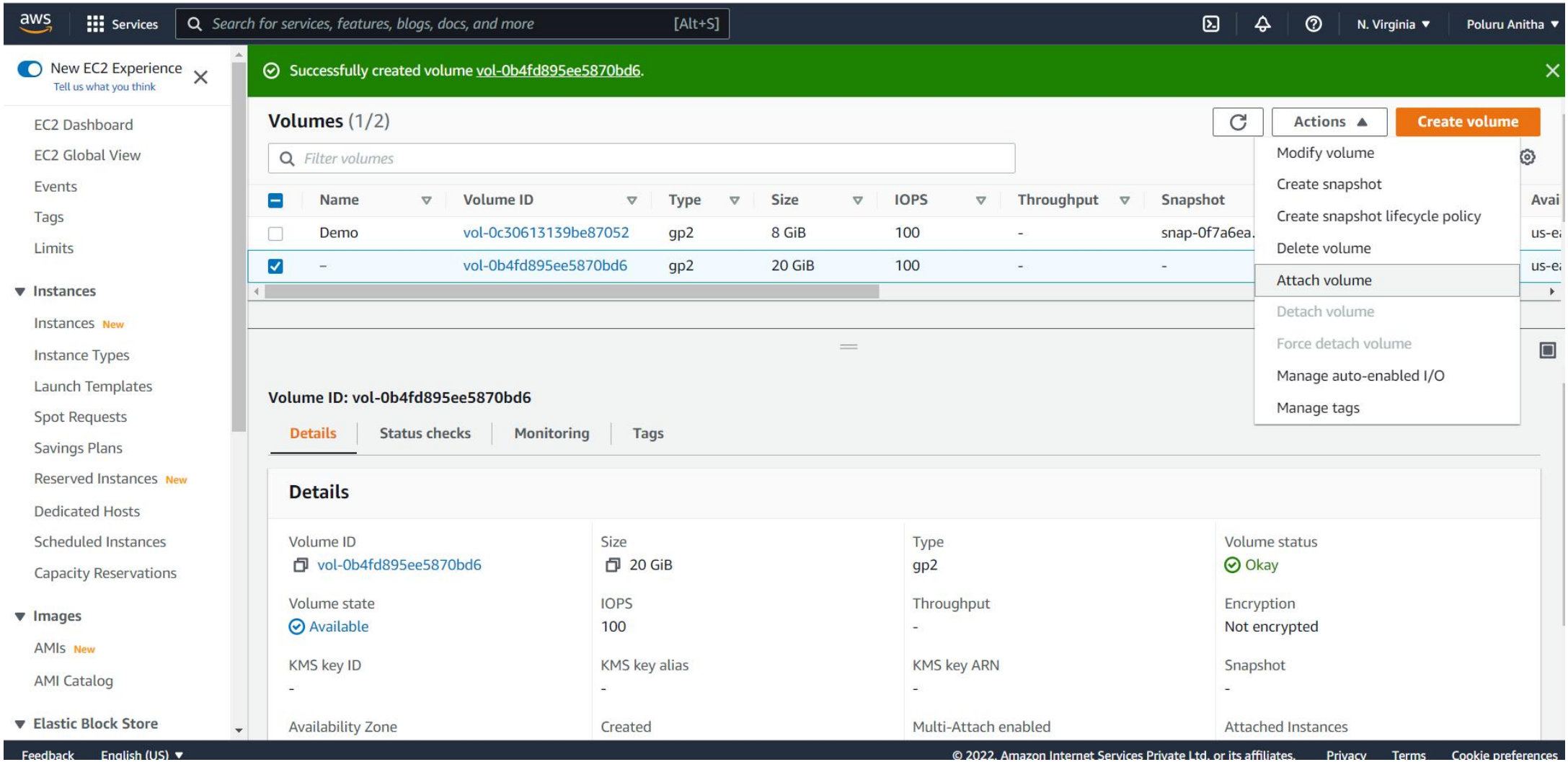
Volume settings
Volume type Info
General Purpose SSD (gp2)
Size (GiB) Info
20
Min: 1 GiB, Max: 16384 GiB. The value must be an integer.
IOPS Info
100 / 3000
Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.
Throughput (MiB/s) Info
Not applicable
Availability Zone Info
us-east-1a
Snapshot ID - optional Info
Don't create volume from a snapshot
Encryption Info
Use Amazon EBS encryption as an encryption solution for your EBS resources associated with your EC2 instances.
Encrypt this volume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Instances New
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Savings Plans
Reserved Instances New
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs New
AMI Catalog
Elastic Block Store
Successfully created volume vol-0b4fd895ee5870bd6.
Volumes (1/2)
Filter volumes
Actions
Create volume
Modify volume
Create snapshot
Create snapshot lifecycle policy
Delete volume
Attach volume
Detach volume
Force detach volume
Manage auto-enabled I/O
Manage tags
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot
Avai
Demo
vol-0c30613139be87052
gp2
8 GiB
100
-
snap-0f7a6ea.
us-e
-
vol-0b4fd895ee5870bd6
gp2
20 GiB
100
-
-
us-e
Volume ID: vol-0b4fd895ee5870bd6
Details
Status checks
Monitoring
Tags
Details
Volume ID
vol-0b4fd895ee5870bd6
Size
20 GiB
Type
gp2
Volume status
Okay
Volume state
Available
IOPS
100
Throughput
-
Encryption
Not encrypted
KMS key ID
-
KMS key alias
-
KMS key ARN
-
Snapshot
-
Availability Zone
Created
Multi-Attach enabled
Attached Instances
Feedback
English (US)
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Attach volume Info

Attach a volume to an instance to use it as you would a regular physical hard disk drive.

Basic details

Volume ID

vol-0b4fd895ee5870bd6

Availability Zone

us-east-1a

Instance Info

i-07f4da6c8ca38122c

Only instances in the same Availability Zone as the selected volume are displayed.

Device name Info

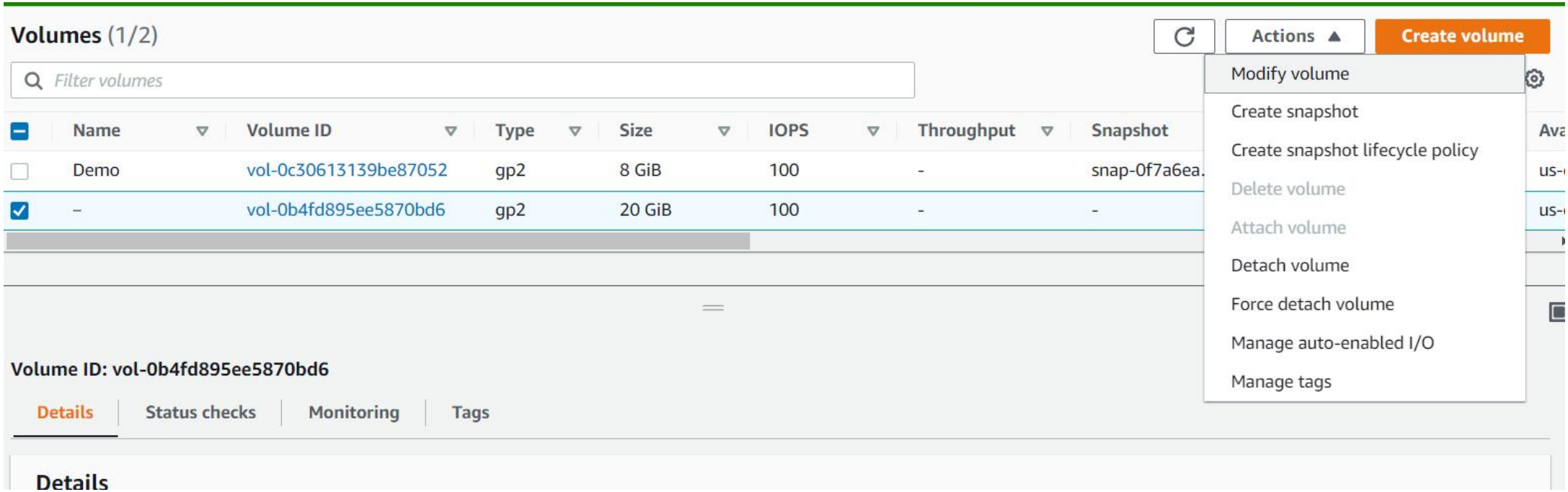
/dev/sdf

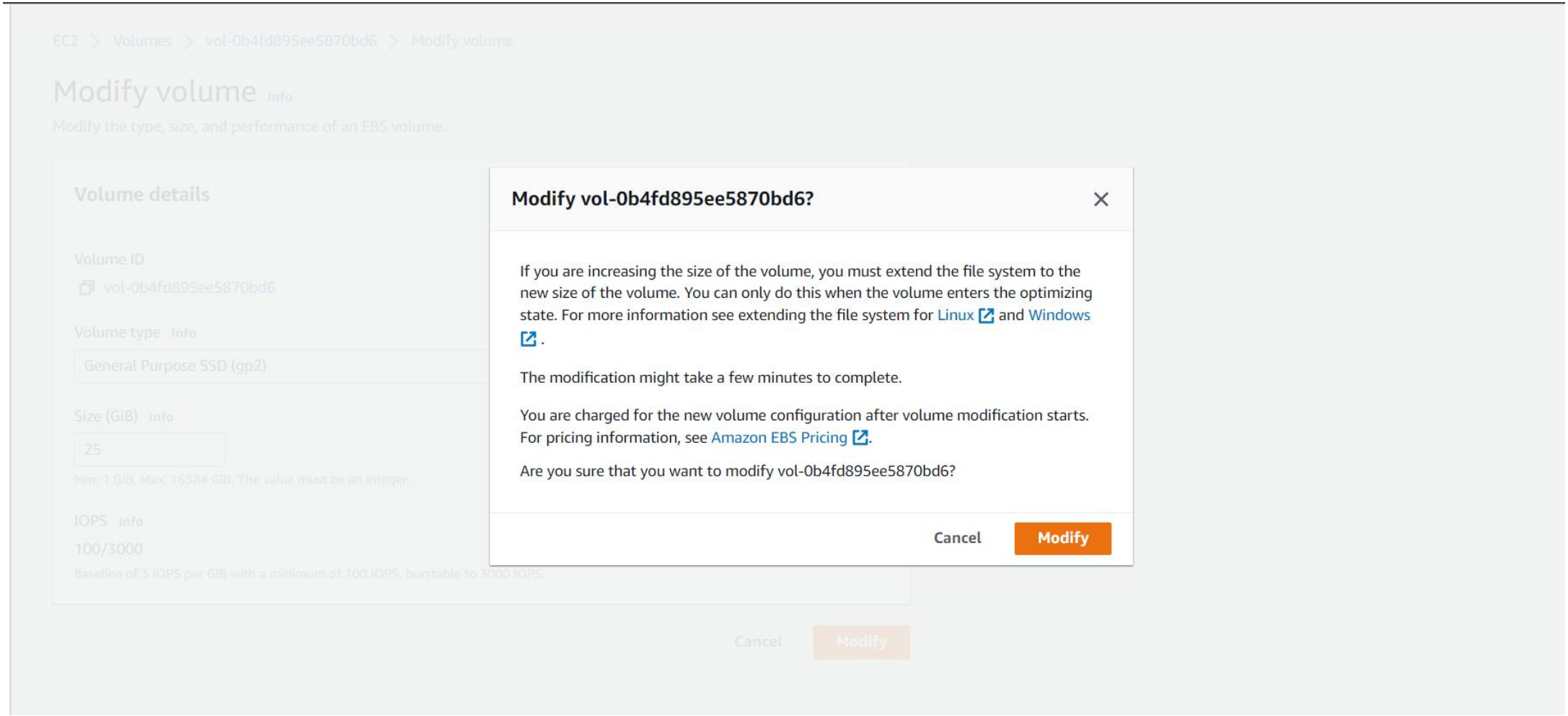
Linux device names: /dev/sdf through /dev/sdp

Newer Linux kernels may rename your devices to **/dev/xvdf** through **/dev/xvdp** internally, even when the device name entered here (and shown in the details) is **/dev/sdf** through **/dev/sdp.**

Cancel Attach volume

```
login as: ubuntu
Authenticating with public key "imported-openssh-key"
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.11.0-1022-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

  System information as of Thu Feb 10 02:52:54 UTC 2022

  System load:  0.0               Processes:             114
  Usage of /:   20.6% of 7.69GB   Users logged in:       1
  Memory usage: 24%               IPv4 address for eth0: 172.31.91.101
  Swap usage:   0%


58 updates can be applied immediately.
42 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable


Last login: Thu Feb 10 02:38:54 2022 from 219.91.254.34
ubuntu@ip-172-31-91-101:~$ sudo su
root@ip-172-31-91-101:/home/ubuntu# apt-get update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
root@ip-172-31-91-101:/home/ubuntu# apt-get install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
apache2 is already the newest version (2.4.41-4ubuntu3.9).
0 upgraded, 0 newly installed, 0 to remove and 57 not upgraded.
root@ip-172-31-91-101:/home/ubuntu# lsblk
NAME    MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
loop0     7:0    0   25M  1 loop /snap/amazon-ssm-agent/4046
loop1     7:1    0 55.5M  1 loop /snap/core18/2253
loop2     7:2    0 61.9M  1 loop /snap/core20/1242
loop3     7:3    0 67.2M  1 loop /snap/lxd/21835
loop4     7:4    0 42.2M  1 loop /snap/snapd/14066
xvda    202:0    0    8G  0 disk
└─xvda1 202:1    0    8G  0 part /
xvdf    202:80   0   20G  0 disk
root@ip-172-31-91-101:/home/ubuntu#
```


Volumes (1/2)
Actions
Create volume
Filter volumes
Modify volume
Create snapshot
Create snapshot lifecycle policy
Delete volume
Attach volume
Detach volume
Force detach volume
Manage auto-enabled I/O
Manage tags
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot
Demo
vol-0c30613139be87052
gp2
8 GiB
100
-
snap-0f7a6ea.
–
vol-0b4fd895ee5870bd6
gp2
20 GiB
100
-
-
Volume ID: vol-0b4fd895ee5870bd6
Details
Status checks
Monitoring
Tags
Details


EC2 > Volumes > vol-0b4fd895ee5870bd6 > Modify volume
Modify volume Info
Modify the type, size, and performance of an EBS volume.
Volume details
Volume ID
vol-0b4fd895ee5870bd6
Volume type Info
General Purpose SSD (gp2)
Size (GiB) Info
25
Min: 1 GiB, Max: 16384 GiB. The value must be an integer.
IOPS Info
100/3000
Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.
Cancel
Modify
Modify vol-0b4fd895ee5870bd6?
If you are increasing the size of the volume, you must extend the file system to the new size of the volume. You can only do this when the volume enters the optimizing state. For more information see extending the file system for Linux and Windows .
The modification might take a few minutes to complete.
You are charged for the new volume configuration after volume modification starts. For pricing information, see Amazon EBS Pricing.
Are you sure that you want to modify vol-0b4fd895ee5870bd6?
Cancel
Modify

```
root@ip-172-31-91-101:/home/ubuntu# lsblk
NAME     MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
loop0      7:0    0   25M  1 loop /snap/amazon-ssm-a
loop1      7:1    0 55.5M  1 loop /snap/core18/2253
loop2      7:2    0 61.9M  1 loop /snap/core20/1242
loop3      7:3    0 67.2M  1 loop /snap/lxd/21835
loop4      7:4    0 42.2M  1 loop /snap/snapd/14066
xvda     202:0    0    8G  0 disk
└─xvda1  202:1    0    8G  0 part /
xvdf     202:80   0   25G  0 disk
root@ip-172-31-91-101:/home/ubuntu#
```