

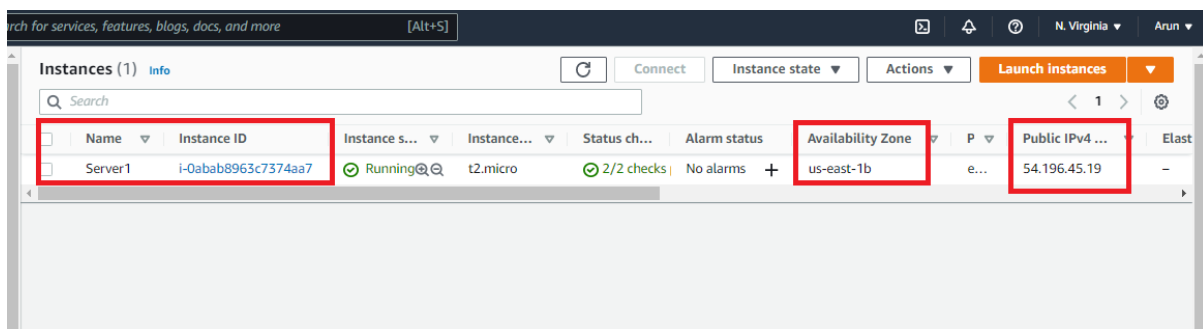
Attaching snapshot with same AZ – with one.html file

Attaching snapshot with cross AZ – with one.html file

Step 1 : Create a linux instance in desired AZ.

Notedown Here selected AZ is us-east-1b.

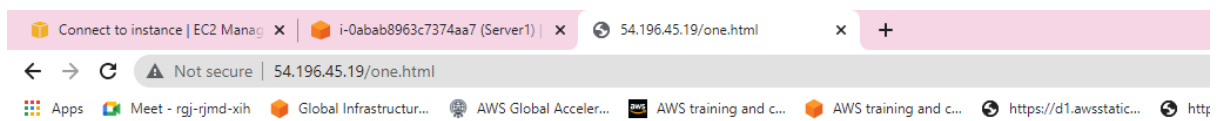
Public IP- 54.196.45.19



Step 2 : Connect the Instance. Run the update command , Install httpd, create one html file and run necessary commands.

```
sudo su -  
yum update -y  
yum install -y httpd  
systemctl start httpd  
systemctl enable httpd  
systemctl status httpd  
cd /var/www/html  
touch one.html  
vi one.html
```

Step 3: Now connect to 54.196.45.19/one.html in browser.

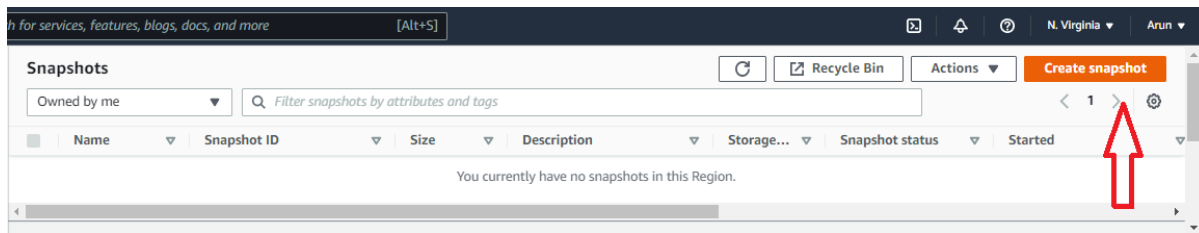


This webpage is created in Linux server1

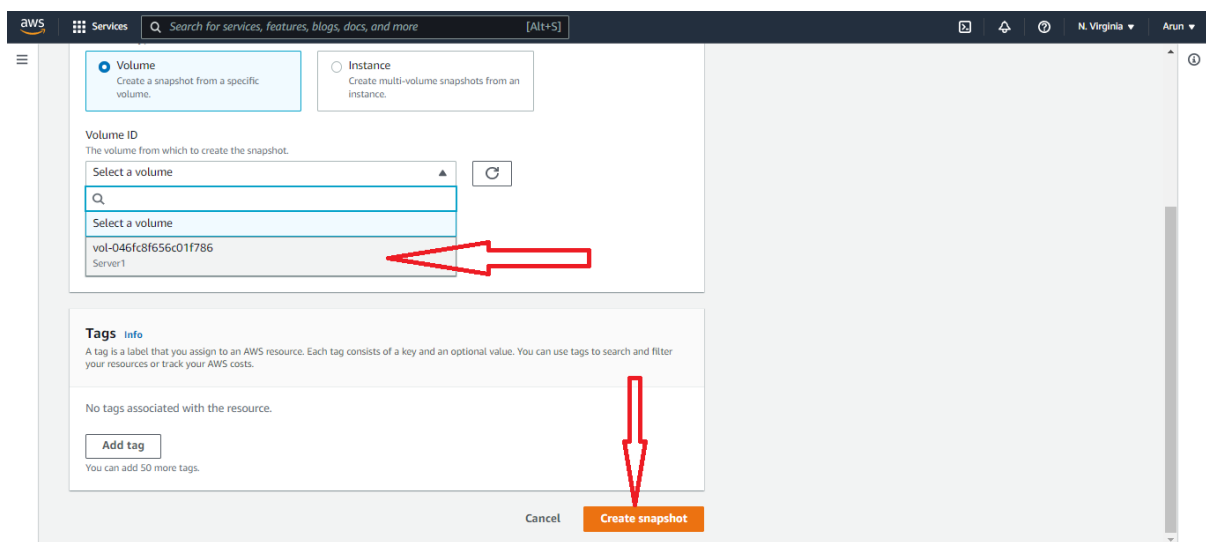
AZ is us-east-1b.

Public IP- 54.196.45.19

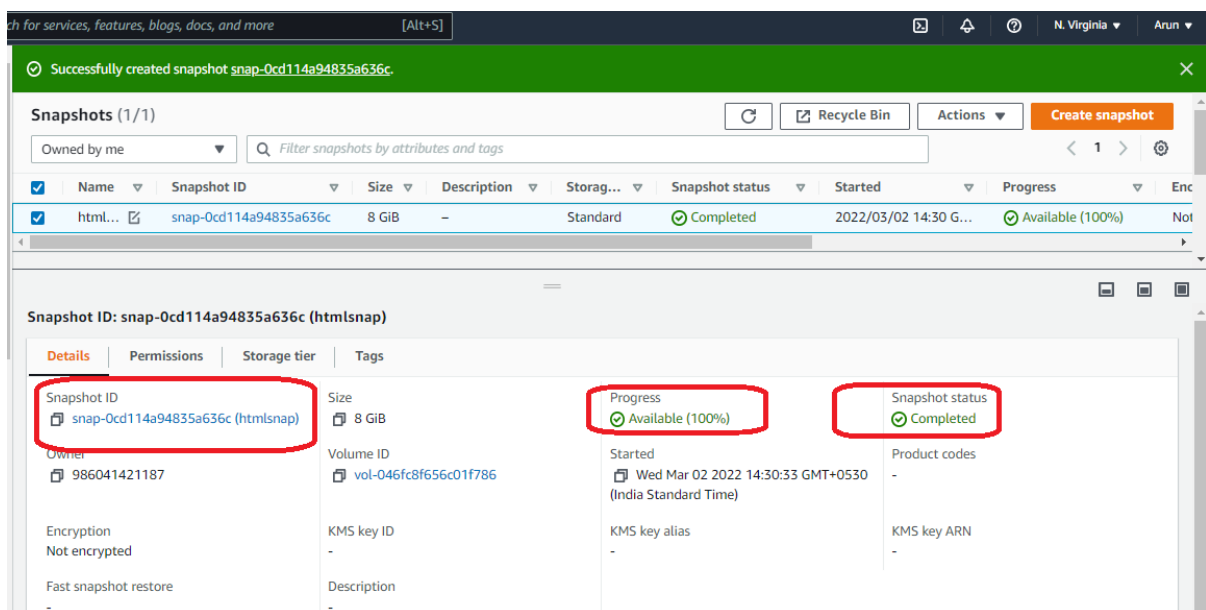
Step 4: Now procedure to take snapshot >>>Goto snapshot >> click create snapshot



Step 5: select volume snapshot >> select the volume id from the scroll >> create snapshot



Step 6 : copy snapshot ID : snap-0cd114a94835a636c



Step 7 : Now create new instance in the same AZ us-east-1b.

During Add storage >> Add new volume >> search with snapshot ID >> select >> create Instance

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/xvda	snap-0f8714fe3d4cbce82	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted
EBS	/dev/sdb	p-0cd114a94835a636	8	General Purpose SSD (gp2)	100 / 3000	N/A	<input 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.

▼ Shared file systems

You currently don't have any file systems on this instance. Select "Add file system" button below to add a file system.

[Cancel](#) [Previous](#) [Review and Launch](#) [Next: Add Tags](#)

Step 8 : Now notedown public ip : 50.16.116.213

Instances (1/2) Info

[Connect](#) [Instance state](#) [Actions](#) [Launch Instances](#)

Name	Instance ID	Instance s...	Instance...	Status ch...	Alarm status	Availability Zone	P	Public IPv4 ...
Server1	i-0abab8963c7374aa7	Stopped@	t2.micro	-	No alarms	us-east-1b	-	-
same-AZ-snap	i-09abb89fa2d5091a6	Running@	t2.micro	Initializing..	No alarms	us-east-1b	e...	50.16.116.213

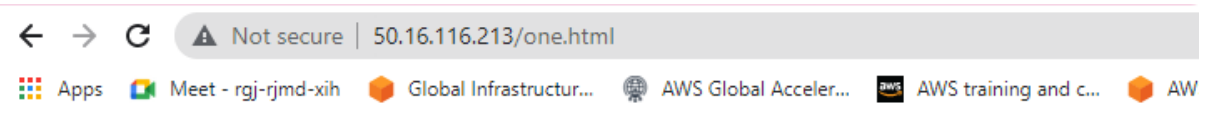
Instance: i-09abb89fa2d5091a6 (same-AZ-snap)

[Details](#) [Security](#) [Networking](#) [Storage](#) [Status checks](#) [Monitoring](#) [Tags](#)

▼ Instance summary Info

Instance ID	i-09abb89fa2d5091a6 (same-AZ-snap)	Public IPv4 address	50.16.116.213 open address	Private IPv4 addresses	172.31.35.217
IPv6 address	-	Instance state	Running	Public IPv4 DNS	ec2-50-16-116-213.compute-1.amazonaws.com open address

Step 9 : goto browser 50.16.116.213/one.html.



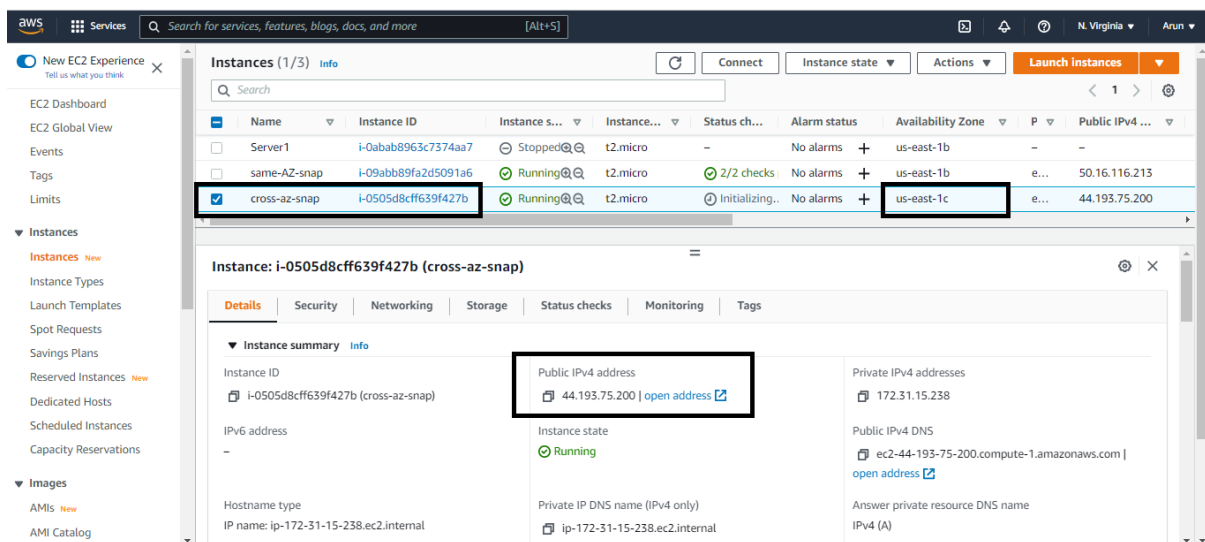
This webpage is created in Linux server1

AZ is us-east-1b.

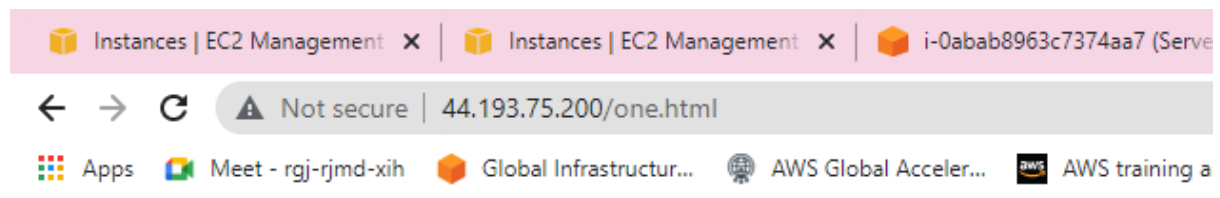
Public IP- 54.196.45.19

Here we may conclude that the html file created in previous instance is appearing here also by the method of volume snapshot attaching.

Step: 10 Repeat step 7, 8 and 9 but choose different AZ , say us-east-1c



goto browser 44.193.75.200/one.html.



This webpage is created in Linux server1

AZ is us-east-1b.

Public IP- 54.196.45.19

Here we may conclude that the html file created in previous instance, which was at different AZ is appearing here also by the method of volume snapshot attaching cross AZs