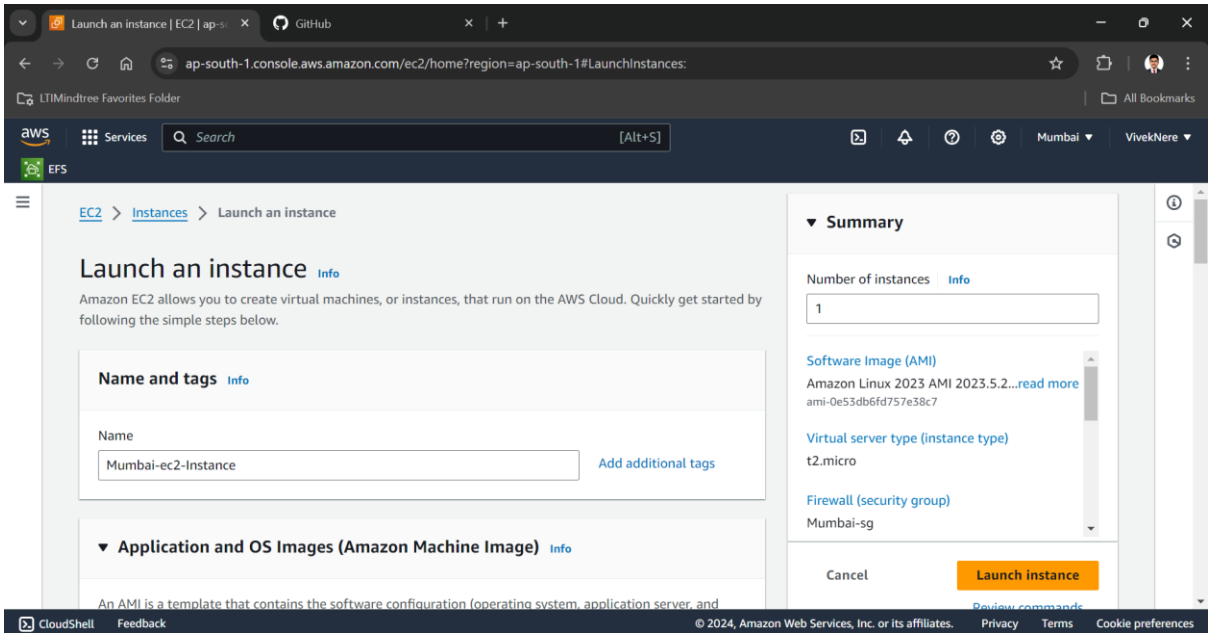
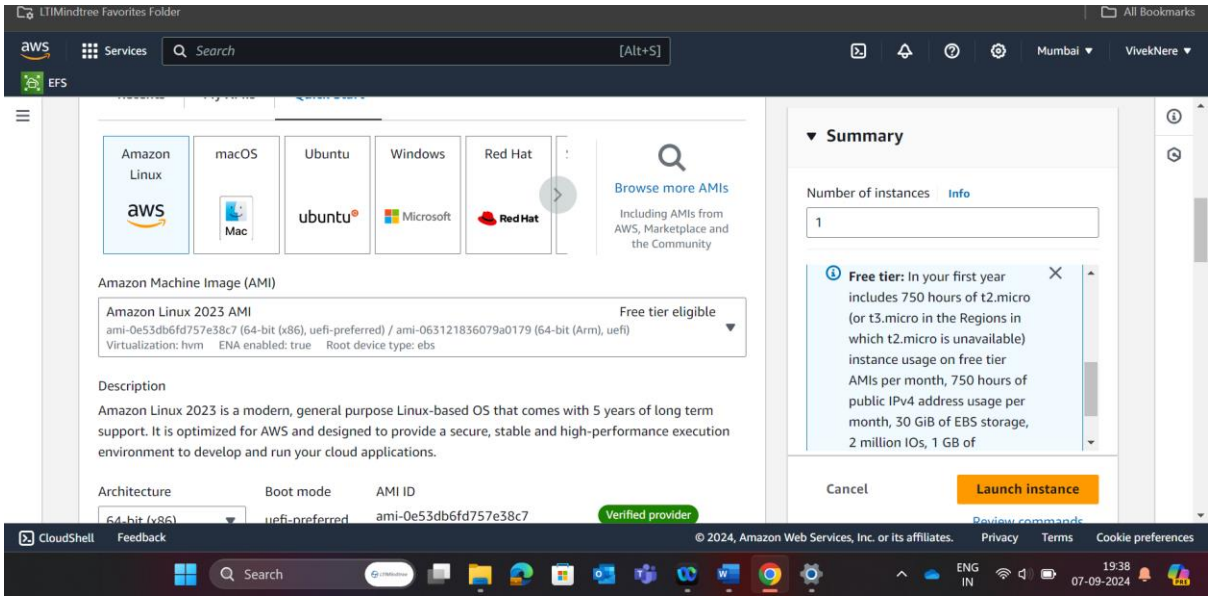
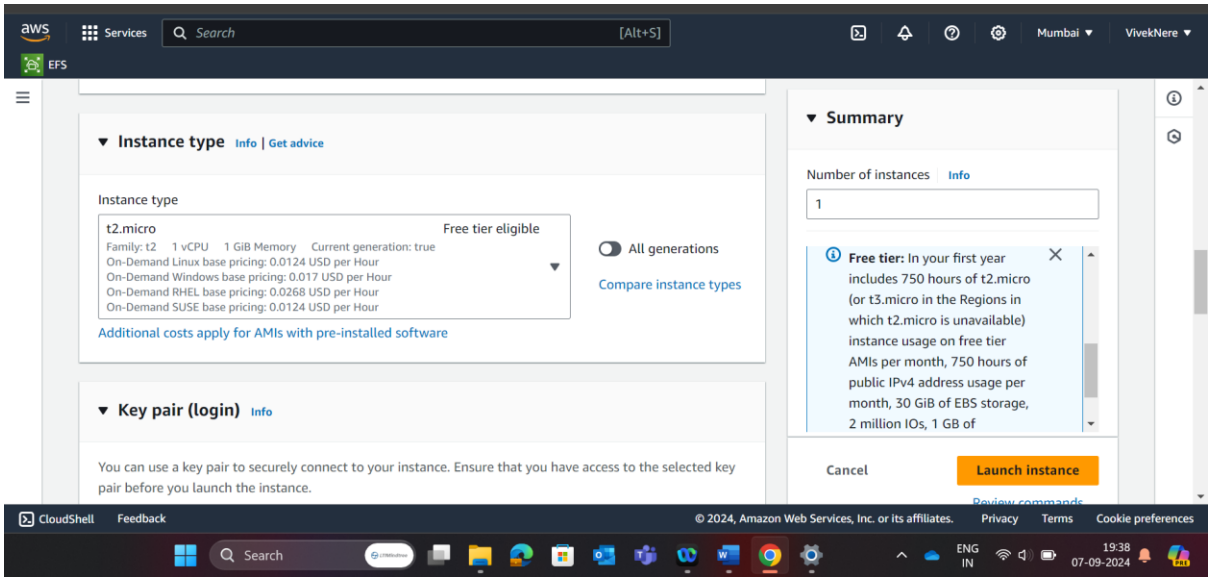
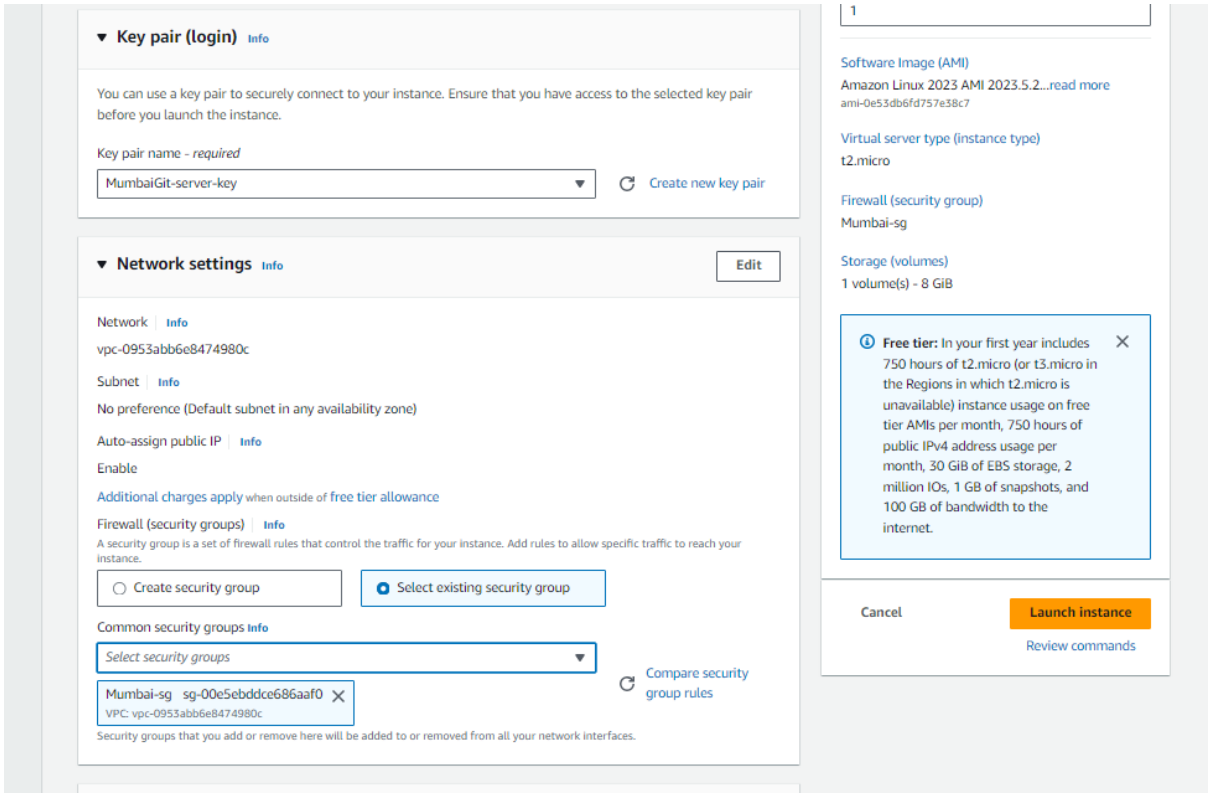
The basic workflow to move one ec2 instance from one region to another region we have to create snapshot of the region1 instance and create an AMI image of that instance in that region and copy that AMI image in that region2 where we want to move that instance and from that copy image, we can again launch that instance in region2.

1)Go to the instance of Mumbai and select that instance.

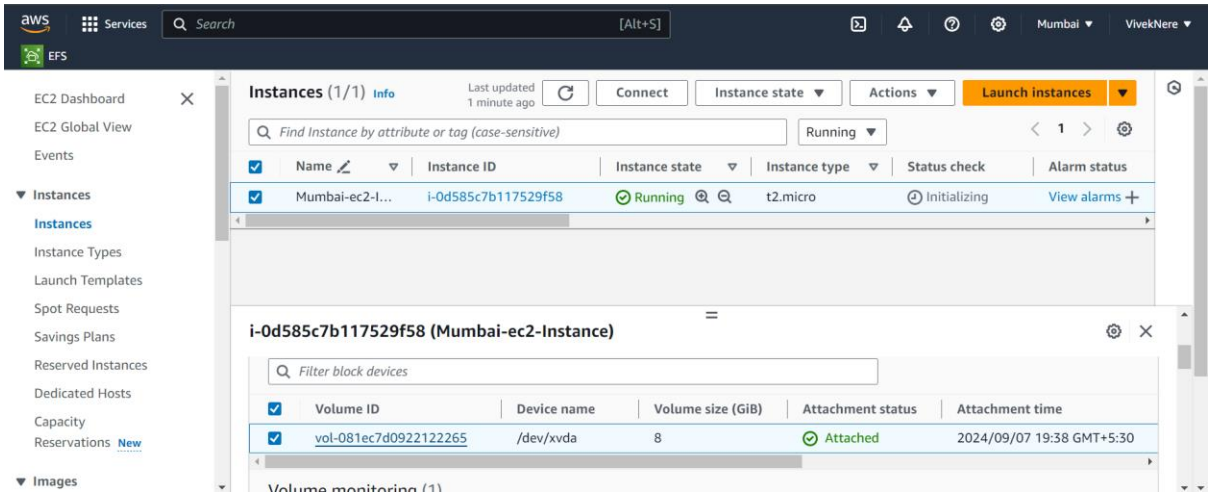




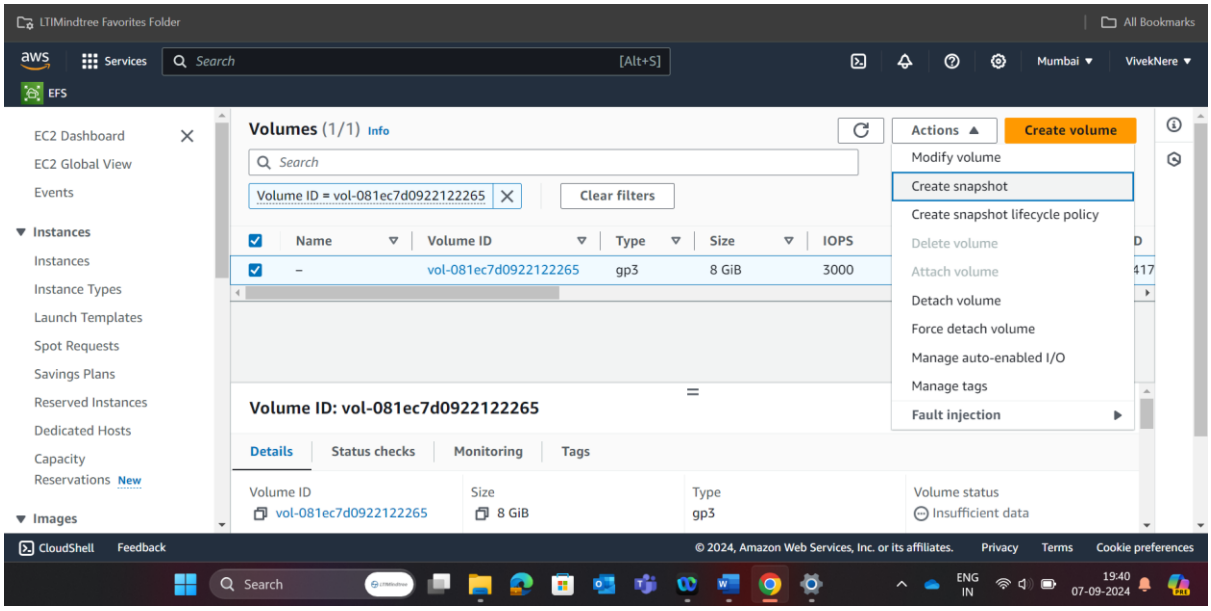


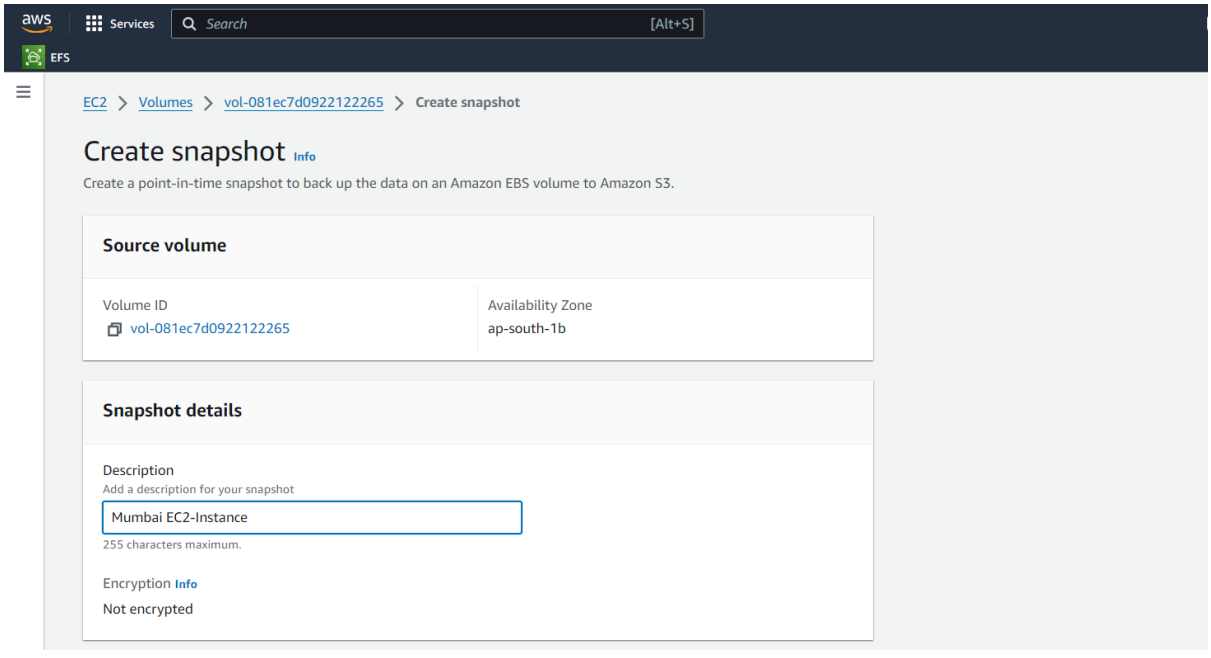


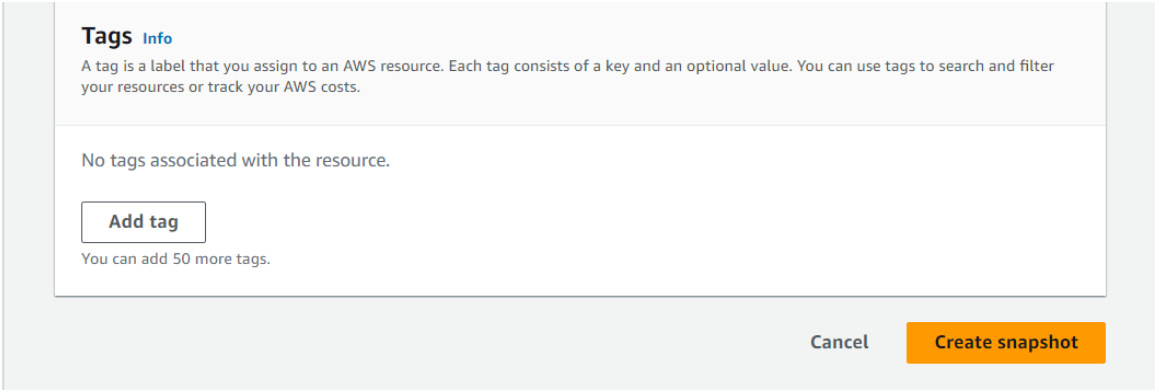
2)Go to the storage of that instance and click on the volume ID



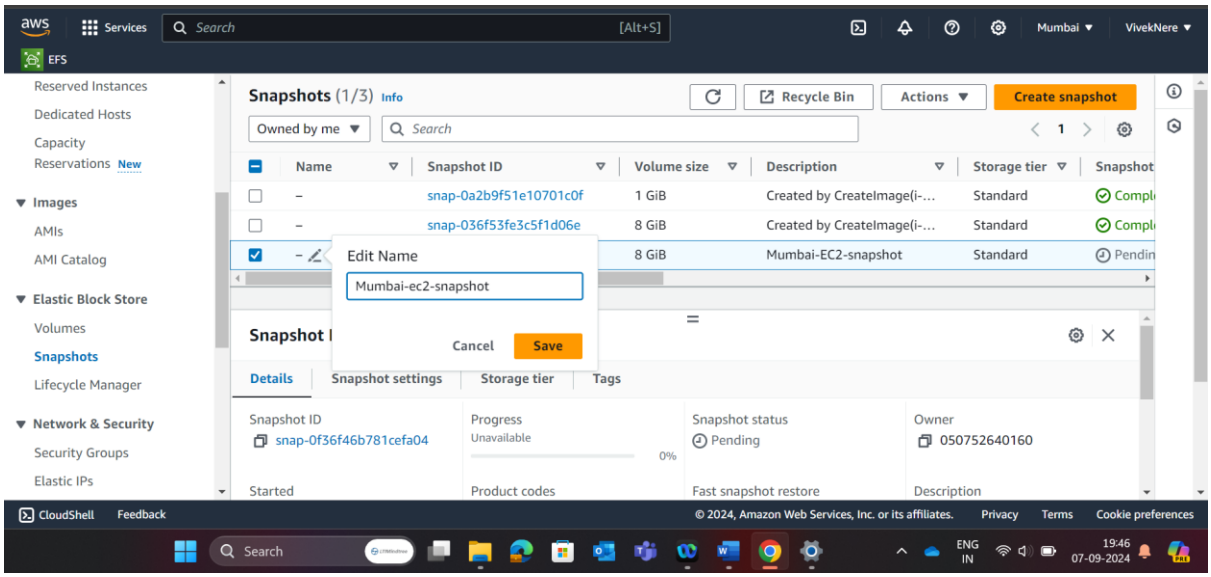
3)select that volume then go to the action and select create snapshot option



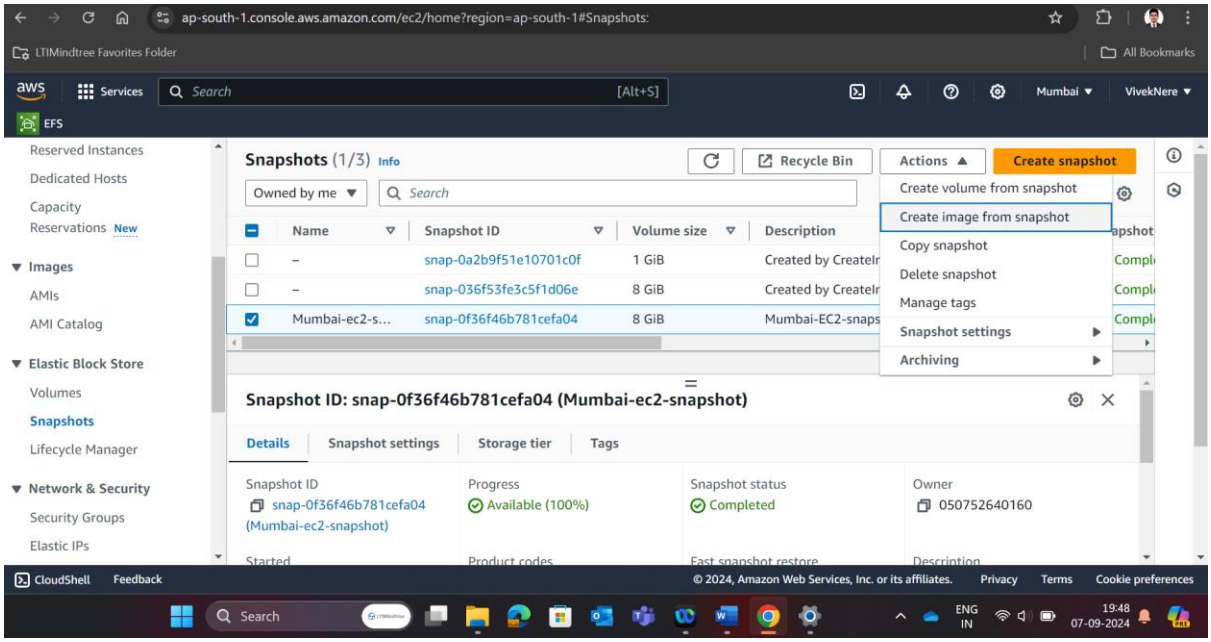




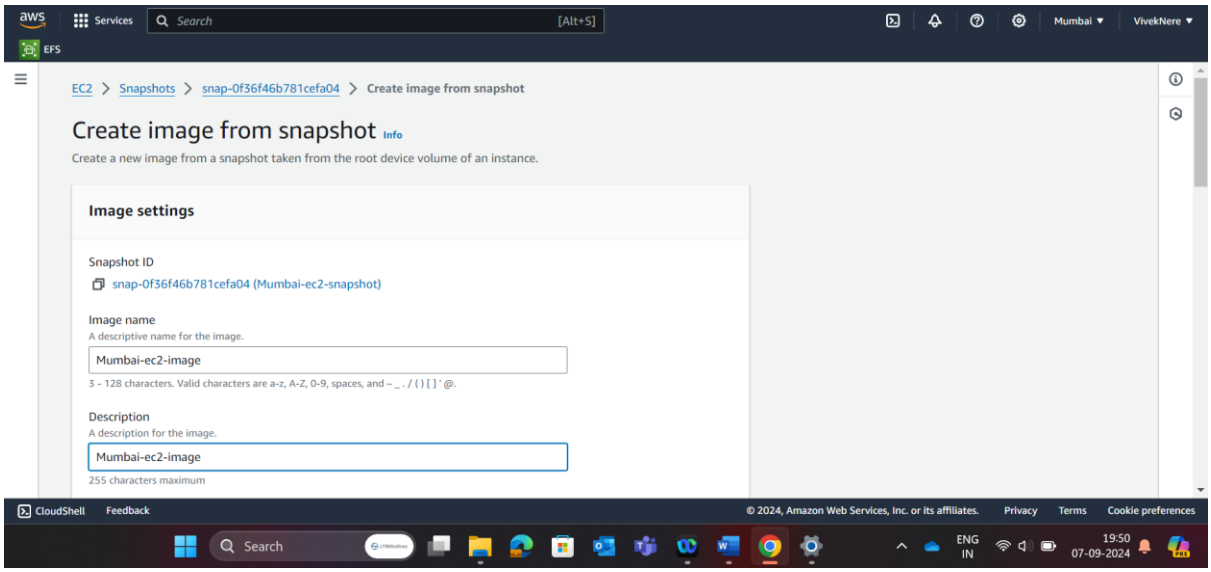
4)Then Go to the Elastic Block storage then click on Snapshots then select that snapshot and give name to that snapshot.

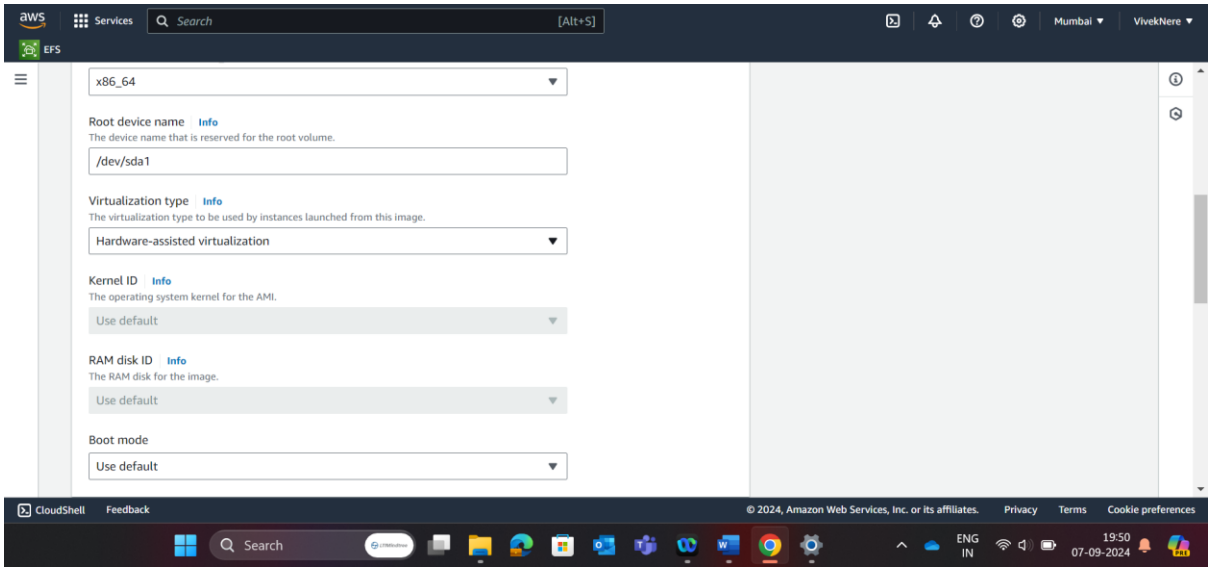


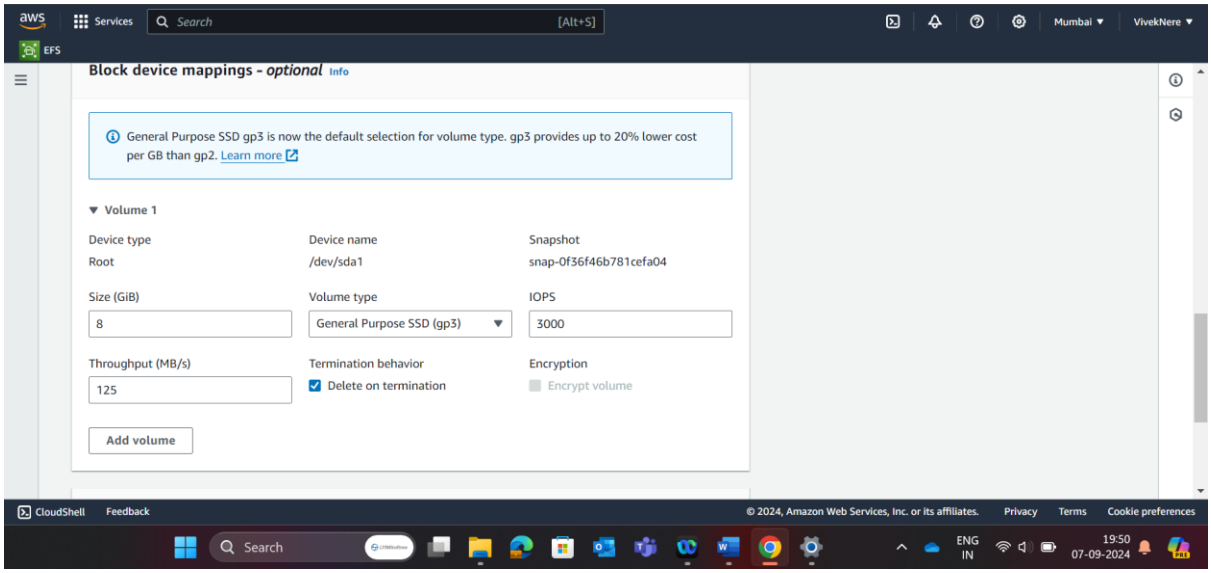
5)Now we need to create an AMI image of that instance from that snapshot so select that snapshot then click on ‘action’ then click on ‘create image from snapshot’



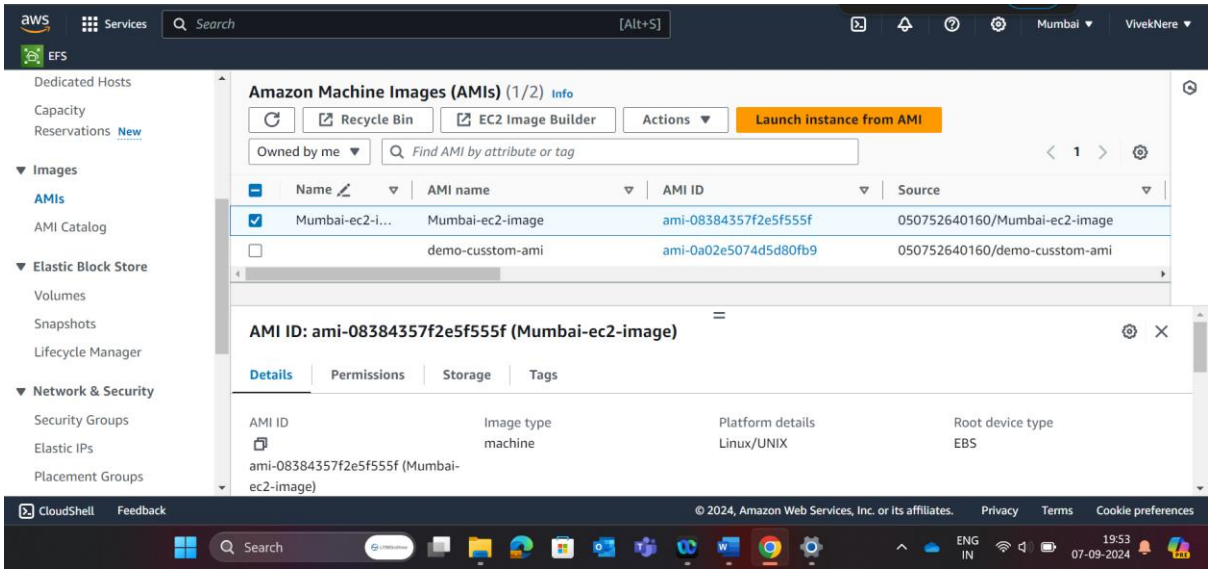
6)Give name and description to that image and create that image



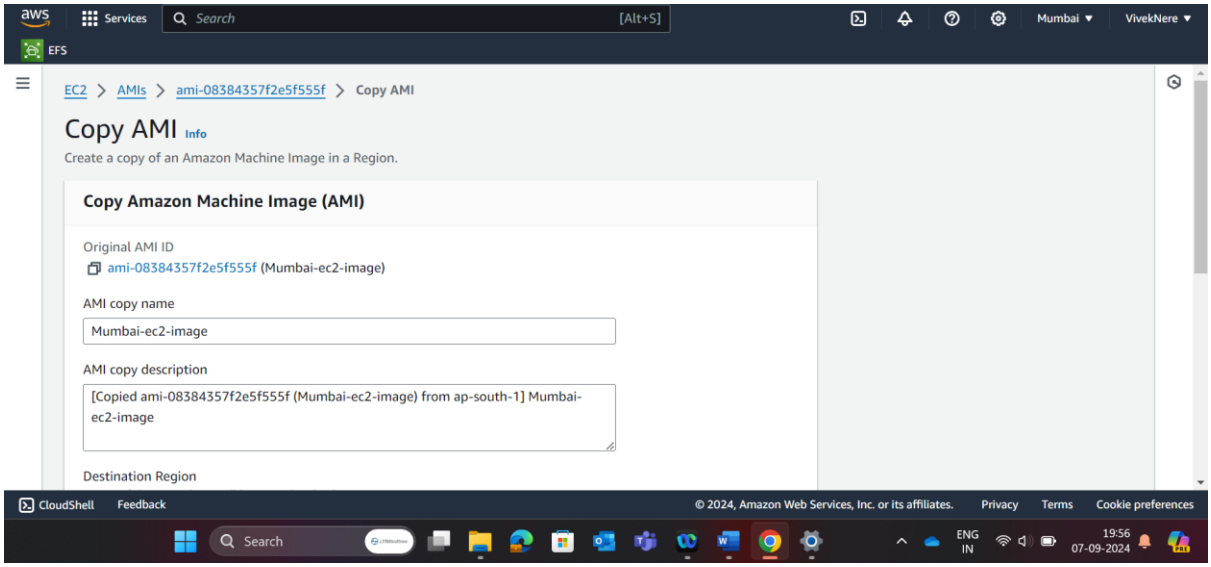


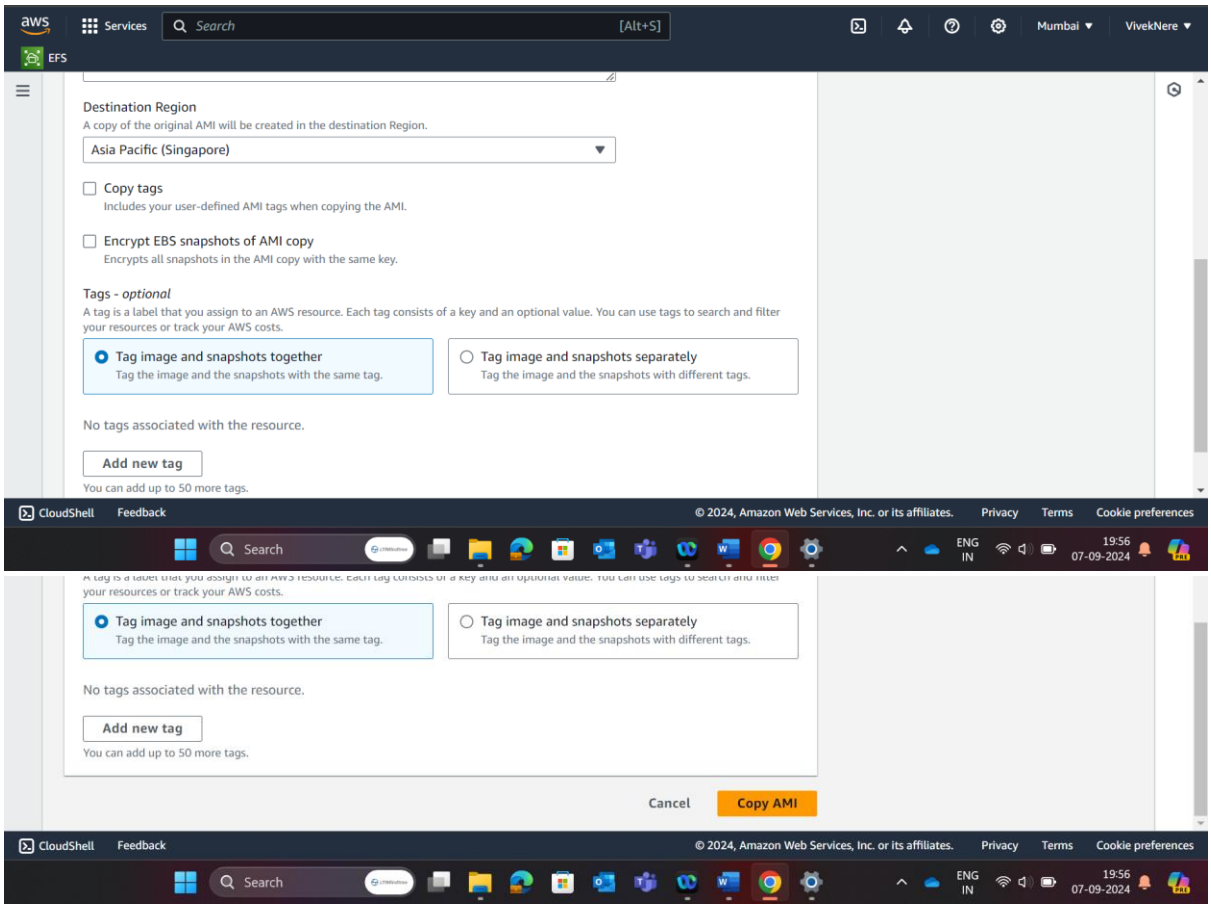


7)Now click on ‘images’ then click on ‘AMI’ to see whether image get created or not

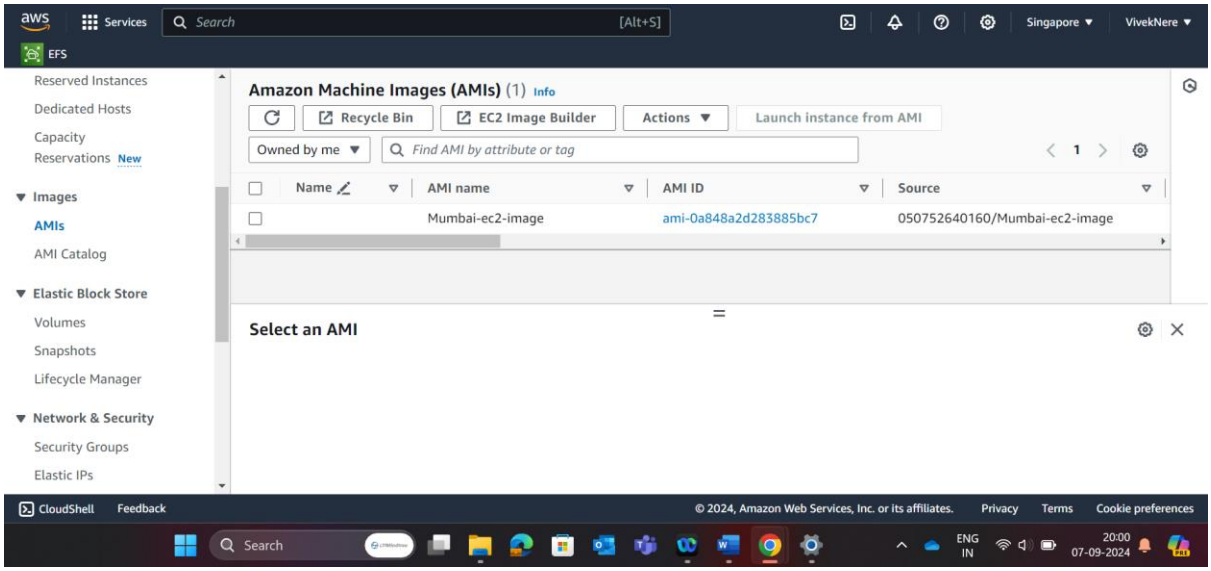


8)Now we want to copy that AMI in Singapore region so, click on that AMI then click on action then click on Copy AMI and then we need to select a region where we want to copy that AMI.





9)Now switch to the Singapore region and go to the AMI select that AMI and rename it then click on Launch instance from AMI then give name to that instance give key-pair and security group and launch that instance.


Services
Search
[Alt+S]
Singapore
VivekNere
EFS
Reserved Instances
Dedicated Hosts
Capacity Reservations New
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Amazon Machine Images (AMIs) (1) Info
Recycle Bin
EC2 Image Builder
Actions
Launch instance from AMI
Owned by me
Find AMI by attribute or tag
Name
AMI name
AMI ID
Source
Mumbai-ec2-image
ami-0a848a2d283885bc7
050752640160/Mumbai-ec2-image
Select an AMI
CloudShell
Feedback
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ENG
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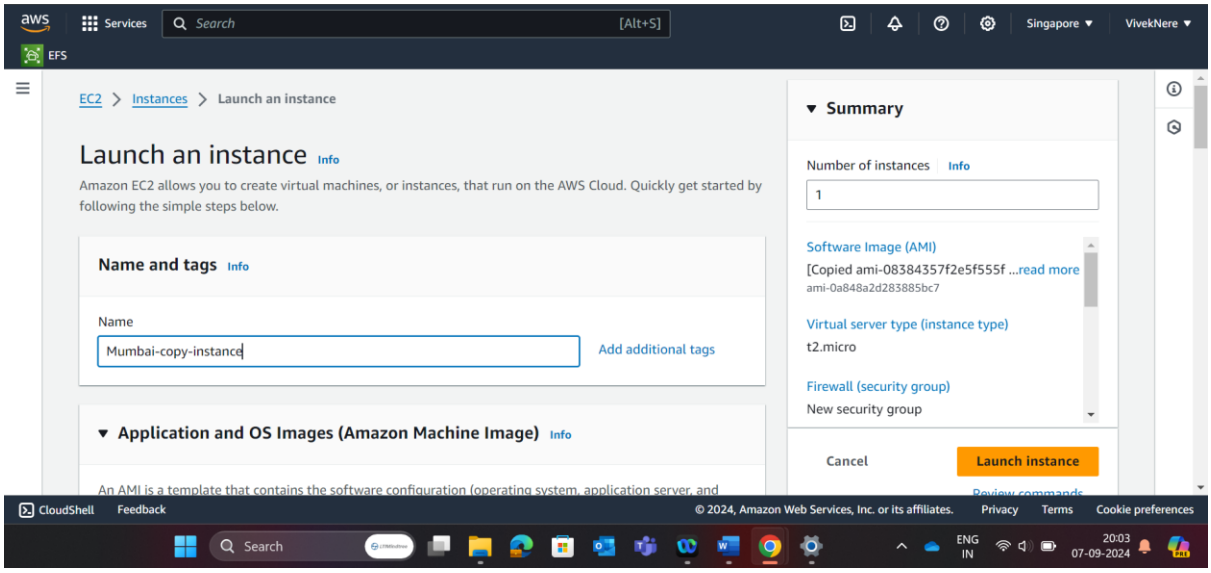
07-09-2024


Services
Search
[Alt+S]
Singapore
VivekNere
EFS
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
Mumbai-copy-instance
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and
Summary
Number of instances Info
1
Software Image (AMI)
[Copied ami-08384357f2e5f555f ...read more
ami-0a848a2d283885bc7
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Cancel
Launch instance
CloudShell
Feedback
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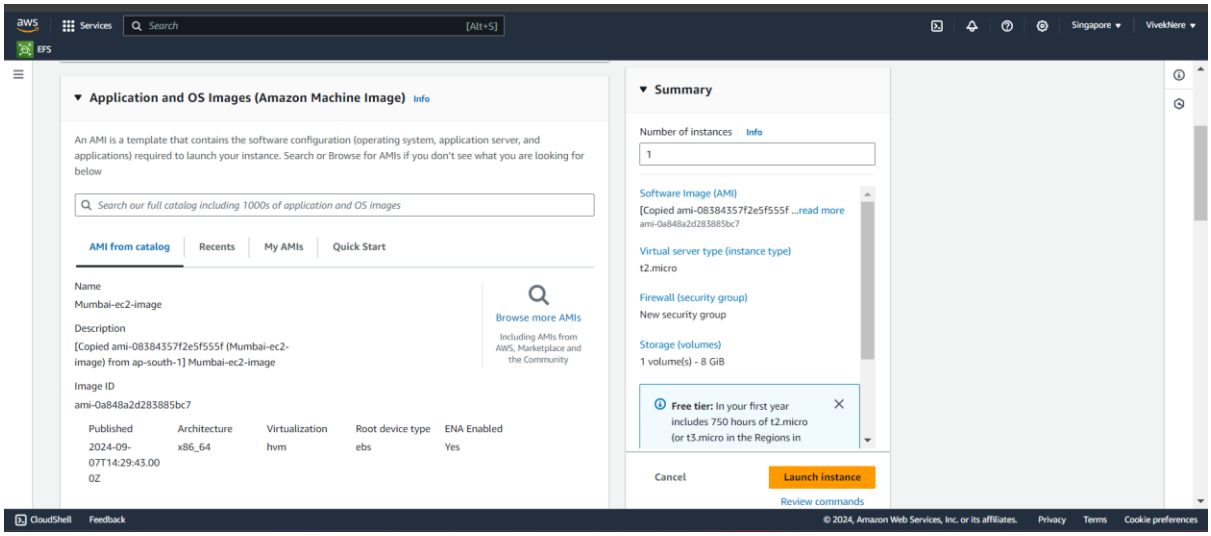
Services
Search
[Alt+S]
Singapore
VivekNere
EFS
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
AMI from catalog
Recents
My AMIs
Quick Start
Name
Mumbai-ec2-image
Description
[Copied ami-08384357f2e5f555f (Mumbai-ec2-image) from ap-south-1] Mumbai-ec2-image
Image ID
ami-0a848a2d283885bc7
Published
2024-09-07T14:29:43.000Z
Architecture
x86_64
Virtualization
hvm
Root device type
ebs
ENA Enabled
Yes
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Summary
Number of instances Info
1
Software Image (AMI)
[Copied ami-08384357f2e5f555f ...read more
ami-0a848a2d283885bc7
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in
Cancel
Launch instance
Review commands
CloudShell
Feedback
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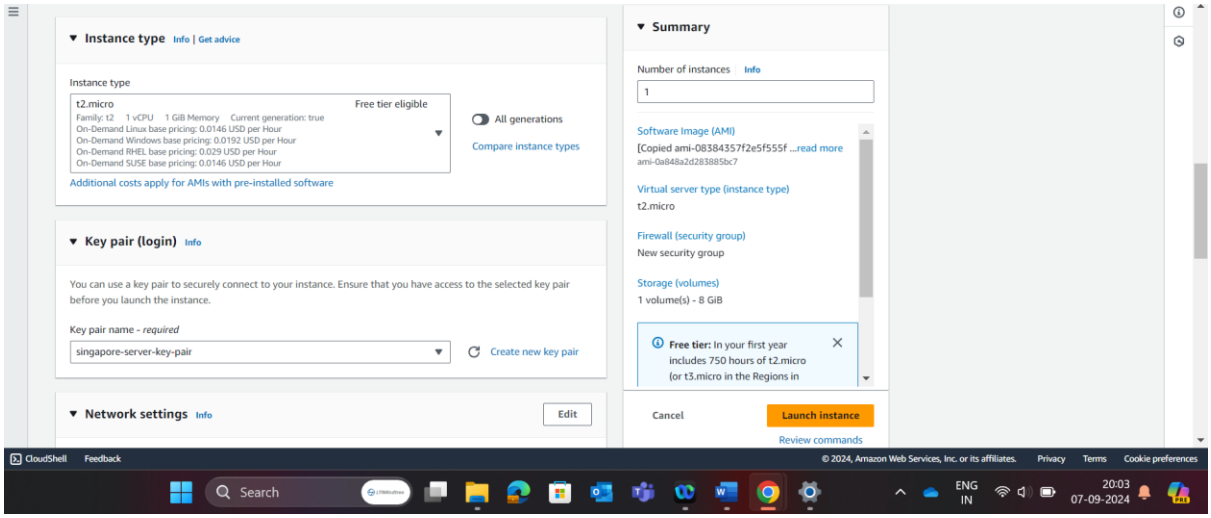
Instance type Info | Get advice
Instance type
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Linux base pricing: 0.0146 USD per Hour
On-Demand Windows base pricing: 0.0192 USD per Hour
On-Demand RHEL base pricing: 0.029 USD per Hour
On-Demand SUSE base pricing: 0.0146 USD per Hour
All generations
Compare instance types
Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
singapore-server-key-pair
Create new key pair
Network settings Info
Edit
Summary
Number of instances Info
1
Software Image (AMI)
[Copied ami-08384357f2e5f555f ...read more
ami-0a848a2d283885bc7
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in
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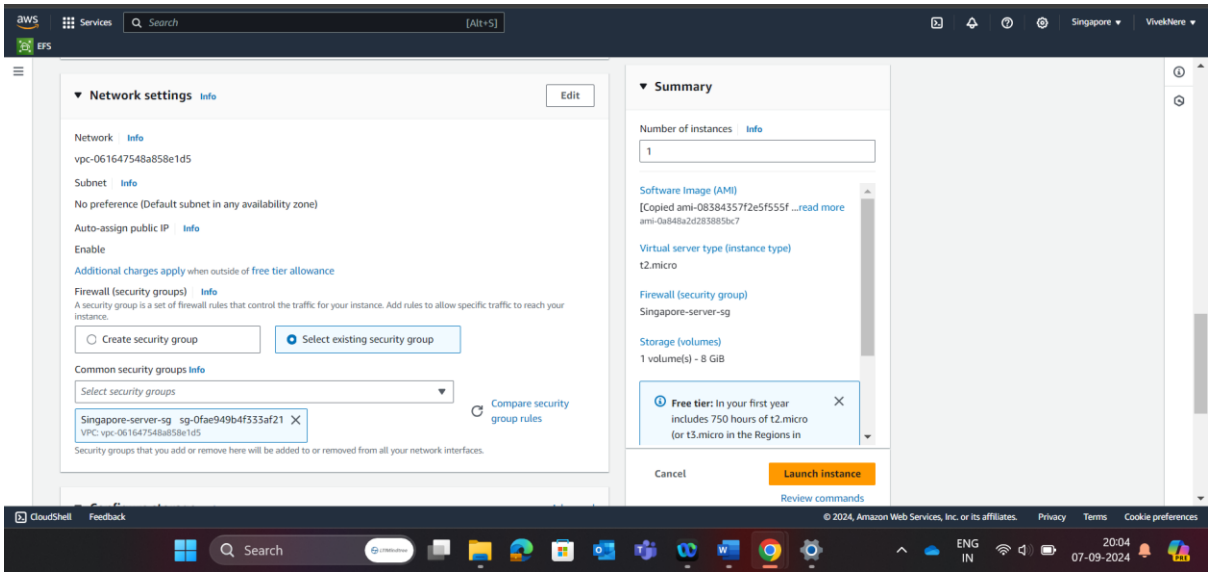
aws
Services
Search
[Alt+S]
EFS
Singapore
VivekNere
Network settings Info
Edit
Network Info
vpc-061647548a858e1d5
Subnet Info
No preference (Default subnet in any availability zone)
Auto-assign public IP Info
Enable
Additional charges apply when outside of free tier allowance
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Common security groups Info
Select security groups
Singapore-server-sg sg-0fae949b4f333af21
VPC: vpc-061647548a858e1d5
Compare security group rules
Security groups that you add or remove here will be added to or removed from all your network interfaces.
Summary
Number of instances Info
1
Software Image (AMI)
[Copied ami-08384357f2e5f555f ...read more
ami-0a848a2d283885bc7
Virtual server type (instance type)
t2.micro
Firewall (security group)
Singapore-server-sg
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in
Cancel
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CloudShell
Feedback
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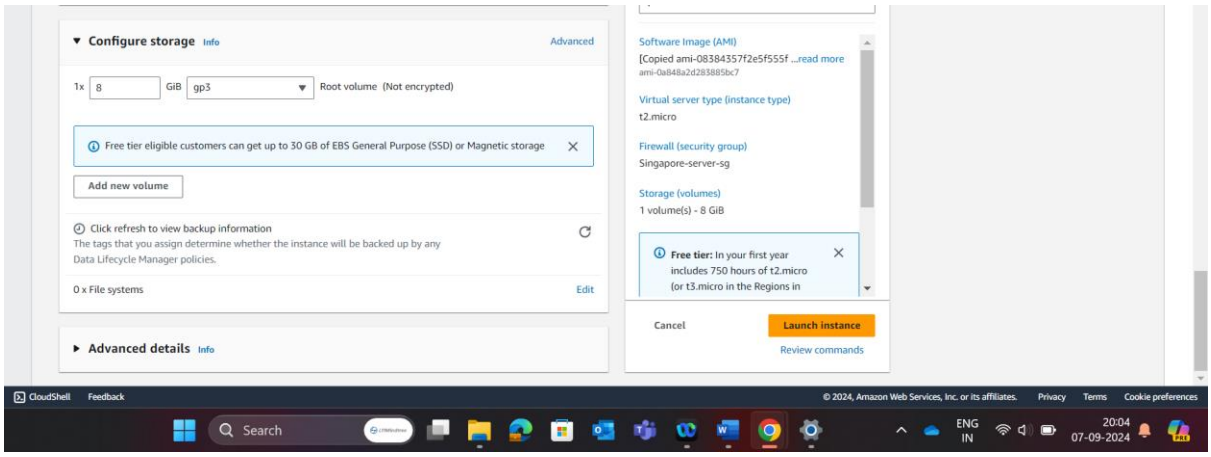
20:04
07-09-2024


Configure storage Info
Advanced
1x 8 GiB gp3 Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
Click refresh to view backup information
The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.
0 x File systems
Edit
Advanced details Info
Summary
Software Image (AMI)
[Copied ami-08384357f2e5f555f ...read more
ami-0a848a2d283885bc7
Virtual server type (instance type)
t2.micro
Firewall (security group)
Singapore-server-sg
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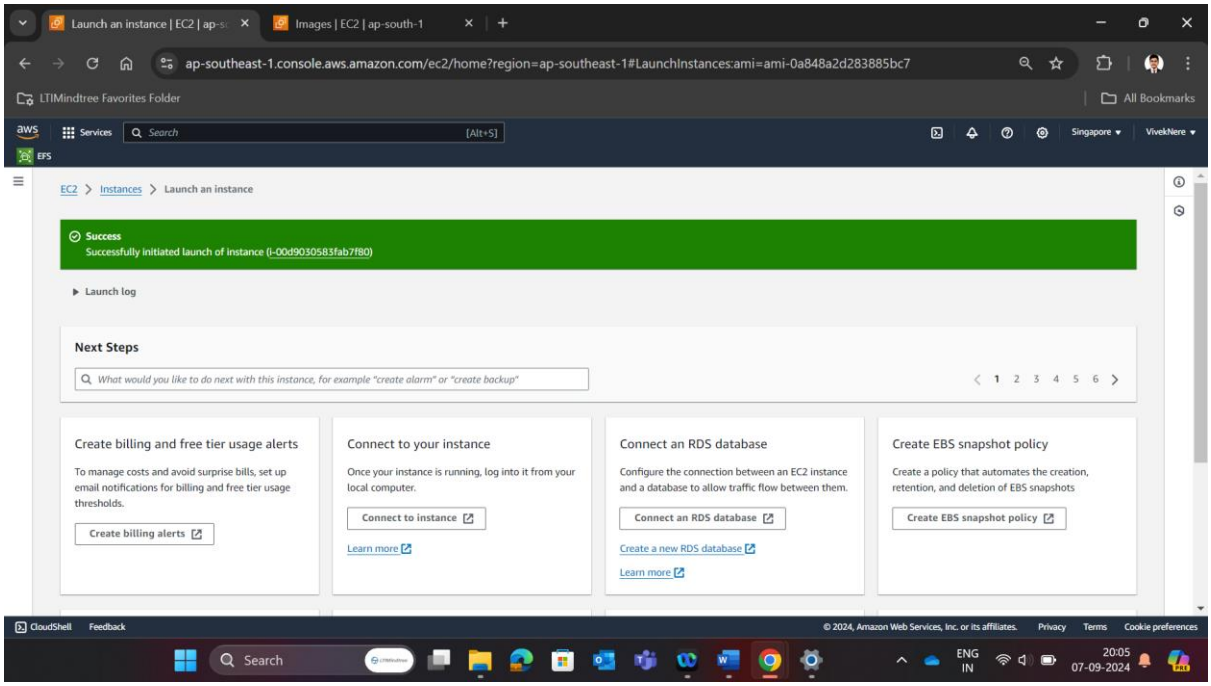

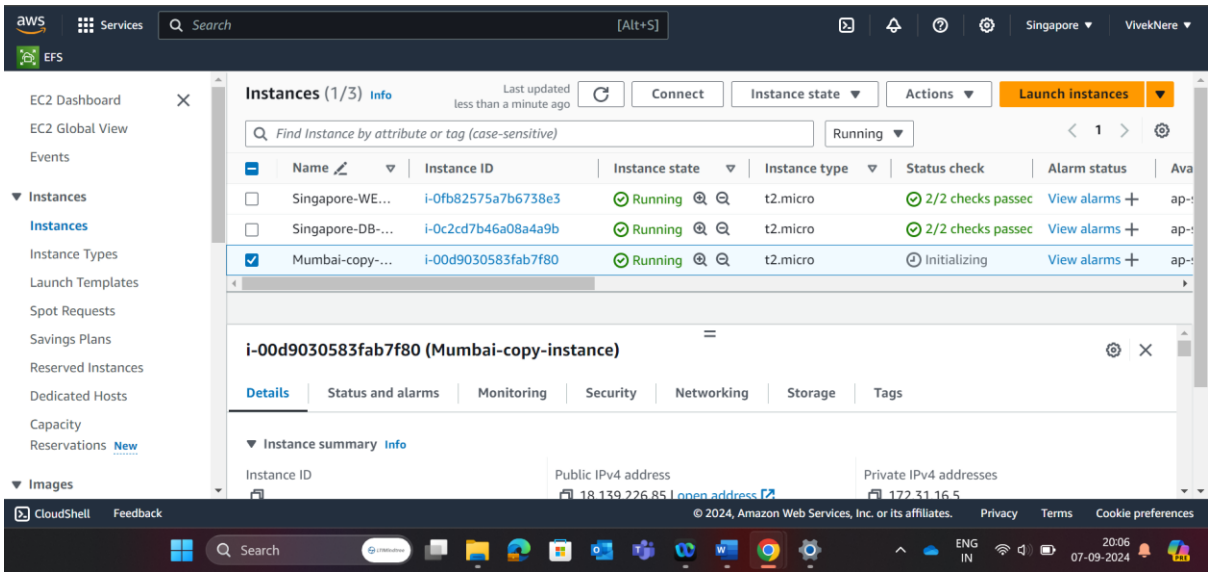

Here we have successfully created Mumbai ec2 instance copy in Singapore!