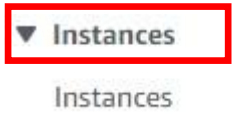
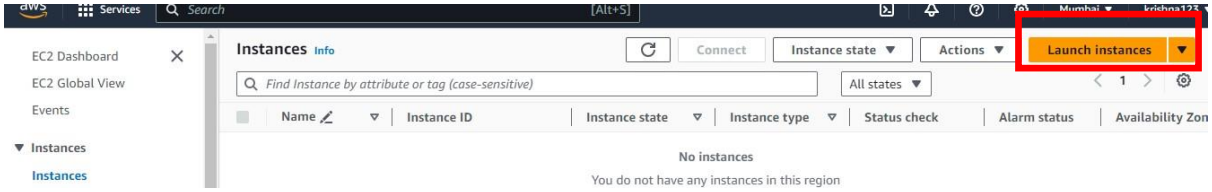
AWS Instance launching

Select Ec2 instance

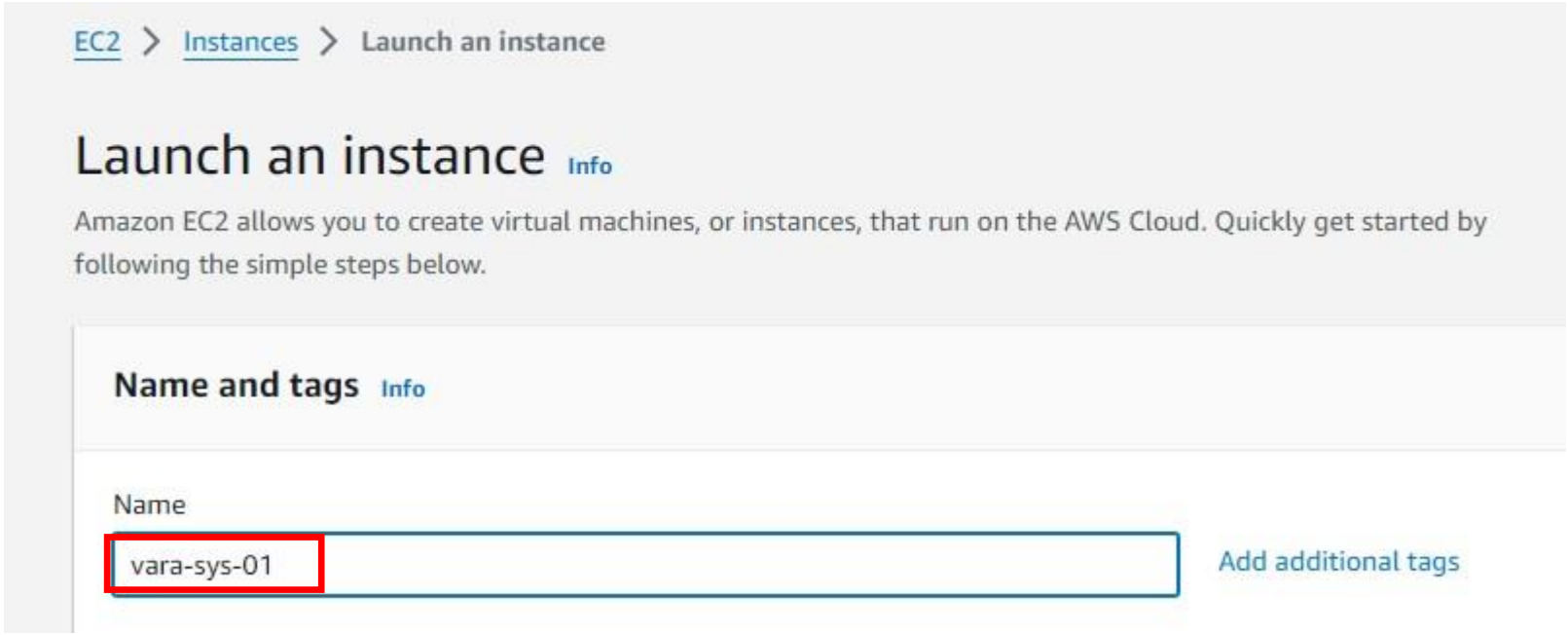
Go to instances



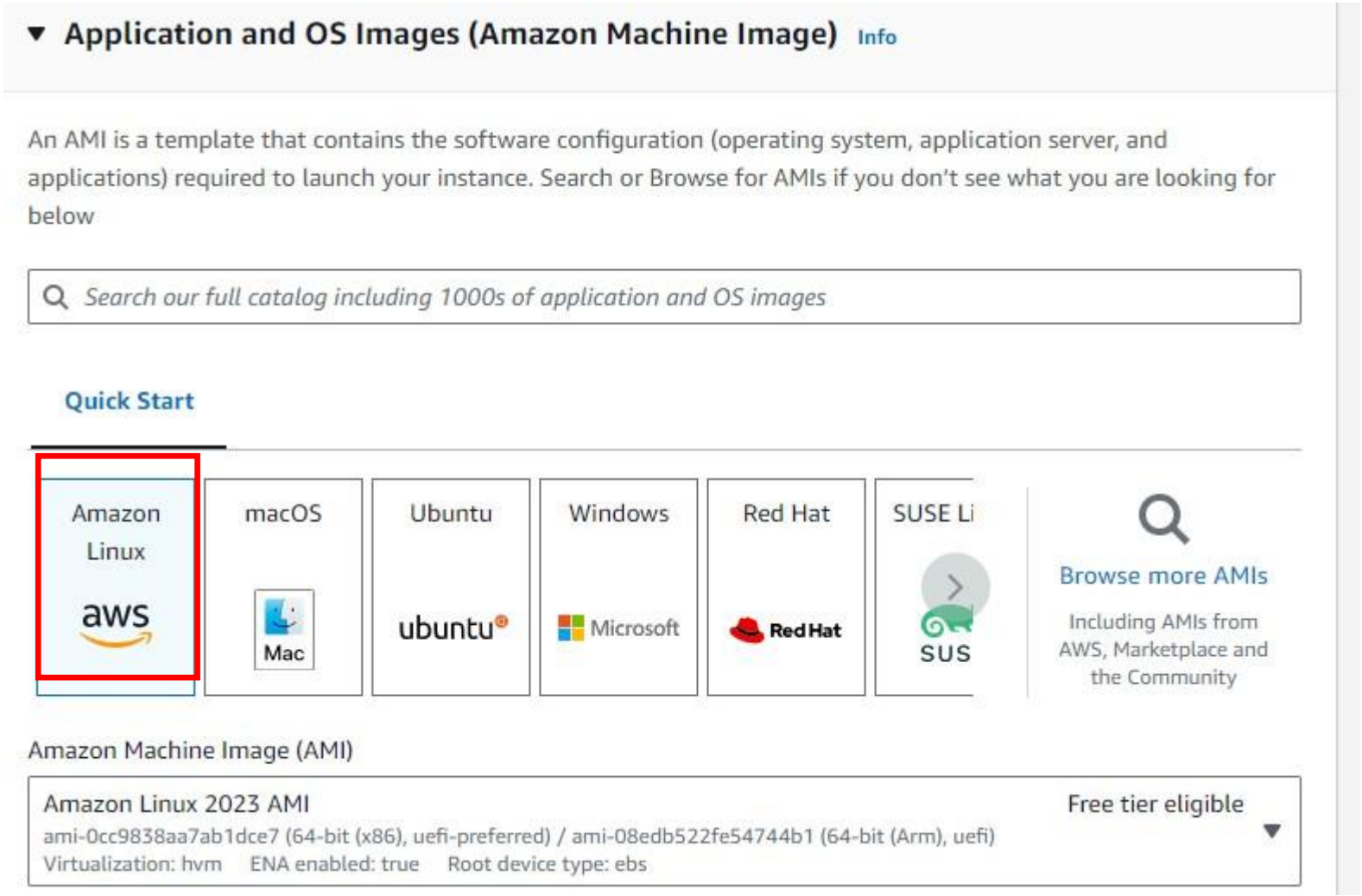
Go to instance and select launch instance.



Instance name



Now select the amazon linux aws and select the ami fre tire eligible.



Description

Amazon Linux 2023 AMI 2023.4.20240513.0 x86_64 HVM kernel-6.1

Architecture	Boot mode	AMI ID	
64-bit (x86) ▼	uefi-preferred	ami-0cc9838aa7ab1dce7	Verified provider

▼ Instance type Info | Get advice

Instance type

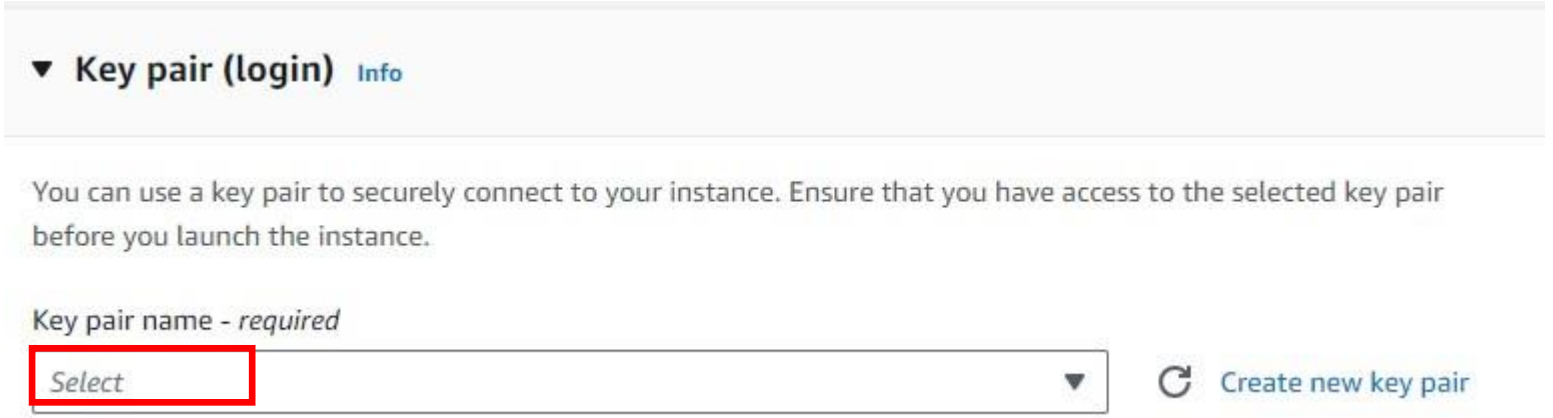
t2.micro — Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Linux base pricing: 0.0124 USD per Hour
On-Demand Windows base pricing: 0.017 USD per Hour
On-Demand RHEL base pricing: 0.0724 USD per Hour
On-Demand SUSE base pricing: 0.0124 USD per Hour

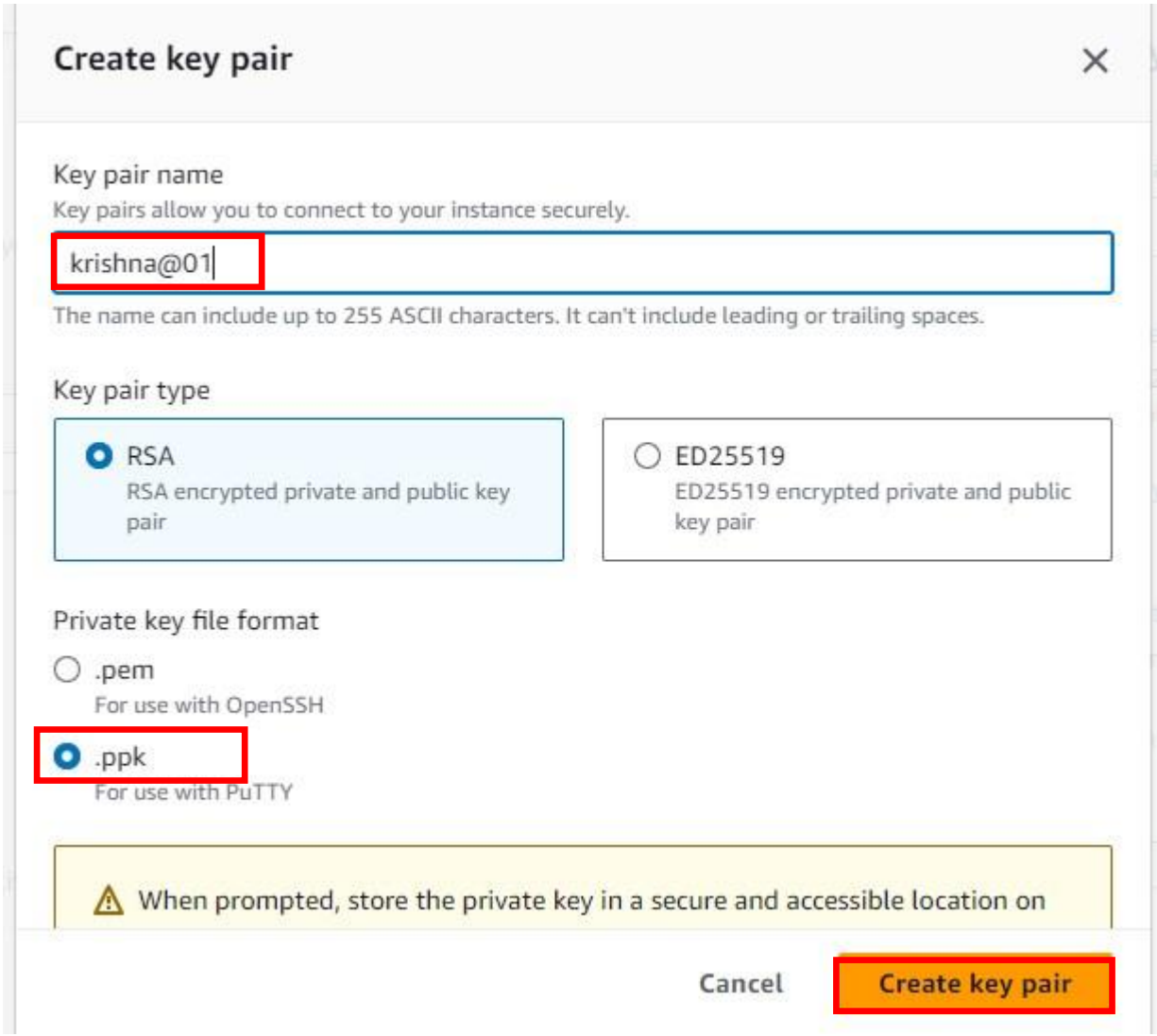
All generations

Compare instance types

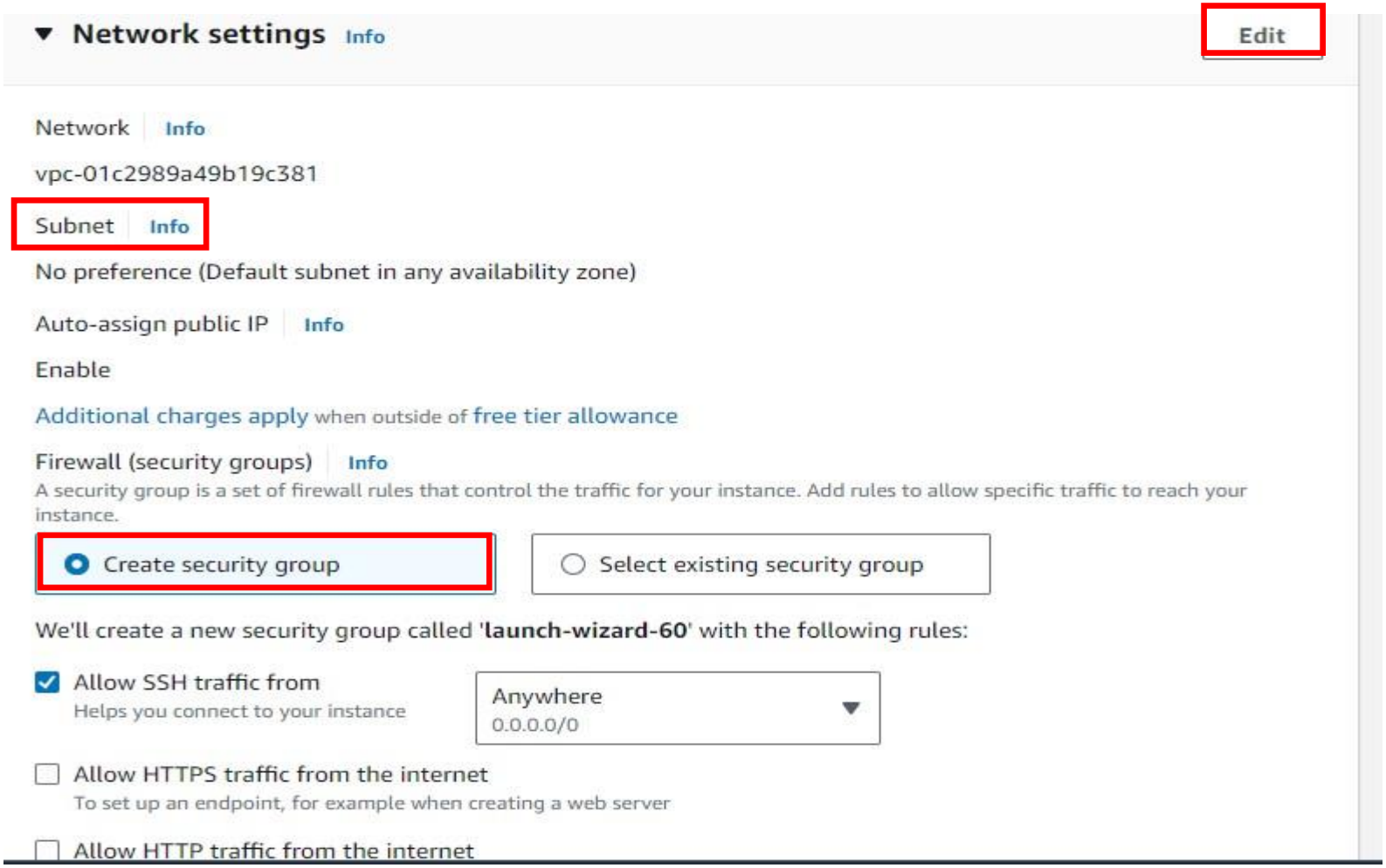
Additional costs apply for AMIs with pre-installed software

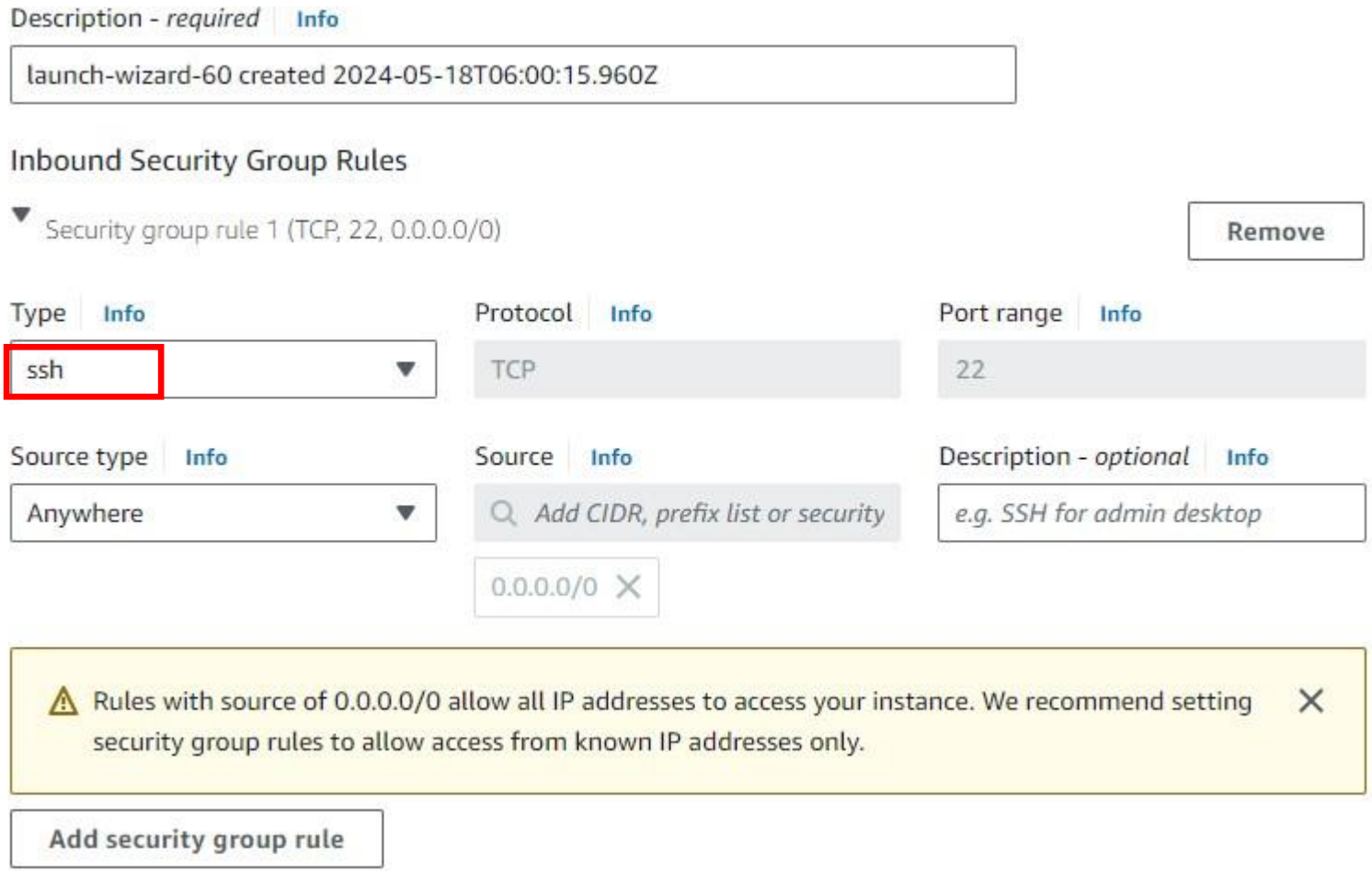


Create new key pair

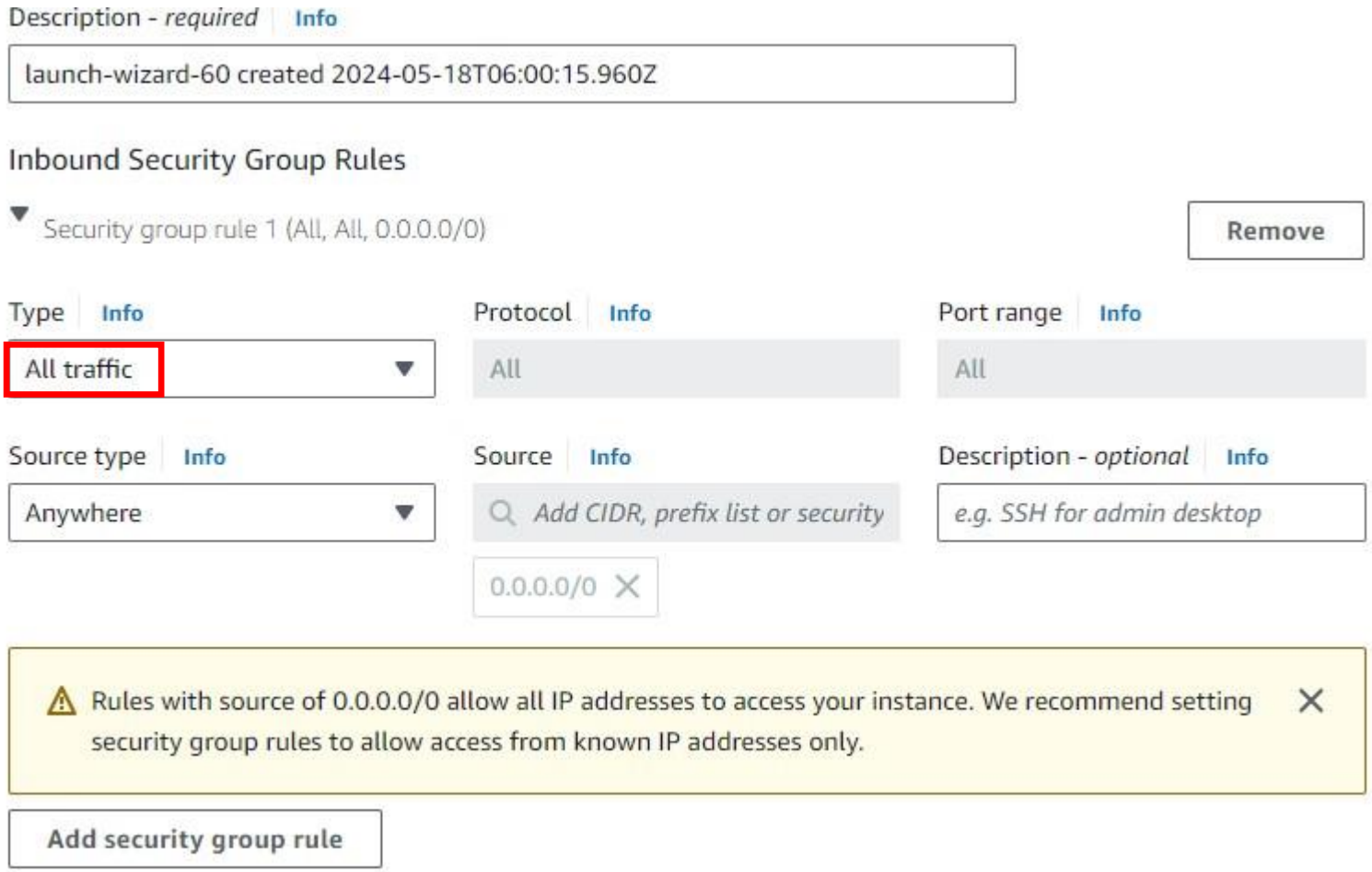

Create key pair
Key pair name
Key pairs allow you to connect to your instance securely.
krishna@01
The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.
Key pair type
RSA
RSA encrypted private and public key pair
ED25519
ED25519 encrypted private and public key pair
Private key file format
.pem
For use with OpenSSH
.ppk
For use with PuTTY
When prompted, store the private key in a secure and accessible location on
Cancel
Create key pair

Now select the subnet a, b, c and create a security group

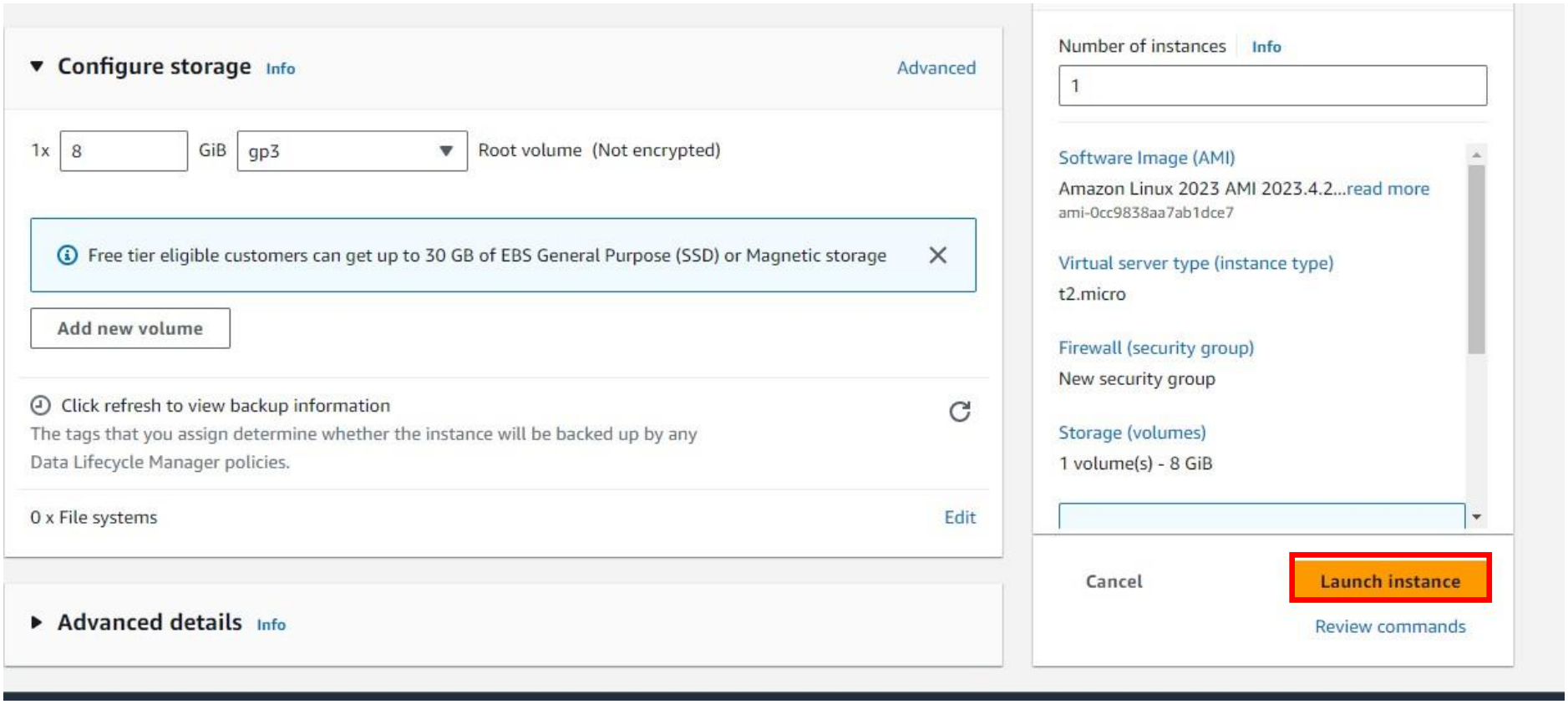




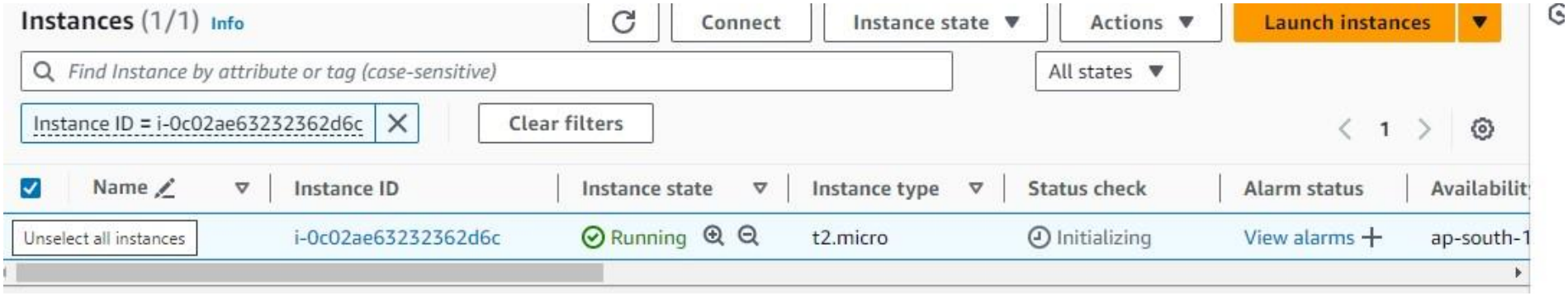
Edit type ssh to all traffic.



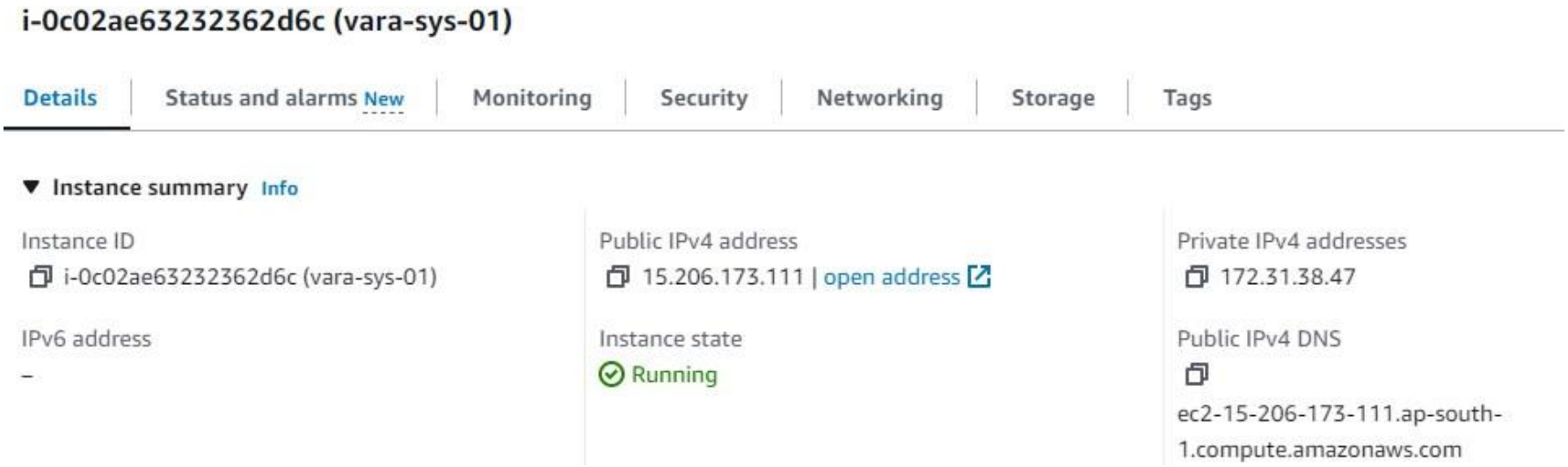
Finally launch the instance.


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
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.4.2...read more
ami-0cc9838aa7ab1dce7
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Cancel
Launch instance
Review commands

After launching the instance details or info.



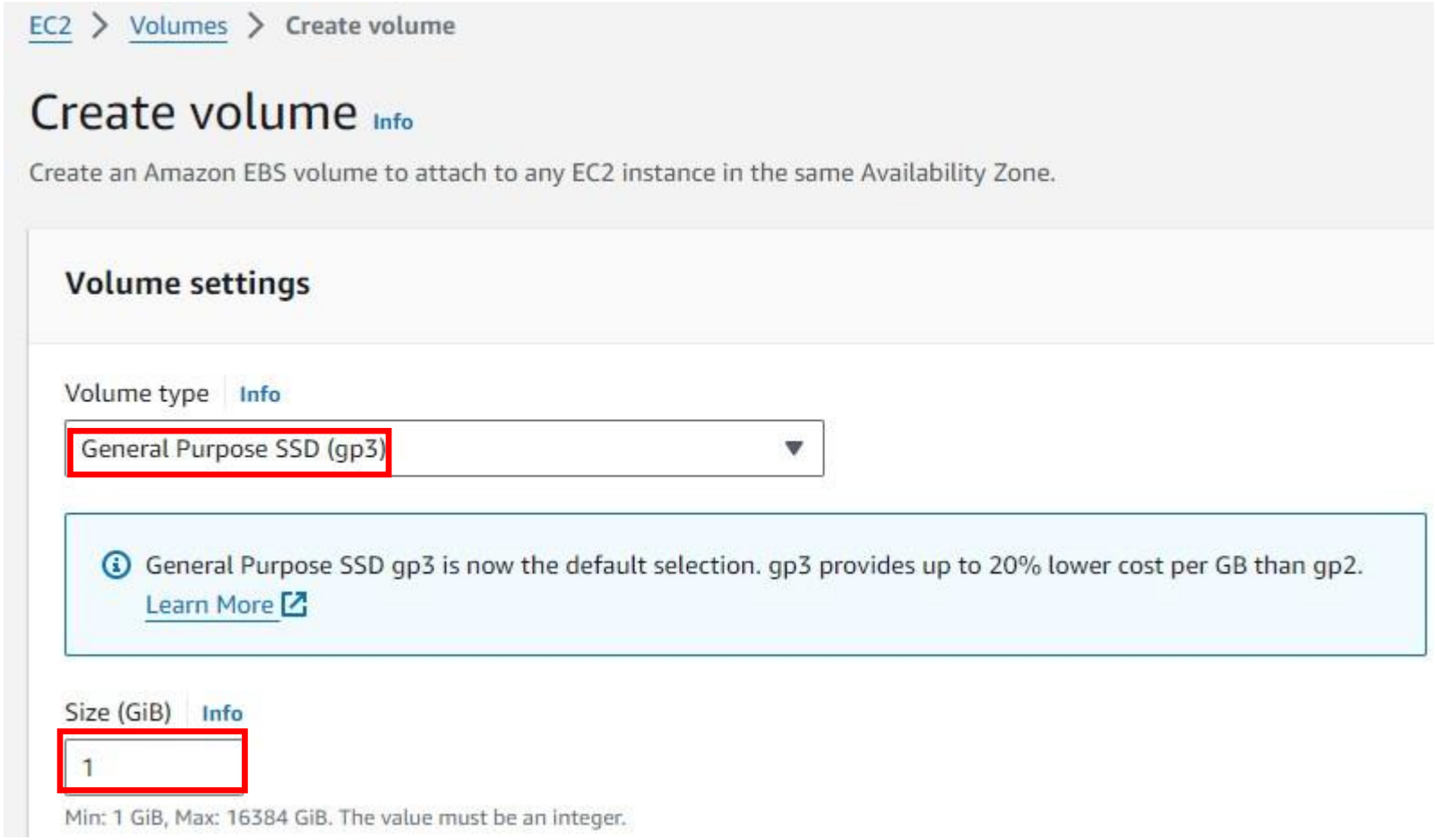
Then to check the launching instance information, like details , status, monitoring, security and networking ,storage,tags.



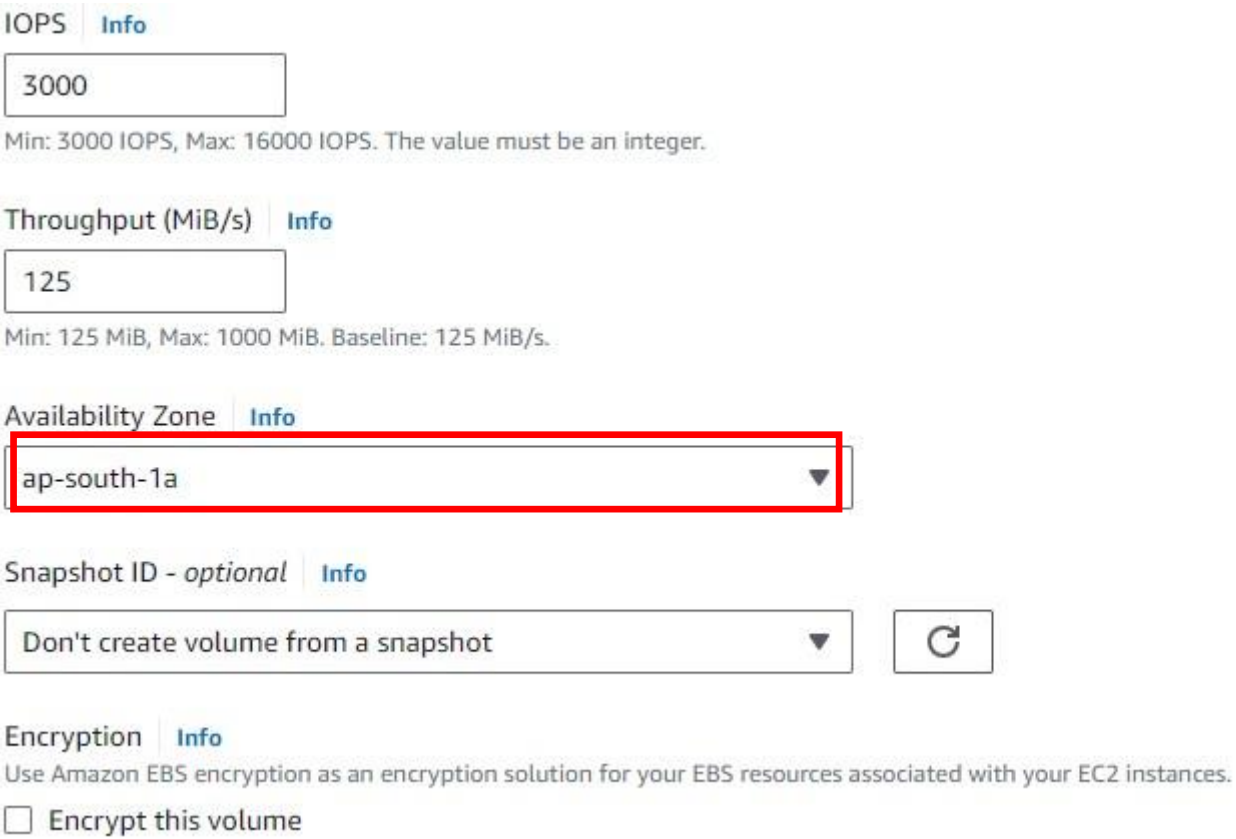
After launching instance to create a volume and attach the volume.

Go to to volumes and select create a volume.

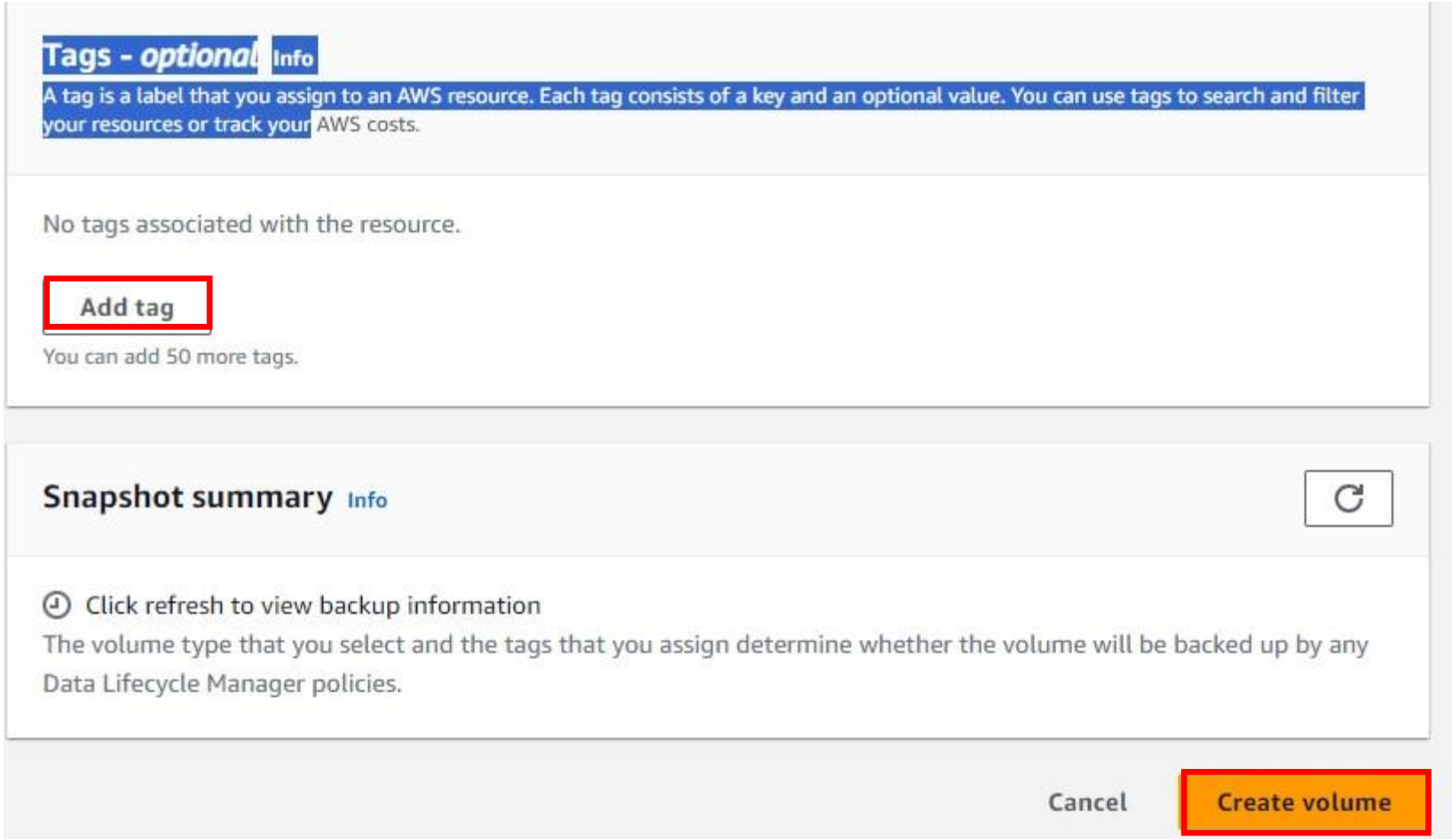
Now above select create a volume and volume type ssd (gp3) and size 1 GB select.



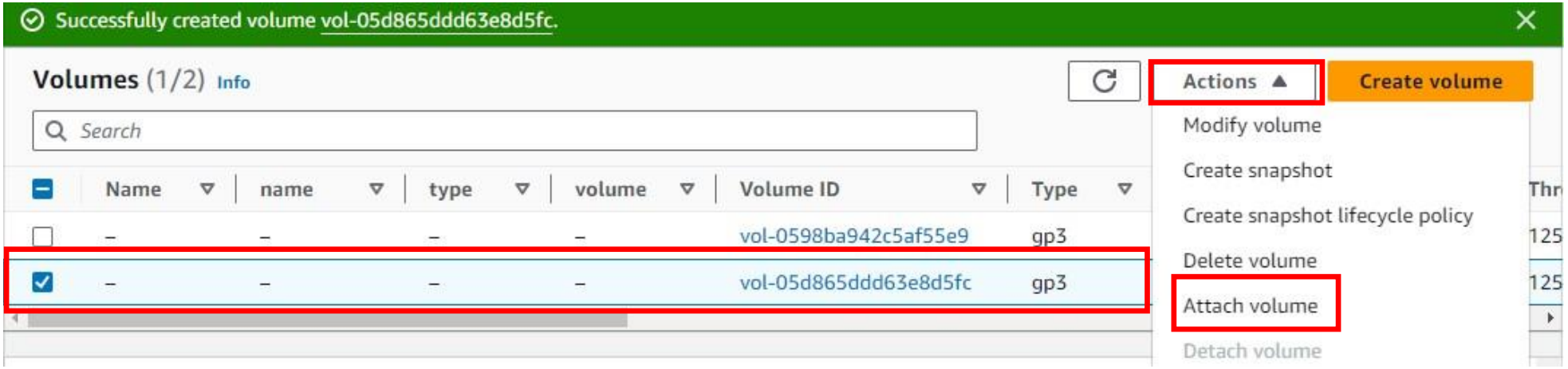
Now here Iops and throughput is customer requirement and select the availability zone a, b , c.



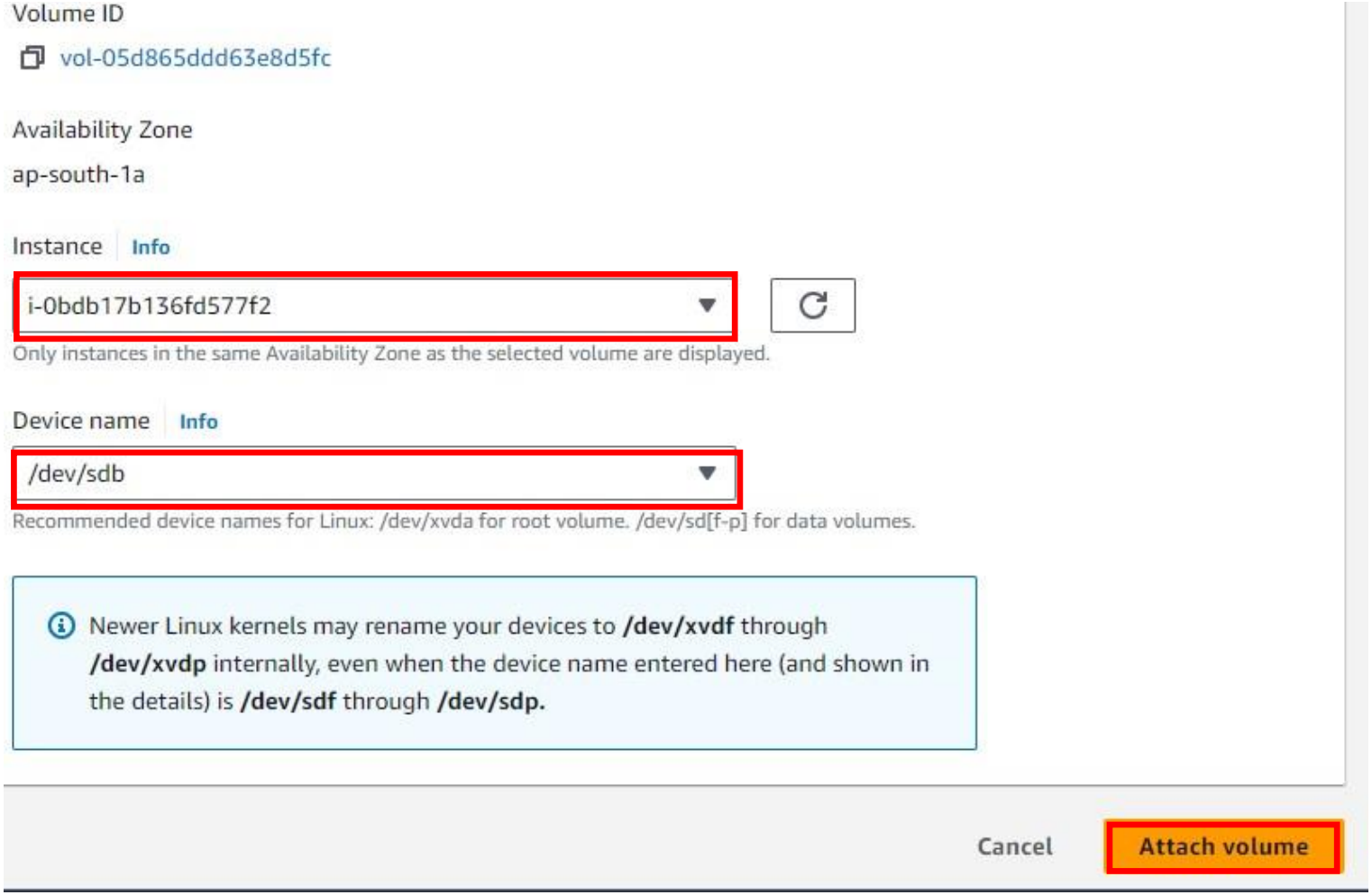
Add a tags and finally create a volume.



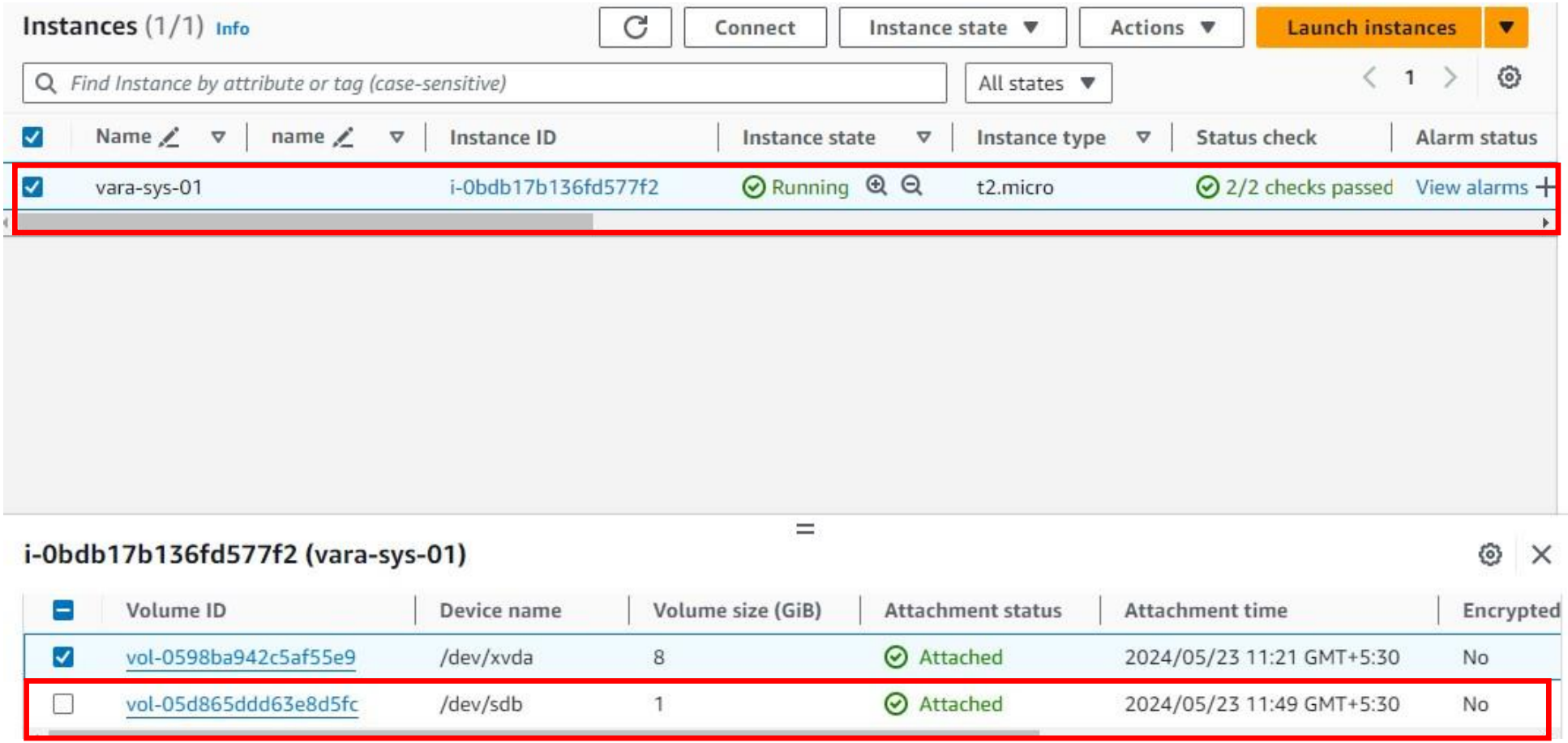
Now created volume as given below and select volume and go to actions dropdown volume and attach the volume select.



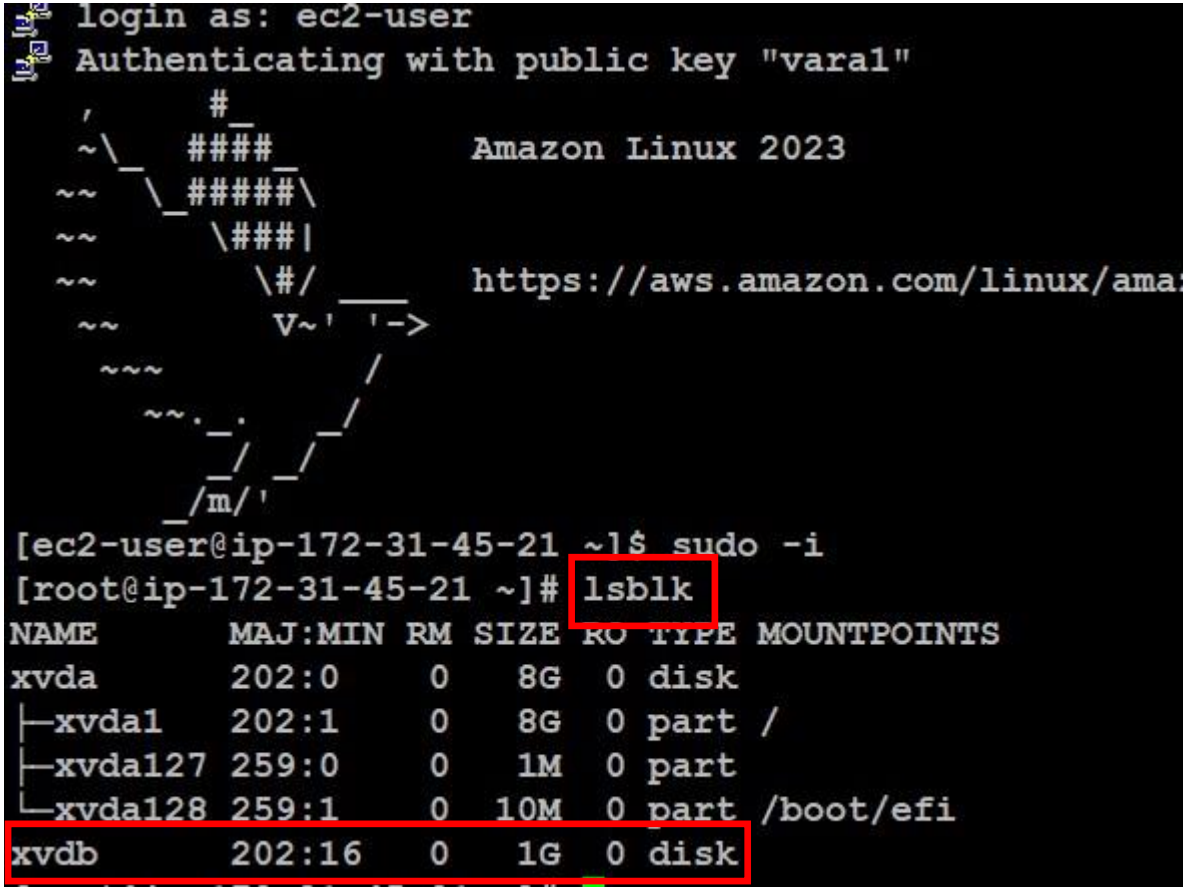
After attaching volume , select or dropdown instance id and device name /dev/sdb, finally attach the volume.



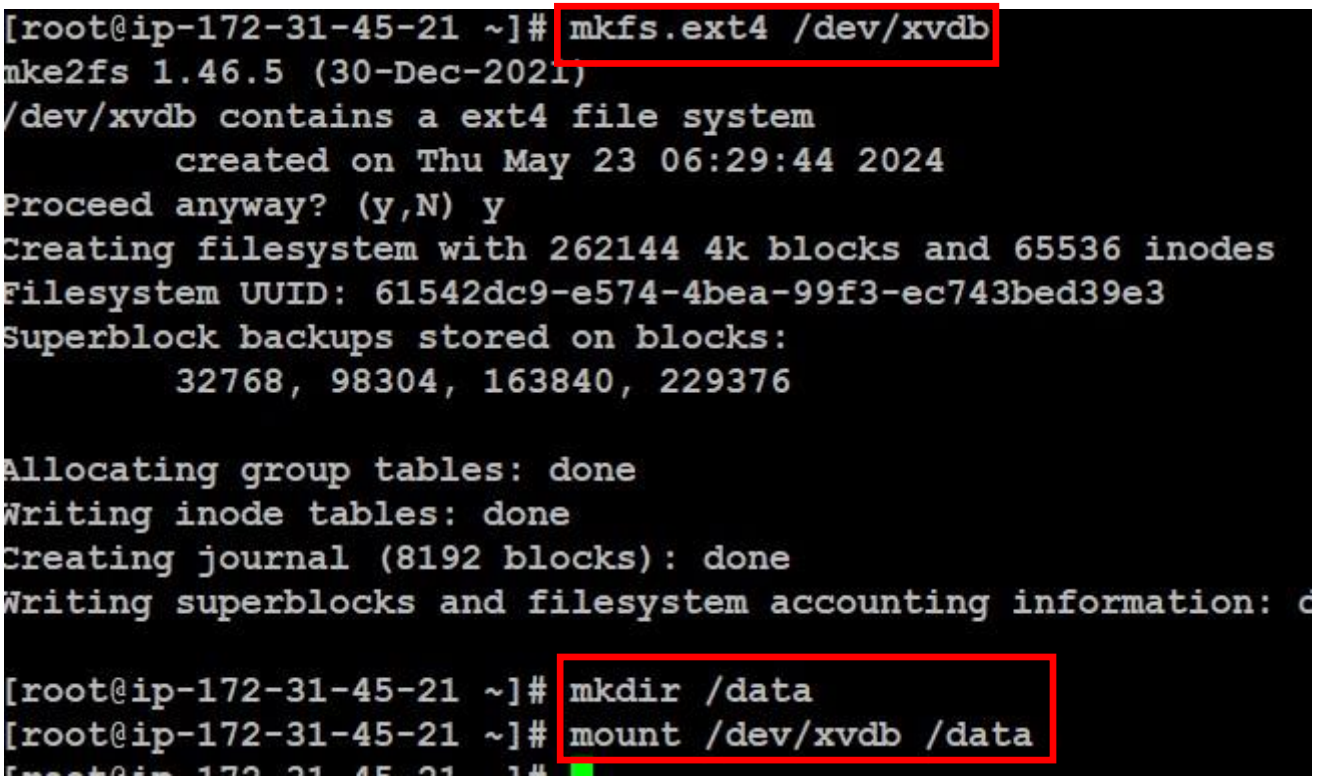
Now attached volume through instance as given below, go to instance and select the instance info and select storage.



Now connect to putty as public ip address and check the disk is scanned or not by using this command #lsblk.



Now to create a file system and create a mount point as per customer requirement and finally mount the file system.



Finally check the mounted file system information