

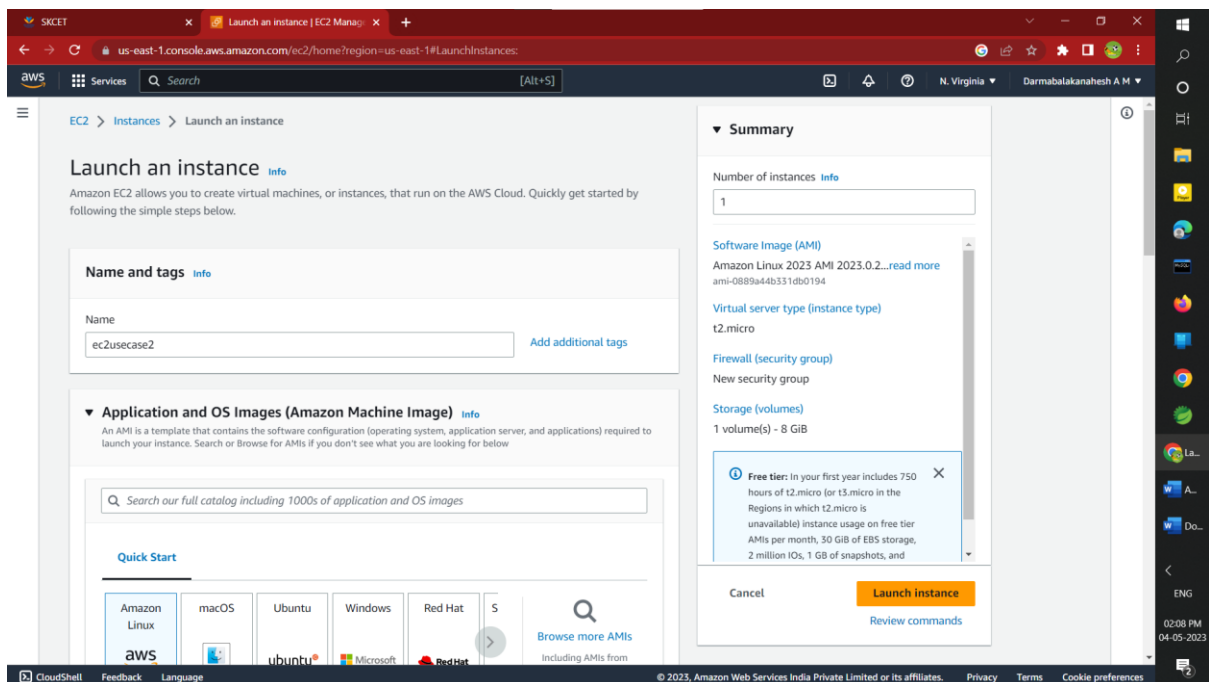
CA 1

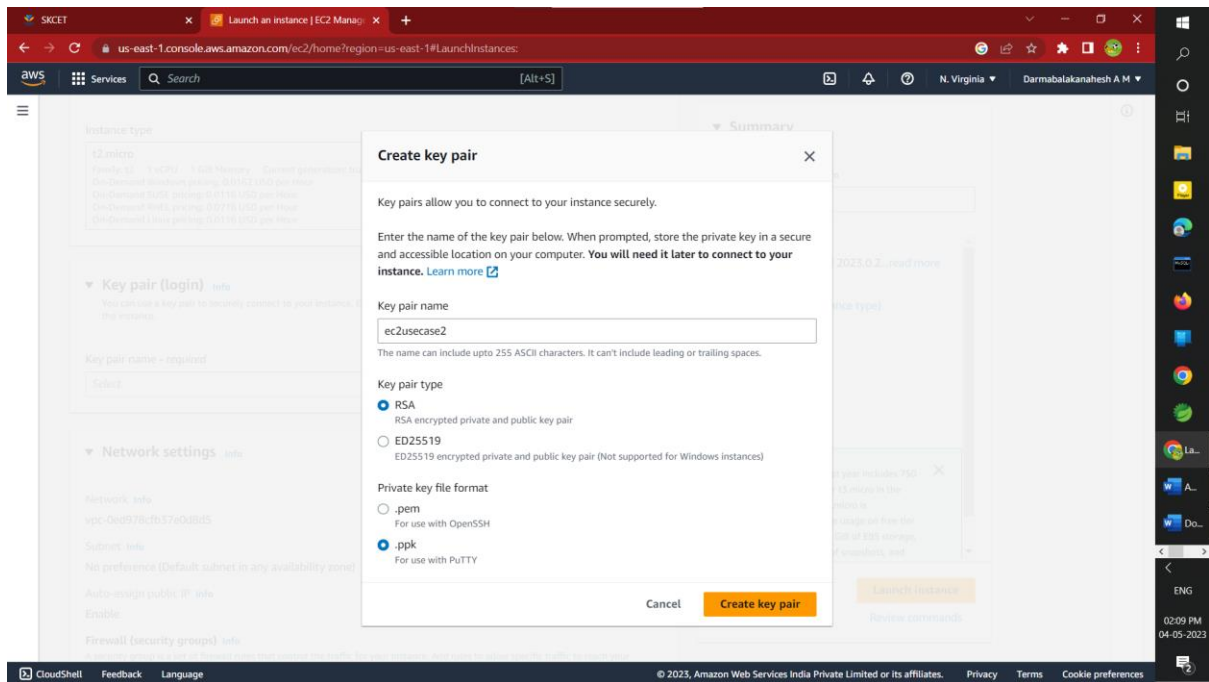
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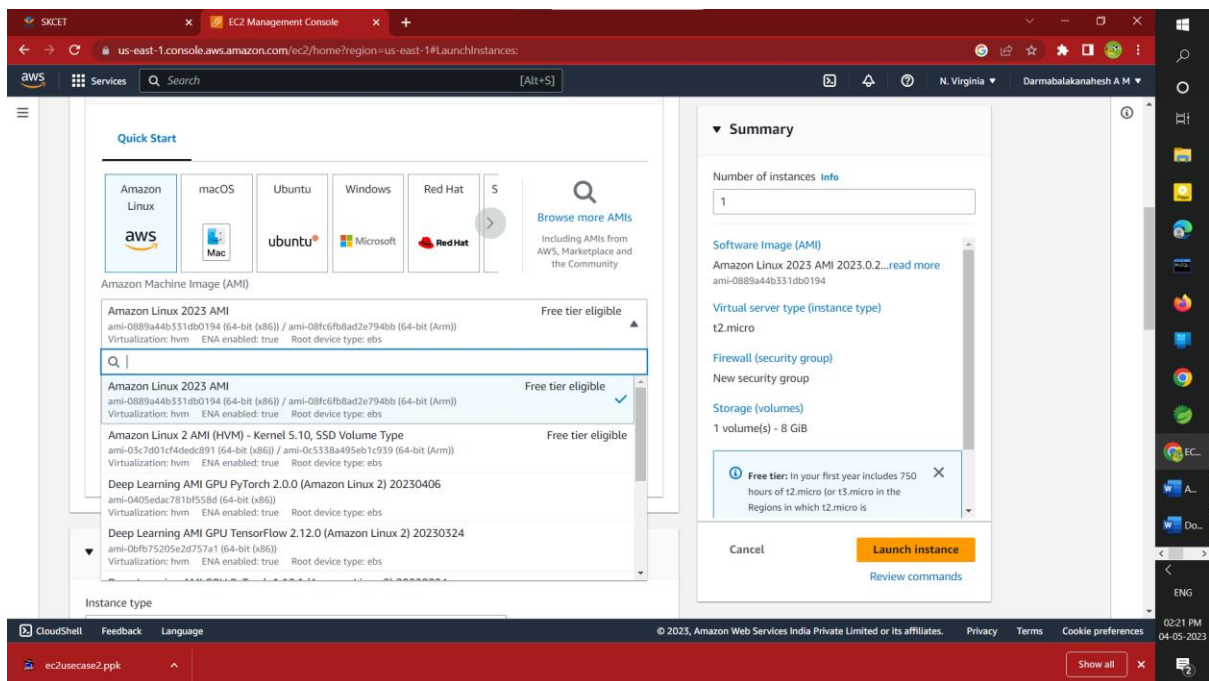
CREATE AN EC2 INSTANCE WITH THE FOLLOWING
REQUIREMENTS

QUESTION 1: Give the name tag of both the server and keypair as
“ec2usecase2”:

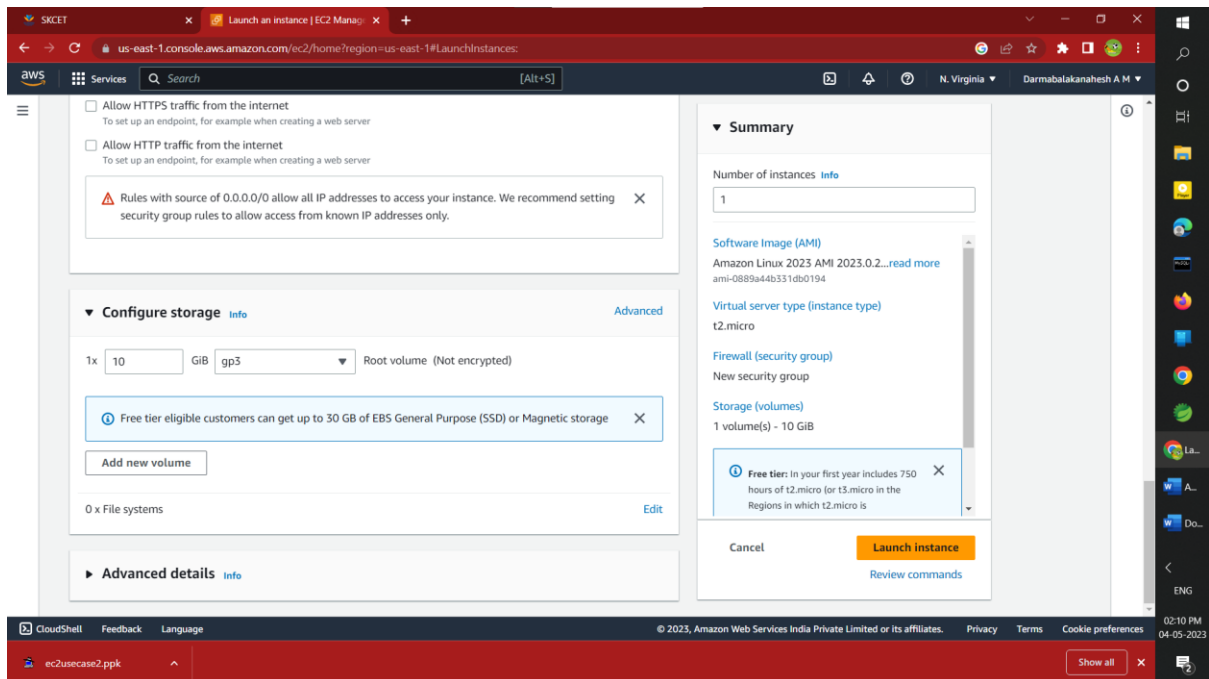




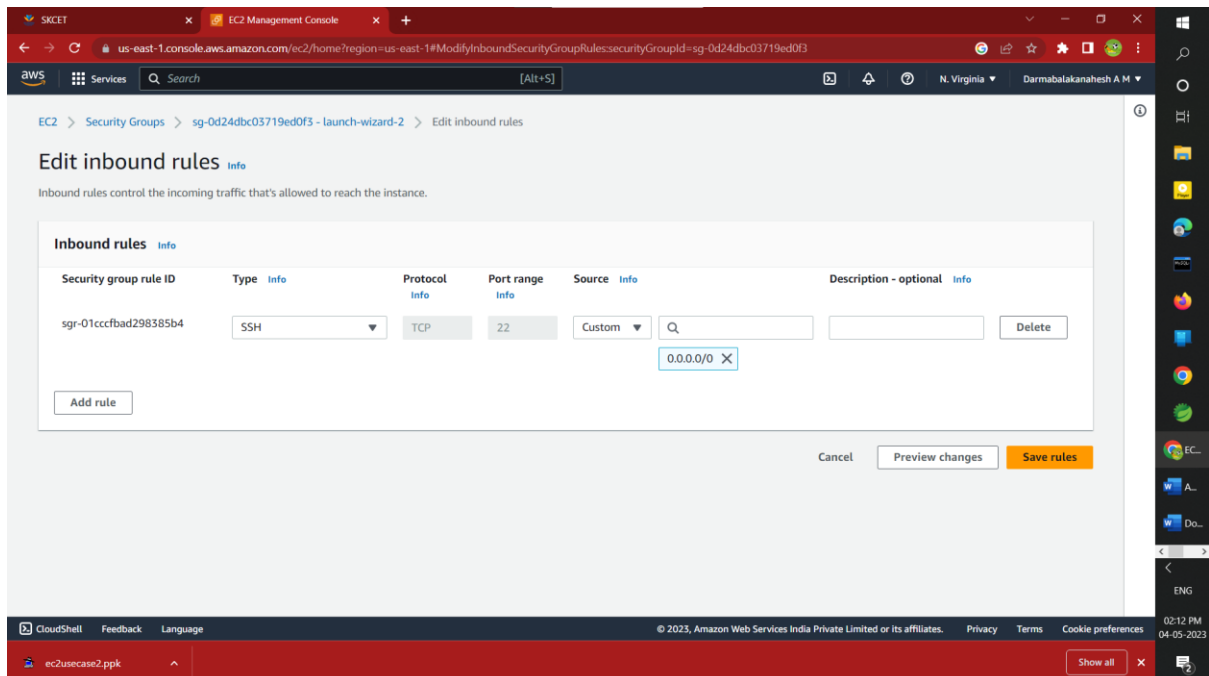
Select the AMI from the Amazon Linux OS platform:

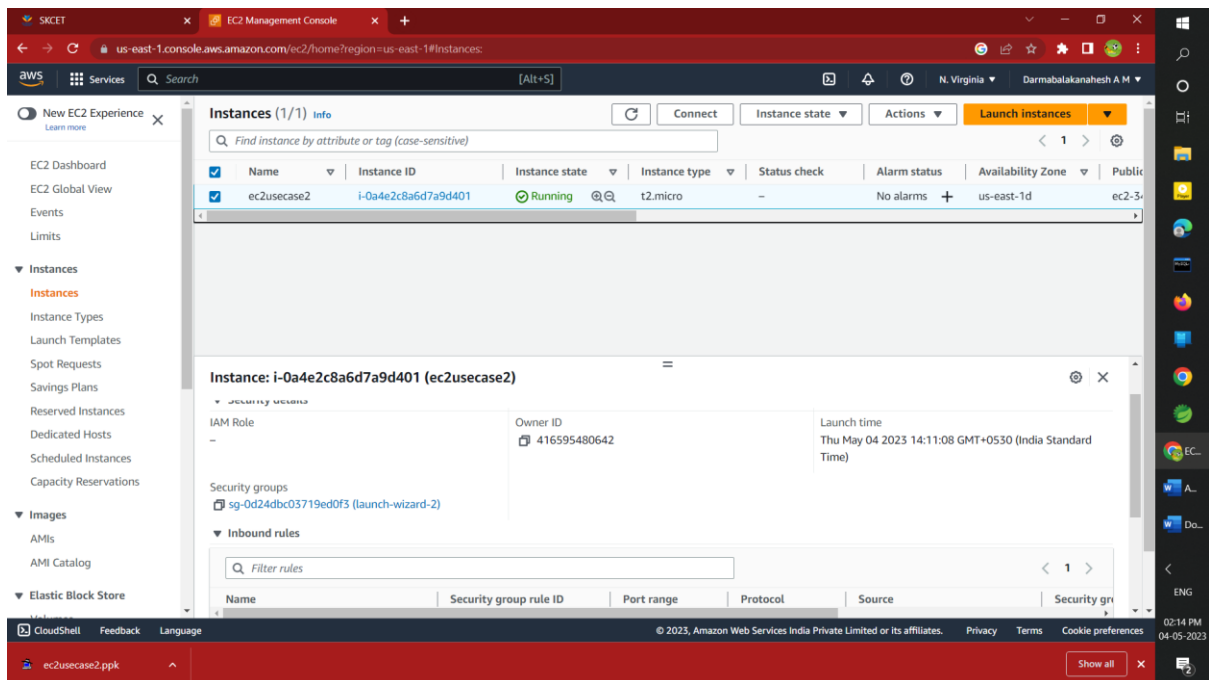
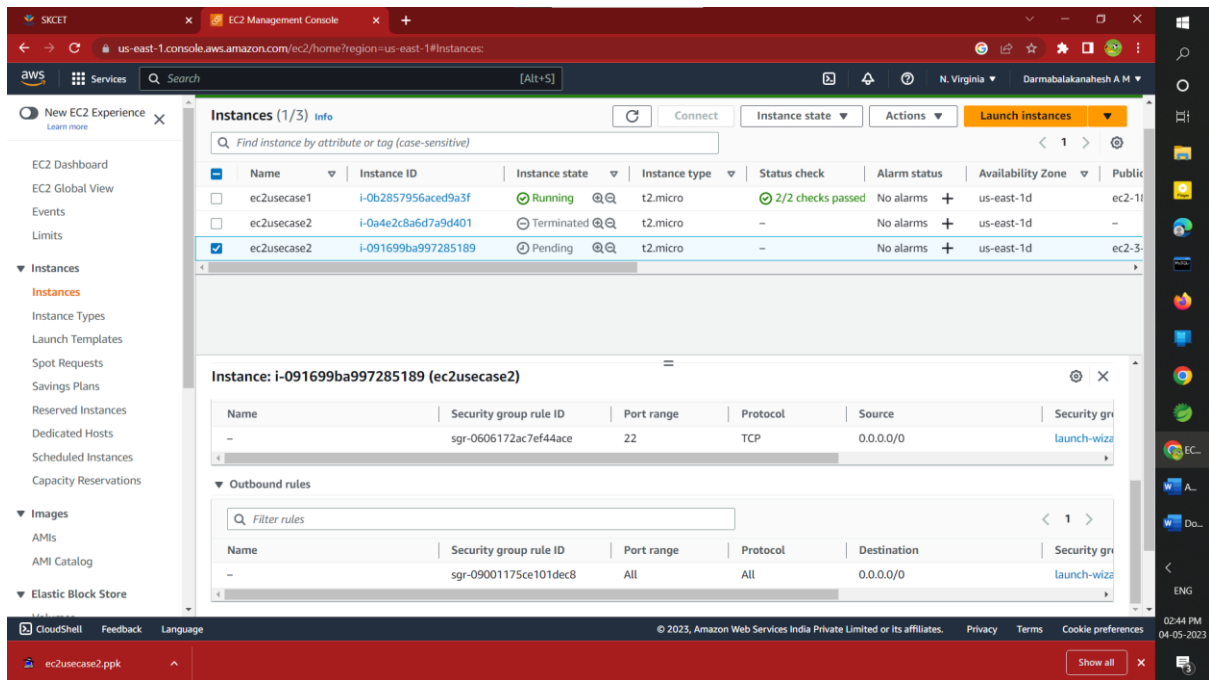


Increase the root EBS volume size to 10GiB from default:



Expose port no 22 for taking putty remote connection

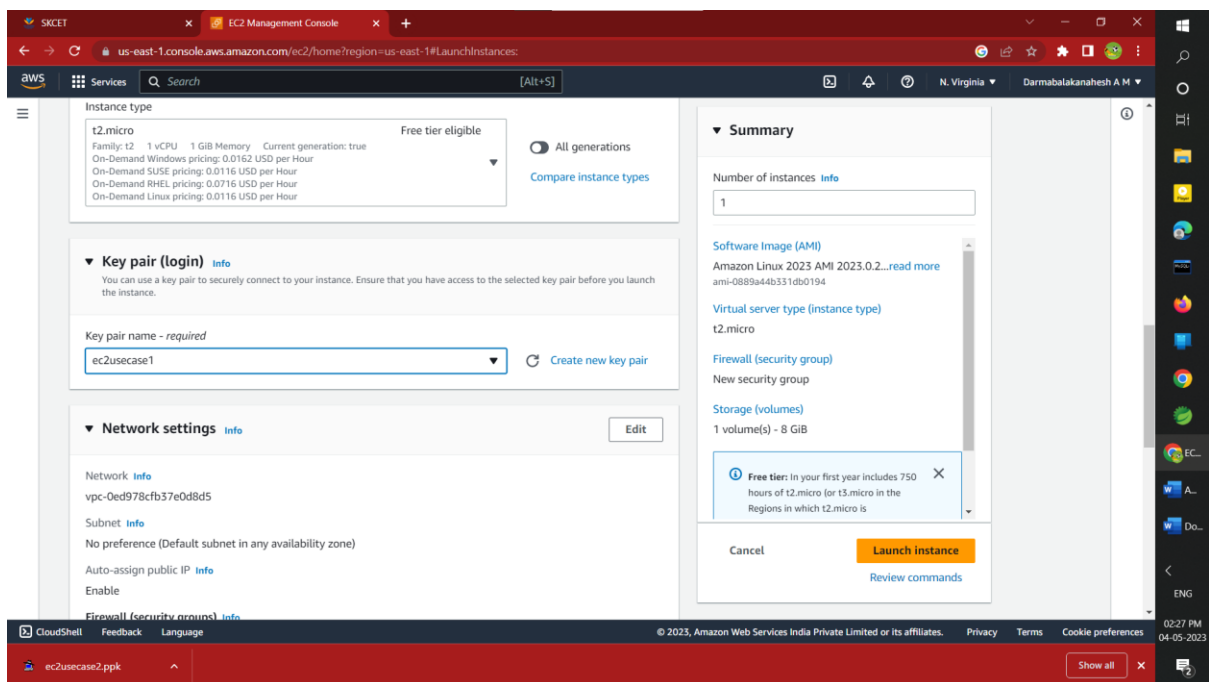
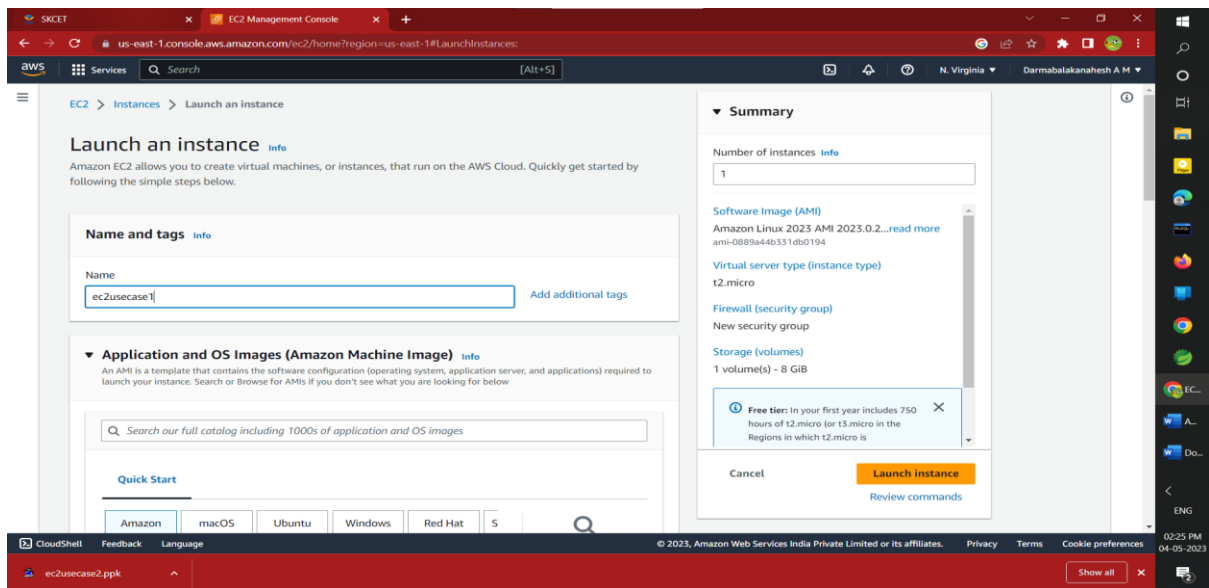




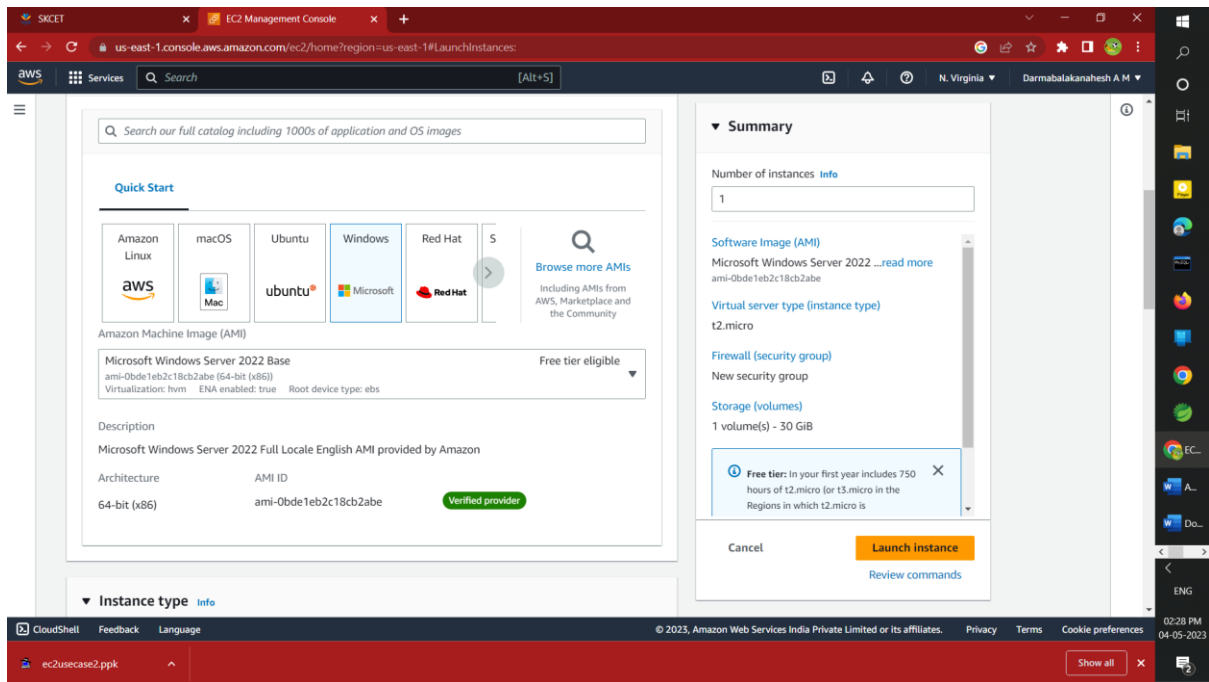
QUESTION 2:

CREATE AN EC2 INSTANCE IN THE GIVEN AWS ACCOUNT WITH THE FOLLOWING REQUIREMENTS

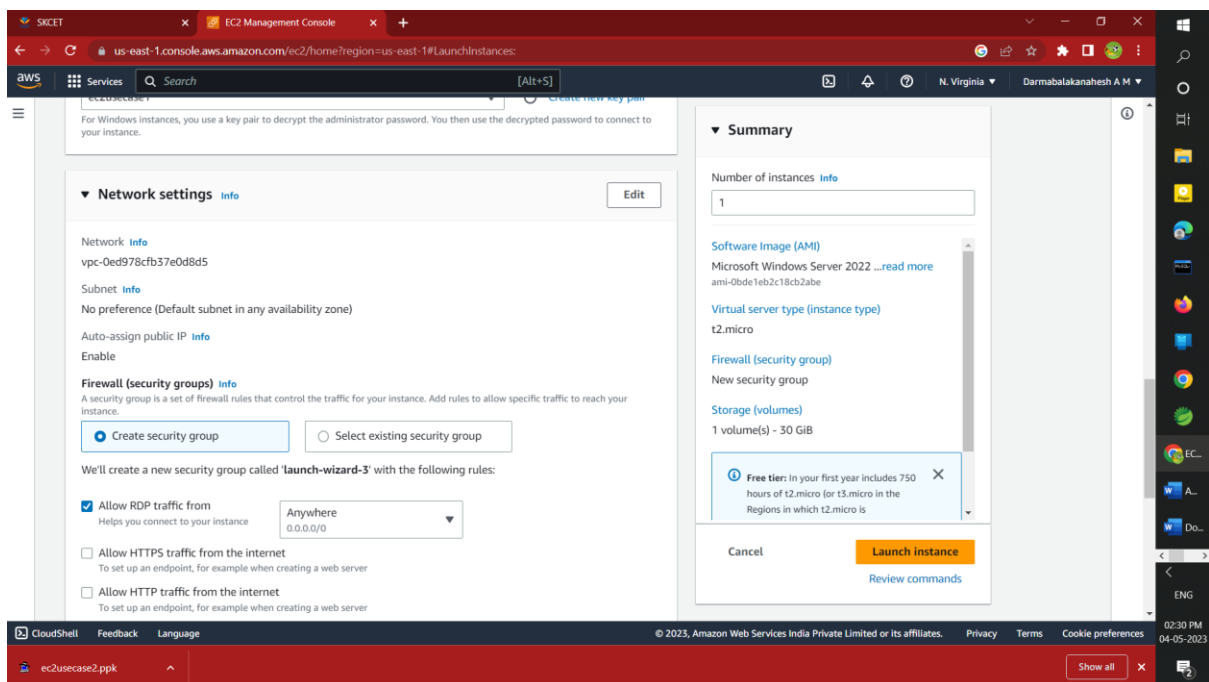
Give the nametag of both the server and keypair as
"ec2usecase1":



Select the AMI from the Windows OS Platform.



Ensure that Auto-Assigned Public-IP must be enabled.



ENABLED

Expose Port No.3389 for taking the remote desktop connection.

EC2 > Security Groups > sg-057257ab3385ee771 - launch-wizard-3 > Edit inbound rules

Edit inbound rules

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules

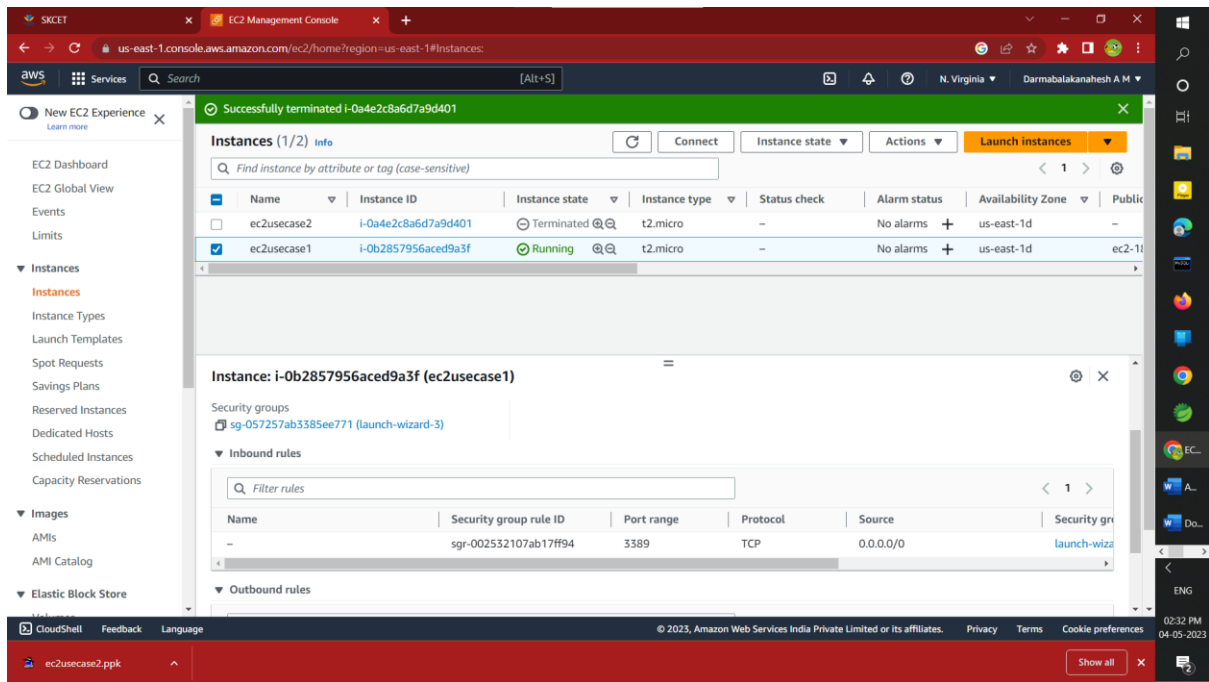
Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sg-002532107ab17ff94	RDP	TCP	3389	Custom	

Instances (1/2)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
ec2usecase1	i-0b2857956aced9a3f	Running	t2.micro	2/2 checks passed	No alarms	us-east-1d	ec2-11...
ec2usecase2	i-0a4e2c8a6d7a9d401	Terminated	t2.micro	-	No alarms	us-east-1d	-

Instance: i-0b2857956aced9a3f (ec2usecase1)

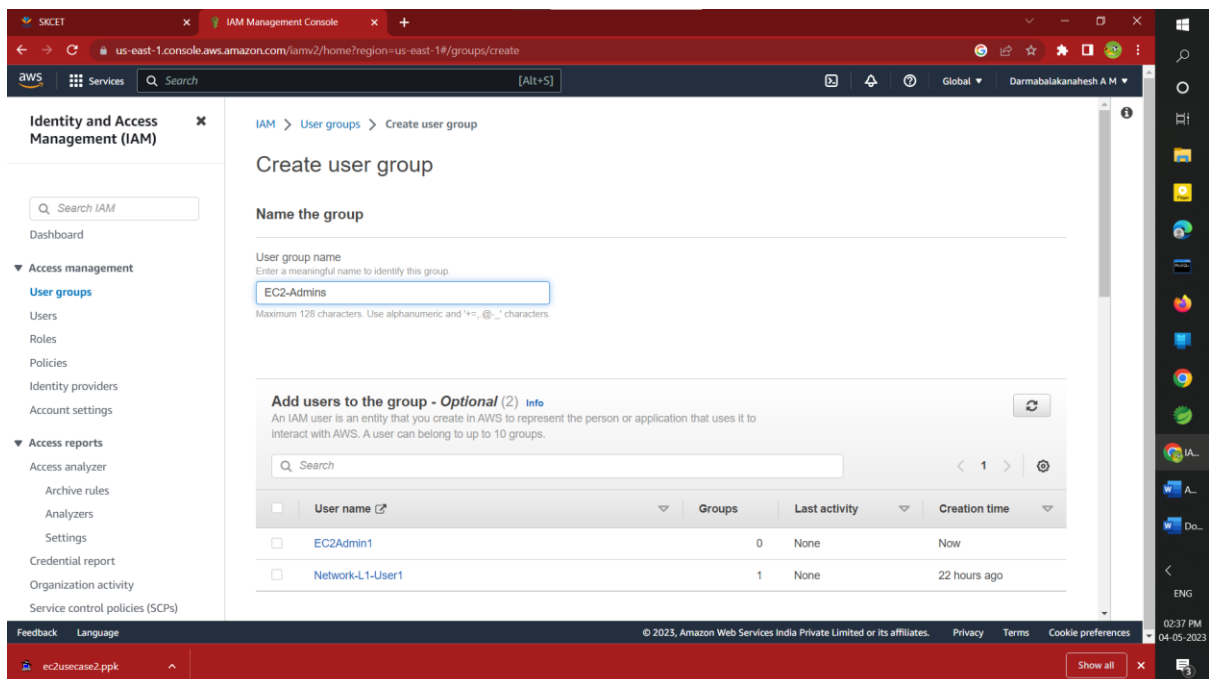
Name	Security group rule ID	Port range	Protocol	Source	Security group
-	sg-002532107ab17ff94	3389	TCP	0.0.0.0/0	launch-wiz...



QUESTION 3:

Create an IAM group called 'EC2-Admins' with 'AmazonEC2FullAccess' and 'AutoScalingFullAccess' policies, then add an IAM user called as 'EC2Admin1'.

The name of the IAM group should be 'EC2-Admins'.



The name of the IAM user should be 'EC2Admin1'.

The screenshot shows the AWS IAM console 'Users' page. The left sidebar contains the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, Users, Roles, Policies, Identity providers, Account settings, Access reports, Access analyzer, Archive rules, Analyzers, Settings, Credential report, Organization activity, and Service control policies (SCPs). The main content area shows a list of users. The user 'EC2Admin1' is selected, and its details are shown below the table.

User name	Groups	Last activity	MFA	Password age	Active key age
<input checked="" type="checkbox"/> EC2Admin1	None	Never	None	None	-
<input type="checkbox"/> Network-L1-User1	Network-L1-Team	Never	None	None	-

The 'AmazonEC2FullAccess' policy should be attached.

The screenshot shows the 'Attach permissions policies' step in the AWS IAM console. The left sidebar is the same as the previous screenshot. The main content area shows a list of user groups. The group 'Network-L1-User1' is selected. Below the list, there is a section 'Attach permissions policies - Optional' with a search bar and a list of policies. The policy 'AmazonEC2FullAccess' is selected.

User name	Groups	Last activity	Creation time
<input type="checkbox"/> EC2Admin1	0	None	3 minutes ago
<input type="checkbox"/> Network-L1-User1	1	None	22 hours ago

Attach permissions policies - Optional (Selected 1/843)

You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter policies by property or policy name and press enter. 1 match

"AmazonEC2FullAccess" X Clear filters

Policy name	Type	Description
<input checked="" type="checkbox"/> AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 via the AWS ...

Cancel Create group

The 'AutoScalingFullAccess' policy should be attached.

The screenshot shows the AWS IAM console in the 'us-east-1' region, specifically the 'Create group' page. The left sidebar shows the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, Access reports, and Service control policies (SCPs). The main content area is titled 'Attach permissions policies - Optional (Selected 2/843)'. It includes a search bar and a table of available policies. The 'AutoScalingFullAccess' policy is selected, and the 'Create group' button is visible at the bottom right.

User name	Groups	Last activity	Creation time
EC2Admin1	0	None	3 minutes ago
Network-L1-User1	1	None	22 hours ago

Policy name	Type	Description
AutoScalingFullAccess	AWS managed	Provides full access to Auto Scaling.

The screenshot shows the AWS IAM console in the 'us-east-1' region, specifically the 'User groups' page. The left sidebar shows the 'Identity and Access Management (IAM)' menu. The main content area is titled 'User groups (Selected 1/2)'. It includes a search bar and a table of existing user groups. The 'EC2-Admins' group is selected, and the 'Create group' button is visible at the bottom right.

Group name	Users	Permissions	Creation time
EC2-Admins	1	Defined	Now
Network-L1-Team	1	Loading	22 hours ago