

# AWS CLOUD COMPUTING

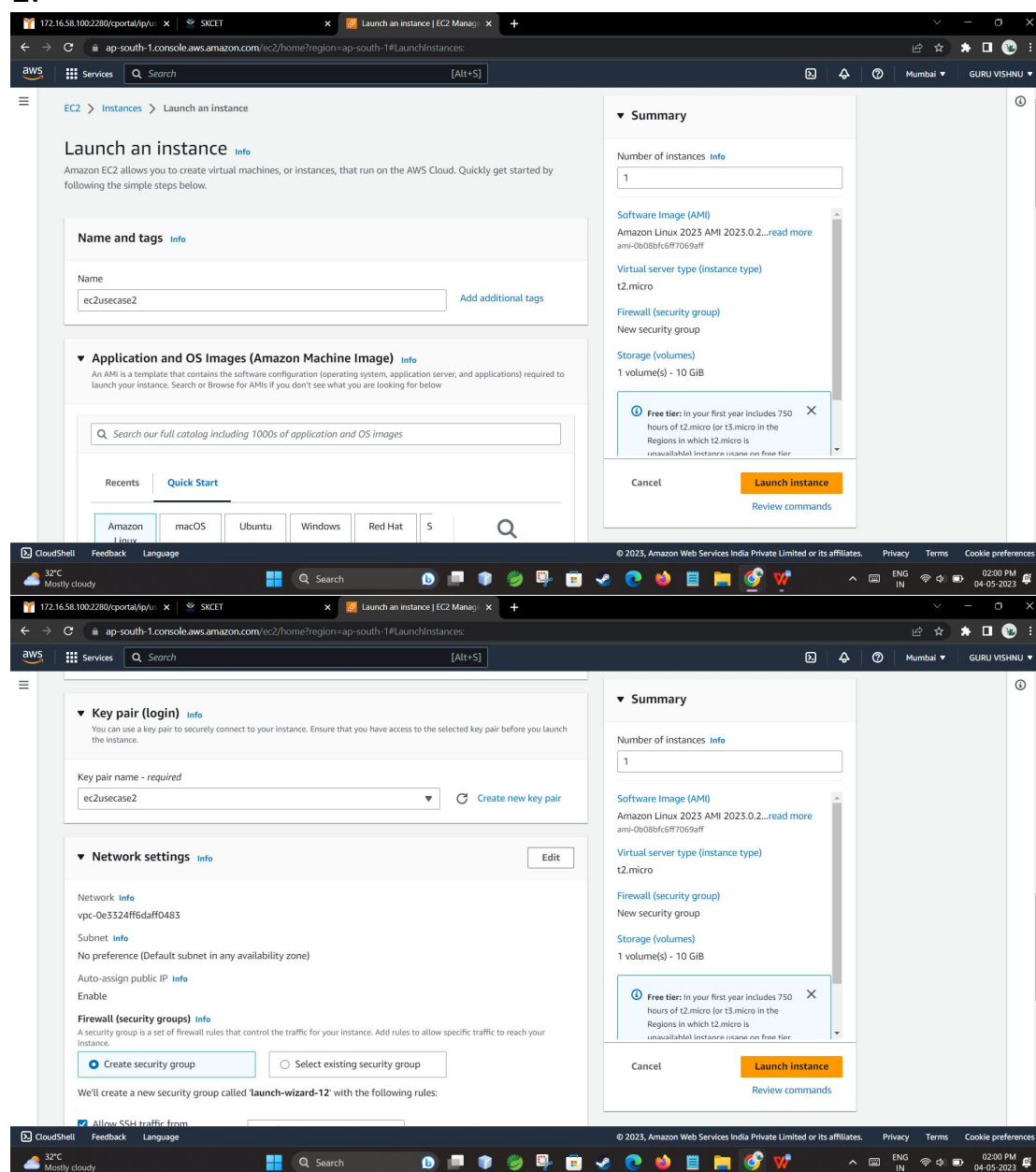
## CA 1

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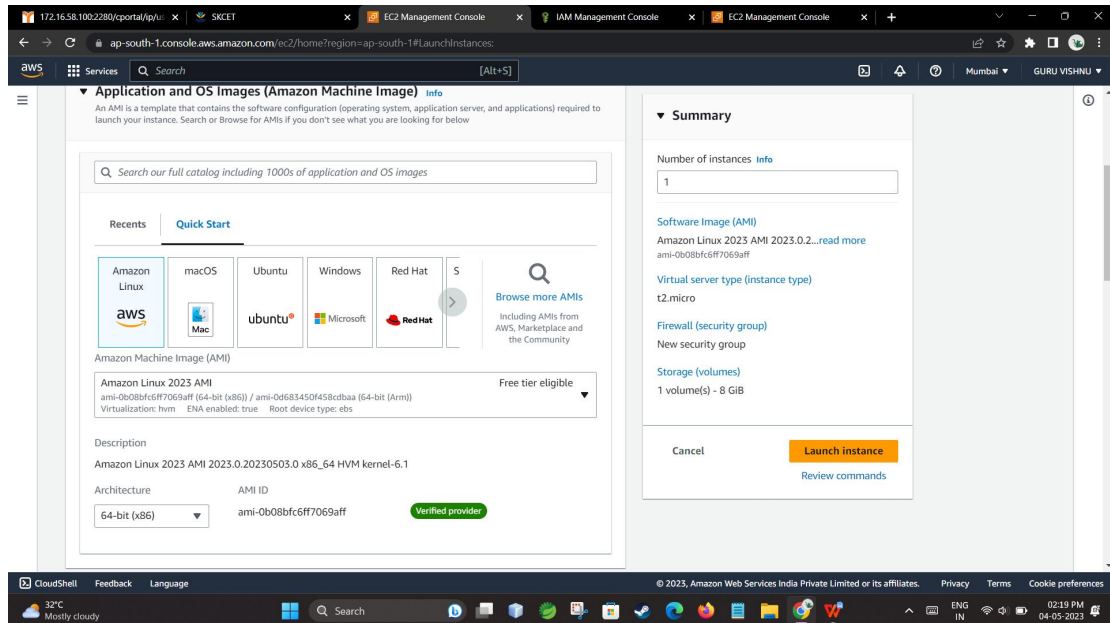
Q1.

CREATE AN EC2 INSTANCES WITH THE FOLLOWING  
REQUIREMENT :

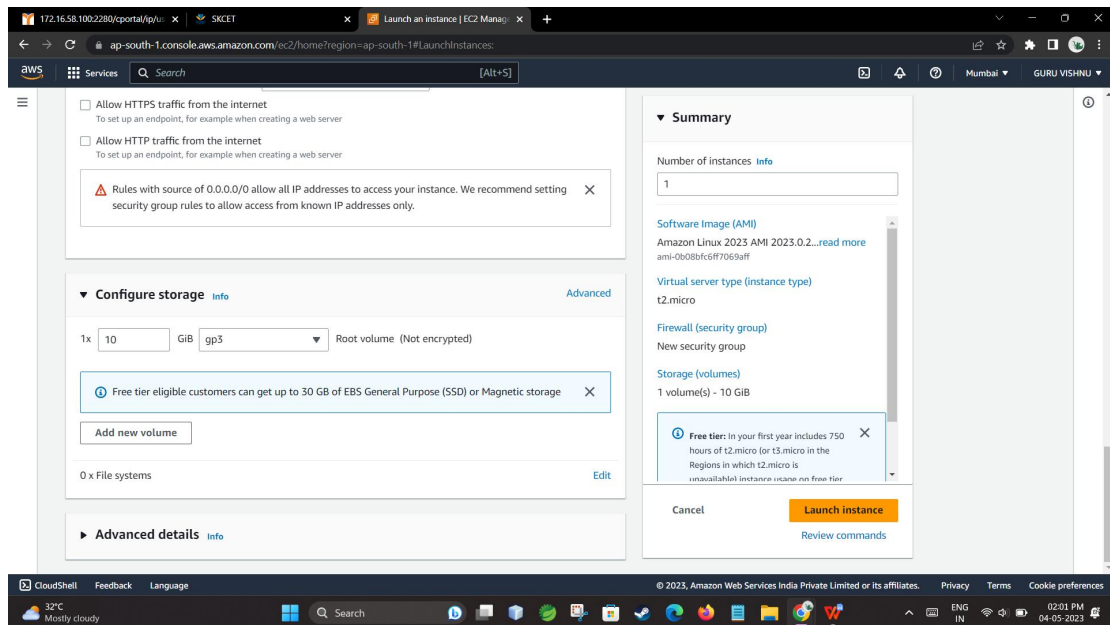
1.



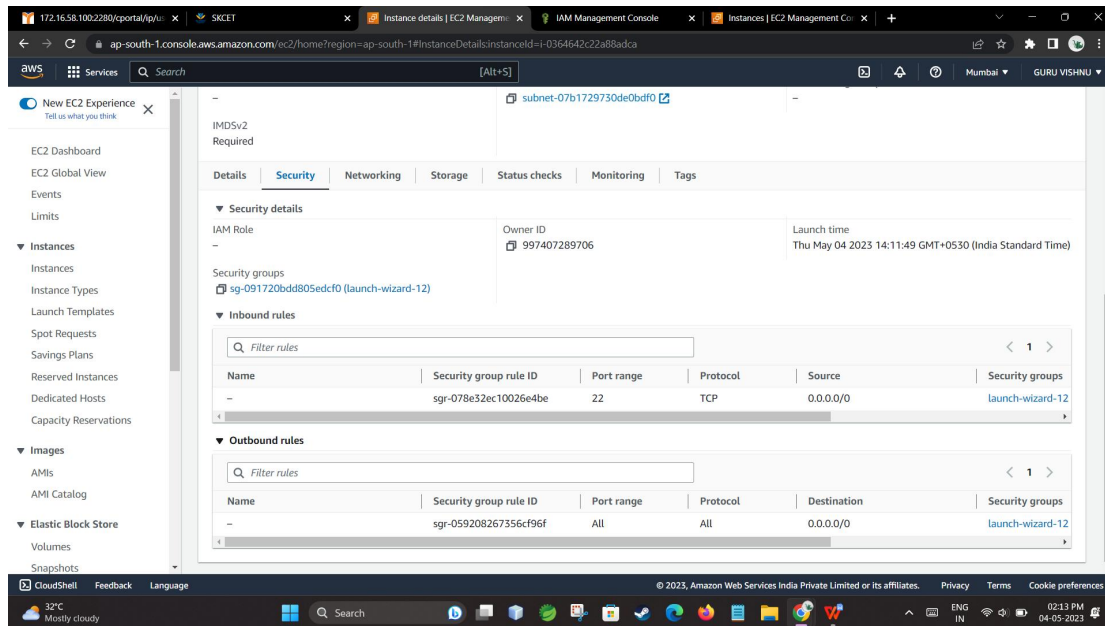
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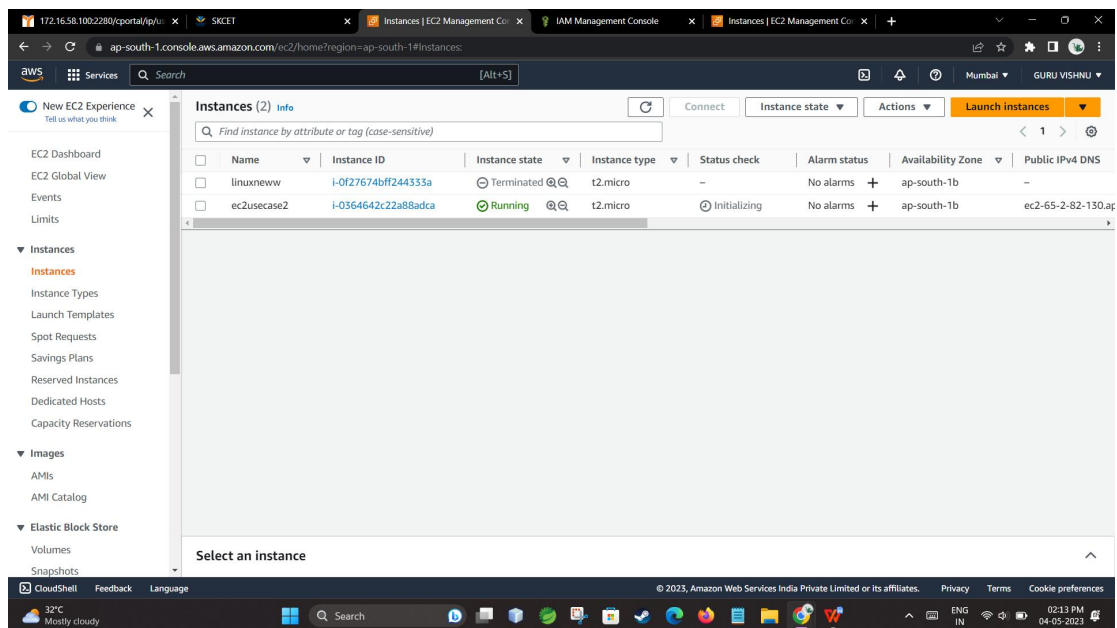
3.



4.



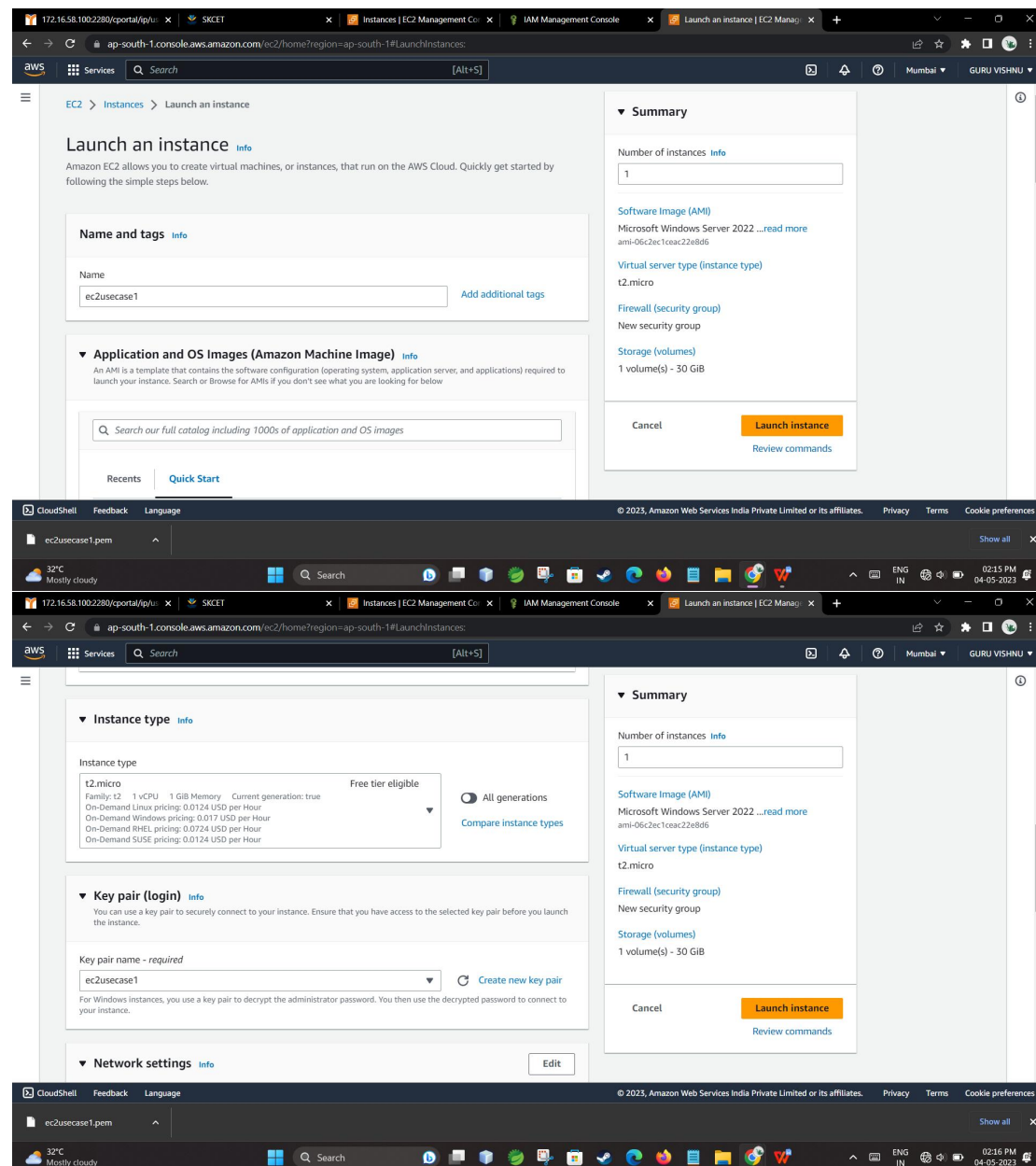
## CREATION OF EC2 INSTANCE:



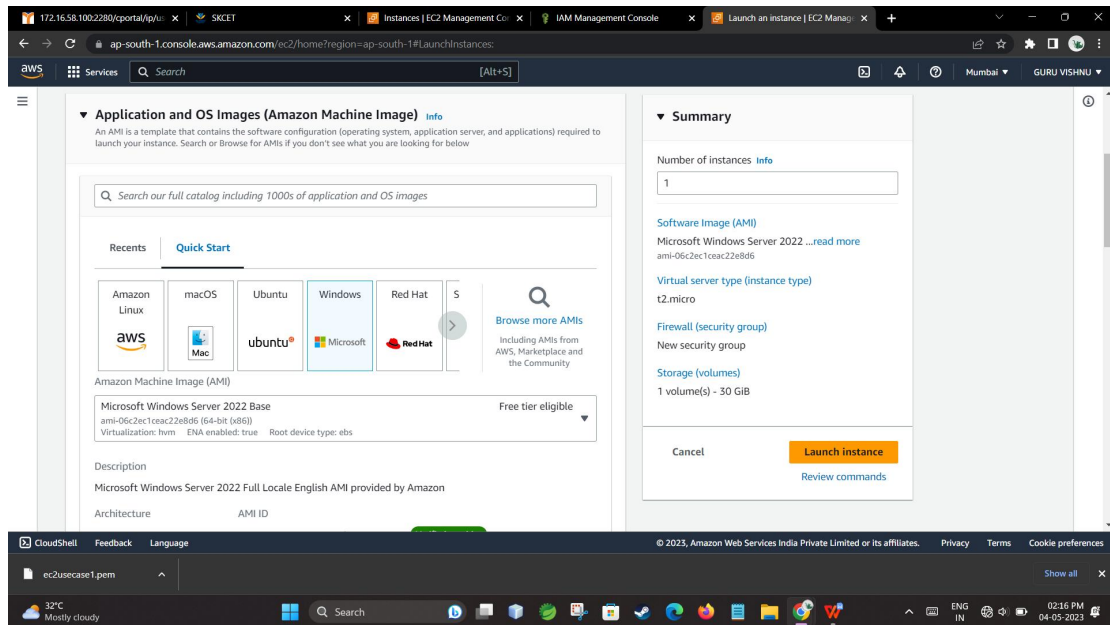
Q2:

CREATE AN EC2 INSTANCE WITH THE FOLLOWING STEP:

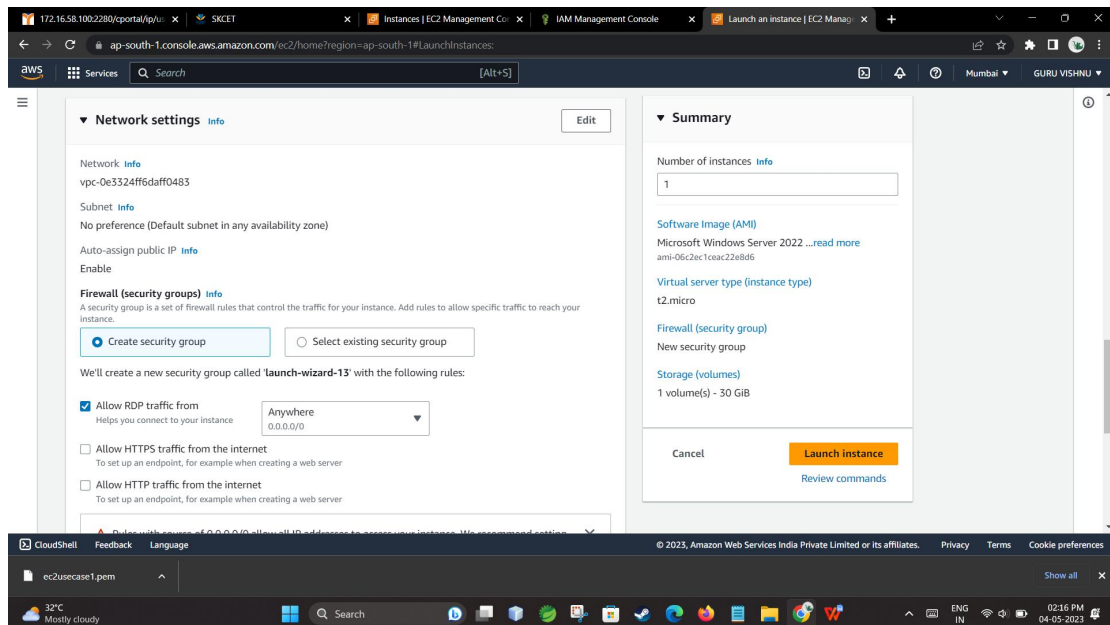
1.



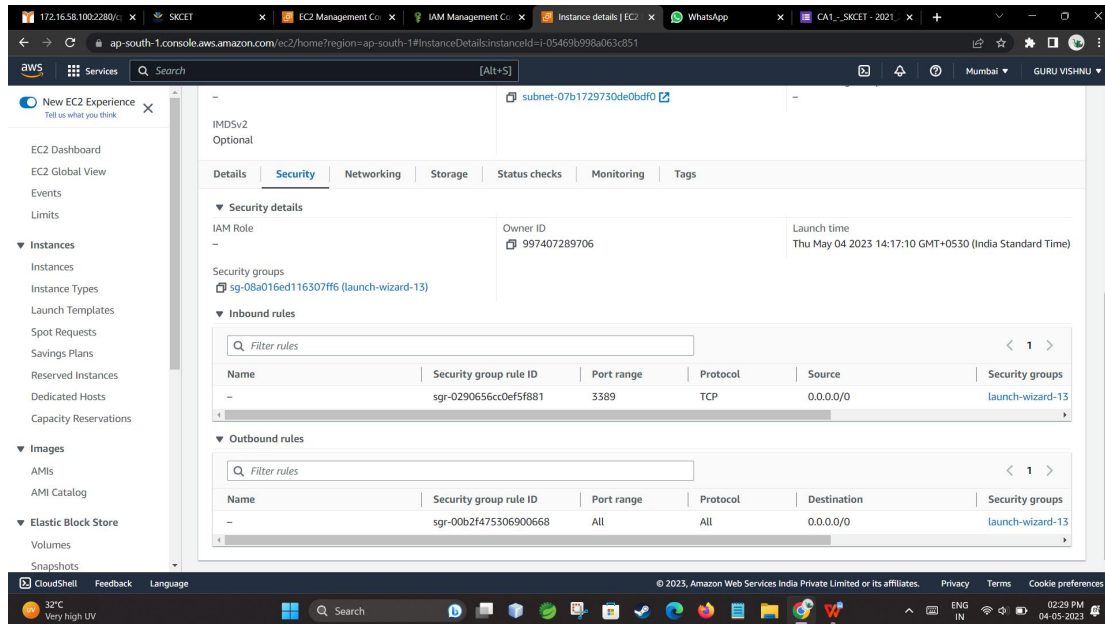
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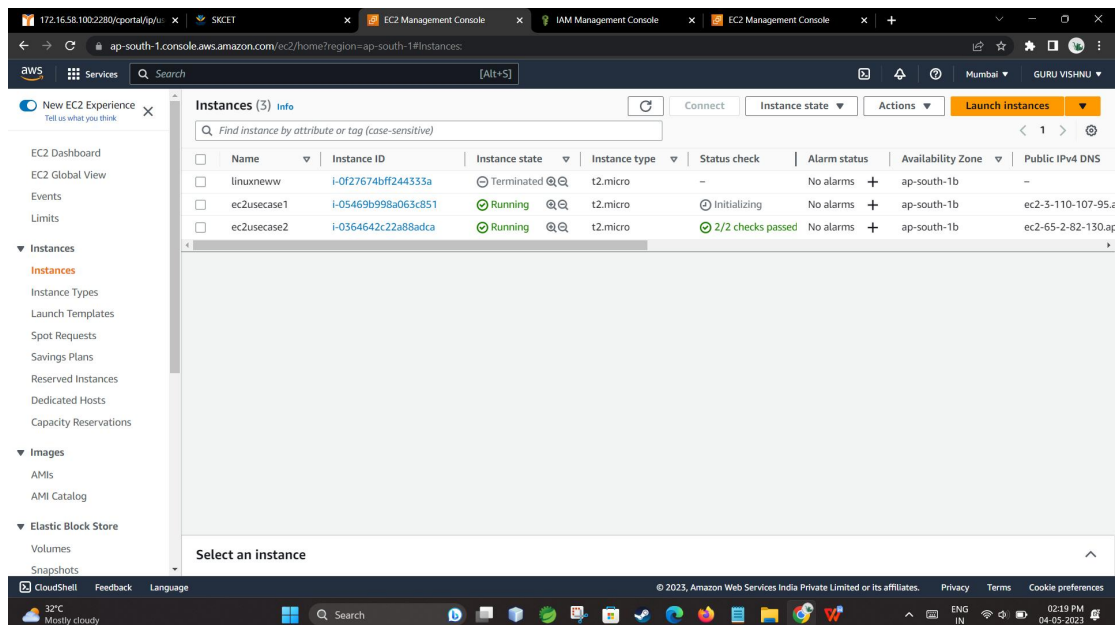
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4.



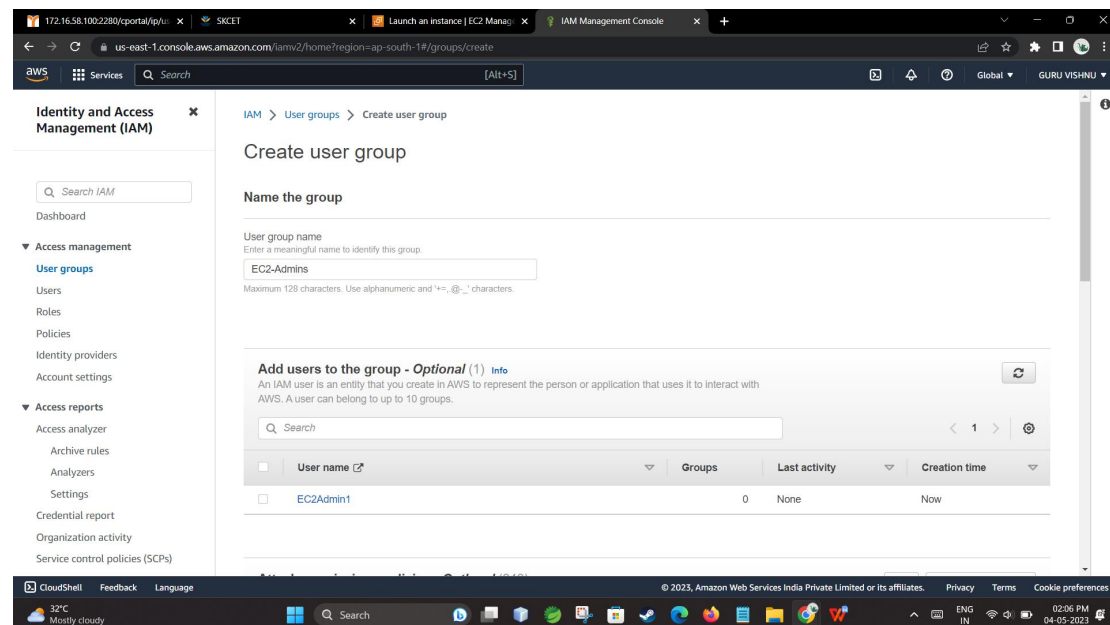
## CREATION OF EC2 INSTANCE :



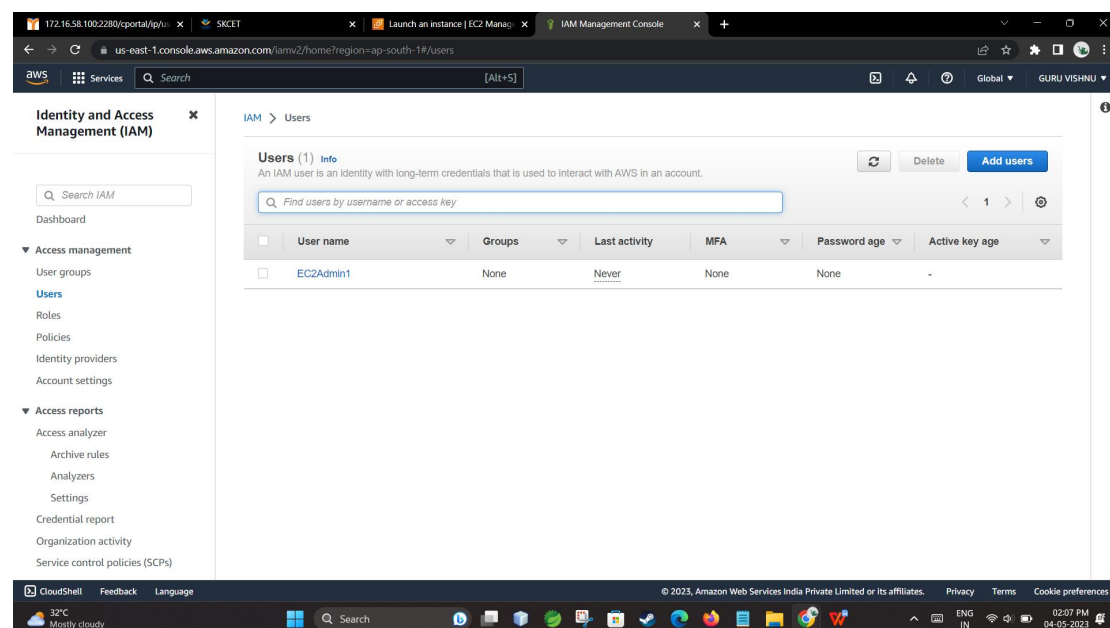
Q3:

CREATE AN IAM GROUP WITH THE FOLLOWING STEP:

1.



2.





3.

The screenshot shows the AWS IAM console interface. On the left, the 'Identity and Access Management (IAM)' sidebar is visible with options like Dashboard, Access management, and Access reports. The main content area is titled 'Attach permissions policies - Optional (Selected 1/843)'. Below this, there's a search bar with the filter 'amazonec2' and a 'Clear filters' button. A table lists 16 policies, with 'AmazonEC2FullAccess' selected. The table columns are Policy name, Type, and Description. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time.

Policy name	Type	Description
<input checked="" type="checkbox"/> AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 via the AWS Management ...
<input type="checkbox"/> AmazonEC2ReadOnlyAccess	AWS managed	Provides read only access to Amazon EC2 via the AWS Manage...
<input type="checkbox"/> AmazonEC2RoleforDataPipelineRole	AWS managed	Default policy for the Amazon EC2 Role for Data Pipeline service...
<input type="checkbox"/> AmazonEC2ContainerServiceforEC2Role	AWS managed	Default policy for the Amazon EC2 Role for Amazon EC2 Contai...
<input type="checkbox"/> AmazonEC2ContainerServiceRole	AWS managed	Default policy for Amazon ECS service role.
<input type="checkbox"/> AmazonEC2RoleforAWSCodeDeploy	AWS managed	Provides EC2 access to S3 bucket to download revision. This rol...
<input type="checkbox"/> AmazonEC2RoleforSSM	AWS managed	This policy will soon be deprecated. Please use AmazonSSM...
<input type="checkbox"/> AmazonEC2ContainerRegistryReadOnly	AWS managed	Provides read-only access to Amazon EC2 Container Registry re...
<input type="checkbox"/> AmazonEC2ContainerRegistryPowerUser	AWS managed	Provides full access to Amazon EC2 Container Registry repositor...
<input type="checkbox"/> AmazonEC2ContainerRegistryFullAccess	AWS managed	Provides administrative access to Amazon ECR resources

4.

The screenshot shows the AWS IAM console interface. On the left, the 'Identity and Access Management (IAM)' sidebar is visible. The main content area is titled 'Attach permissions policies - Optional (Selected 2/843)'. Below this, there's a search bar with the filter 'autoscal' and a 'Clear filters' button. A table lists 9 policies, with 'AutoScalingFullAccess' selected. The table columns are Policy name, Type, and Description. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time.

Policy name	Type	Description
<input type="checkbox"/> AutoScalingNotificationAccessRole	AWS managed	Default policy for the AutoScaling Notification Access service role.
<input type="checkbox"/> AmazonEC2ContainerServiceAutoscaleRole	AWS managed	Policy to enable Task Autoscaling for Amazon EC2 Container Ser...
<input type="checkbox"/> AmazonEC2SpotFleetAutoscaleRole	AWS managed	Policy to enable Autoscaling for Amazon EC2 Spot Fleet
<input type="checkbox"/> AmazonElasticMapReduceforAutoScalingRole	AWS managed	Amazon Elastic MapReduce for Auto Scaling. Role to allow Auto ...
<input checked="" type="checkbox"/> AutoScalingFullAccess	AWS managed	Provides full access to Auto Scaling.
<input type="checkbox"/> AutoScalingReadOnlyAccess	AWS managed	Provides read-only access to Auto Scaling.
<input type="checkbox"/> AutoScalingConsoleFullAccess	AWS managed	Provides full access to Auto Scaling via the AWS Management C...
<input type="checkbox"/> AutoScalingConsoleReadOnlyAccess	AWS managed	Provides read-only access to Auto Scaling via the AWS Manage...
<input type="checkbox"/> ApplicationAutoScalingForAmazonAppStrea...	AWS managed	Policy to enable Application Autoscaling for Amazon AppStream



## CREATION OF AN IAM GROUP :

The screenshot displays the AWS IAM Management Console interface. A green notification banner at the top states "EC2-Admins user group created." with a "View group" button. The left sidebar shows the "Identity and Access Management (IAM)" menu with options like Dashboard, Access management, and Access reports. The main content area is titled "User groups (1)" and includes a search bar and a table of user groups. The table lists one group, "EC2-Admins", with 1 user, "Defined" permissions, and a creation time of "Now".

**User groups (1)** Info

A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.

Filter User groups by property or group name and press enter

<input type="checkbox"/>	Group name	Users	Permissions	Creation time
<input type="checkbox"/>	EC2-Admins	1	Defined	Now