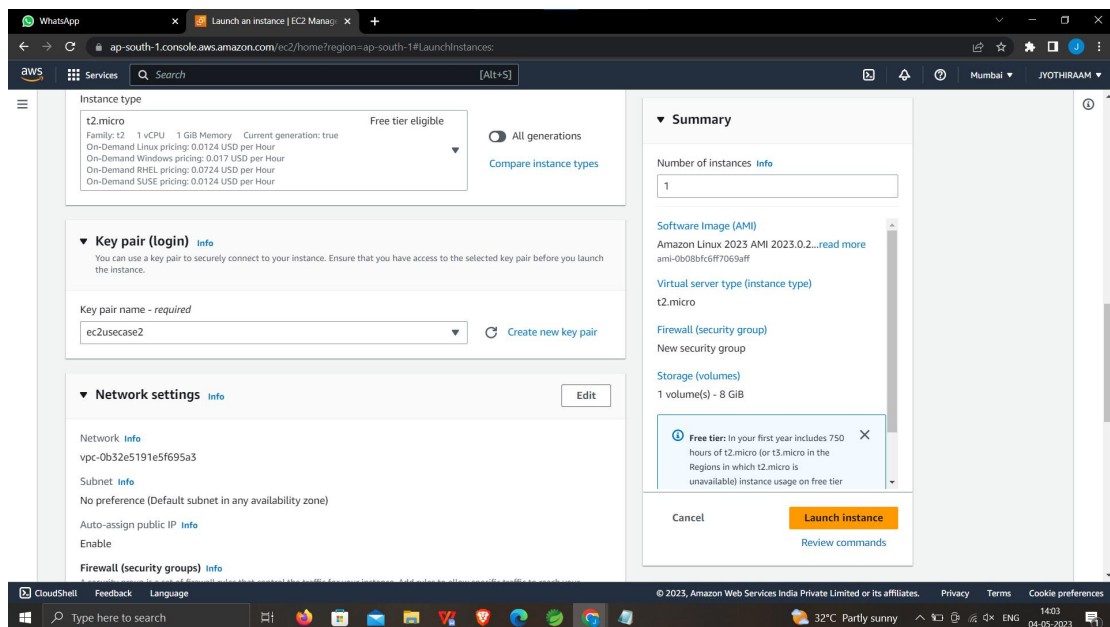
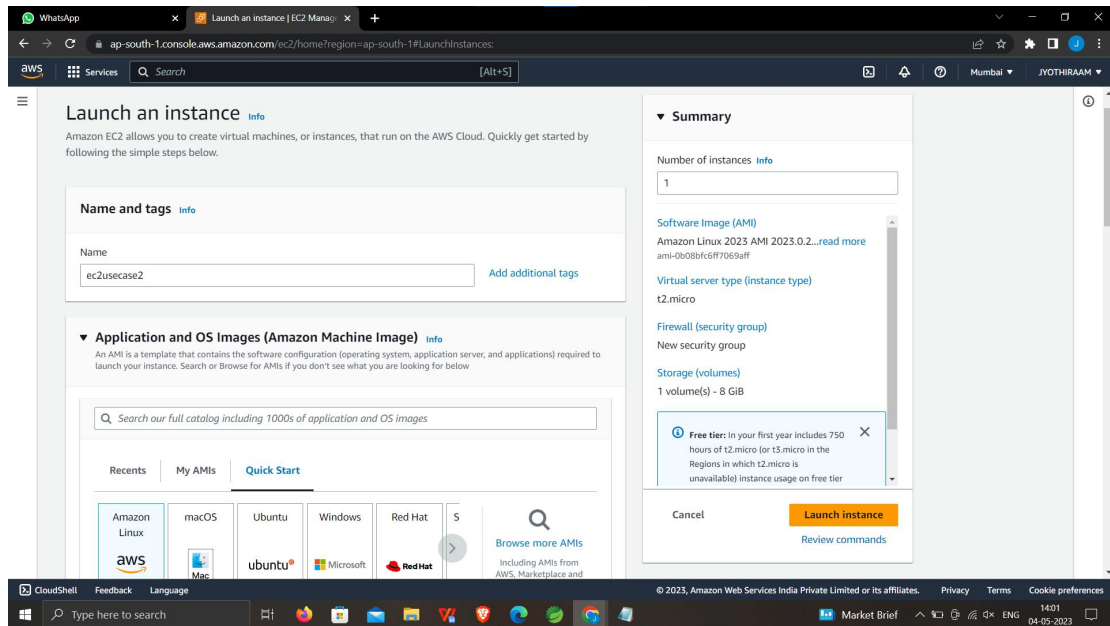


CA-1

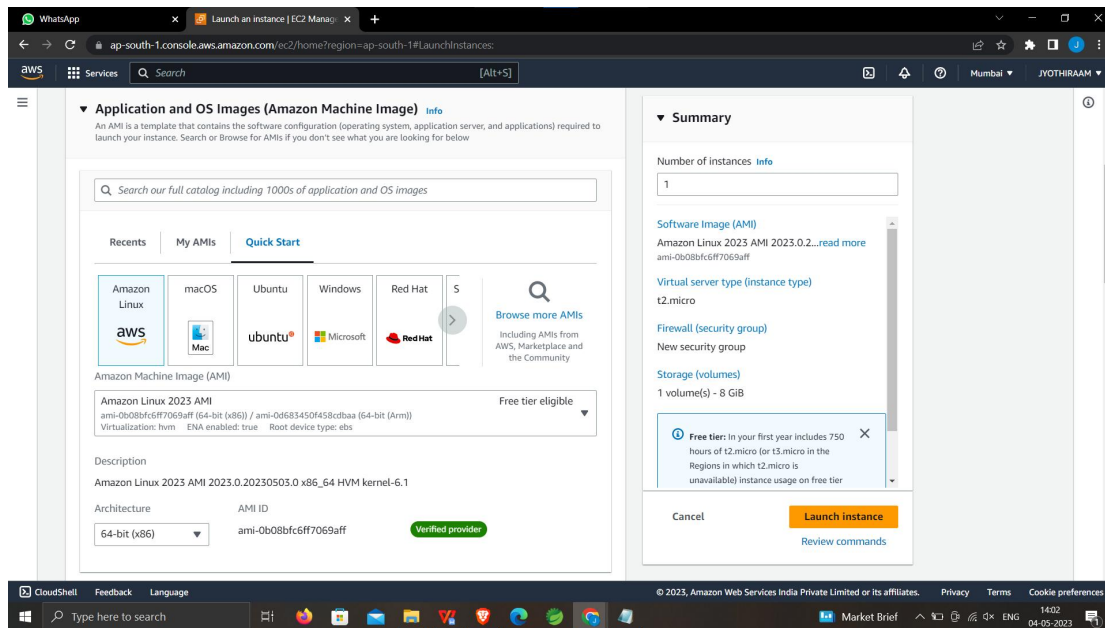
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1.

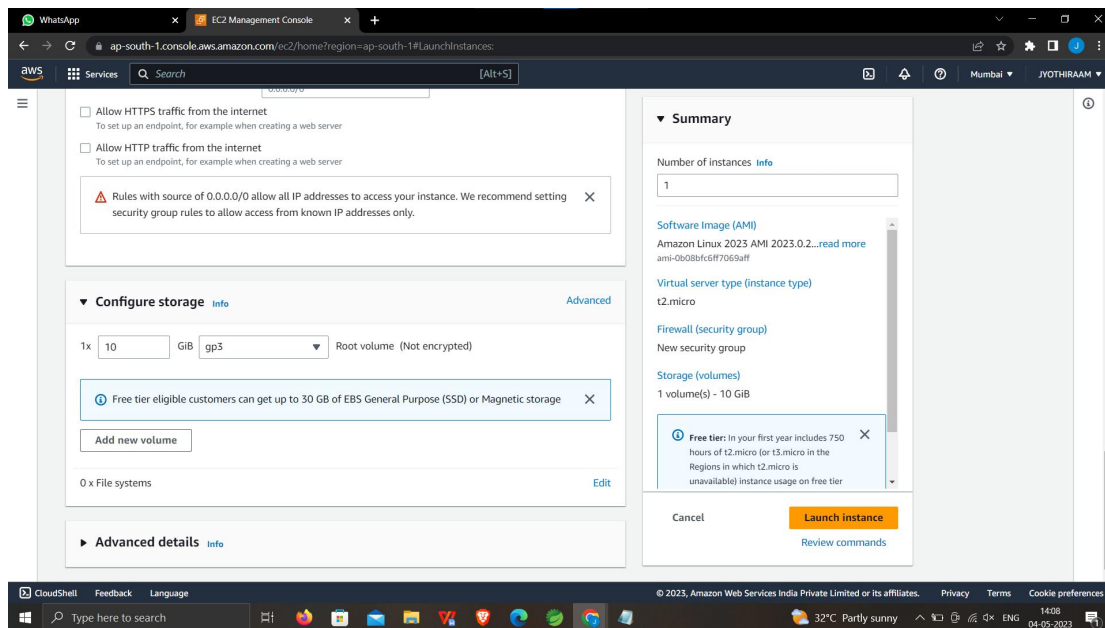
i) Create EC2 instance with server and keypair as “ec2usecase2”:



ii) Select ami from amazon linux os platform:



iii) Increase root EBS to 10GB:



iv)Expose port no.22:

The screenshot displays the AWS Management Console interface. The left sidebar shows navigation options like EC2 Dashboard, Events, Limits, and Instances. The main content area shows a list of EC2 instances. One instance, 'ec2usecase2' with ID 'i-0b7ccb65cd1ec7c95', is in a 'Running' state. Below the list, the details for this instance are shown, including its IAM Role, Owner ID, and Launch time. The 'Inbound rules' section is expanded, showing a rule that allows TCP traffic on port 22 from the source '0.0.0.0/0'.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
new2	i-0ea8cea6cde4de373	Terminated	t2.micro	-	No alarms	ap-south-1b	-
ec2usecase2	i-0b7ccb65cd1ec7c95	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b	ec2-13-233-194-
ec2usecase2	i-0da7016bc8cd50231	Terminated	t2.micro	-	No alarms	ap-south-1b	-

Instance: i-0b7ccb65cd1ec7c95 (ec2usecase2)

Security details

IAM Role: -
Owner ID: 729770151313
Launch time: Thu May 04 2023 14:08:47 GMT+0530 (India Standard Time)

Security groups

sg-0adf78c834b4596f1 (launch-wizard-12)

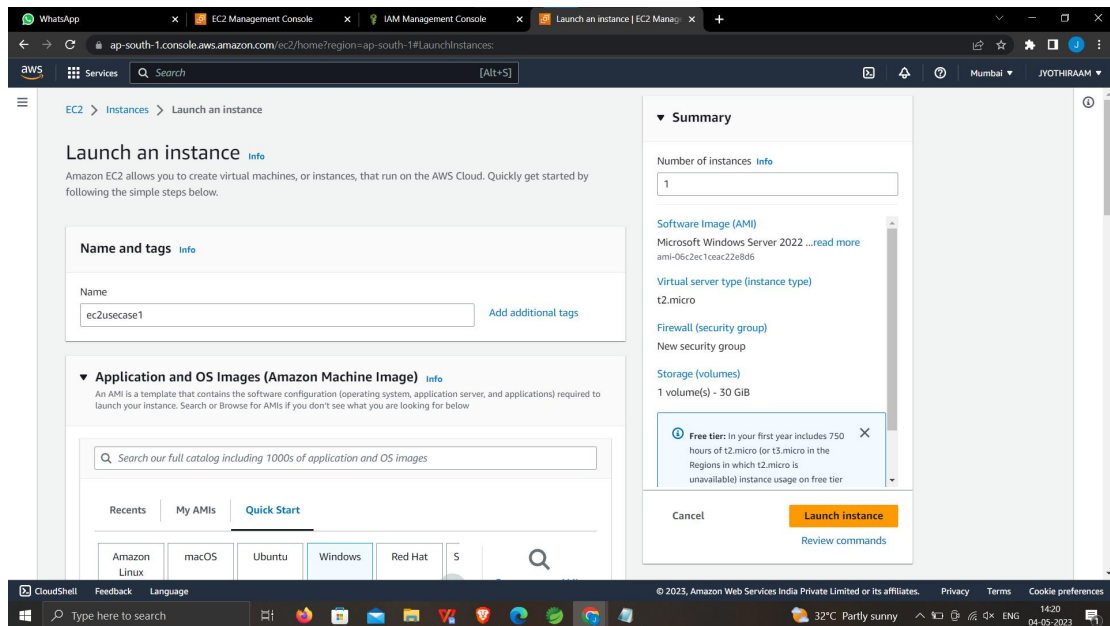
Inbound rules

Name	Security group rule ID	Port range	Protocol	Source	Security groups
-	sgr-083ca23b675d62203	22	TCP	0.0.0.0/0	launch-wizard-12

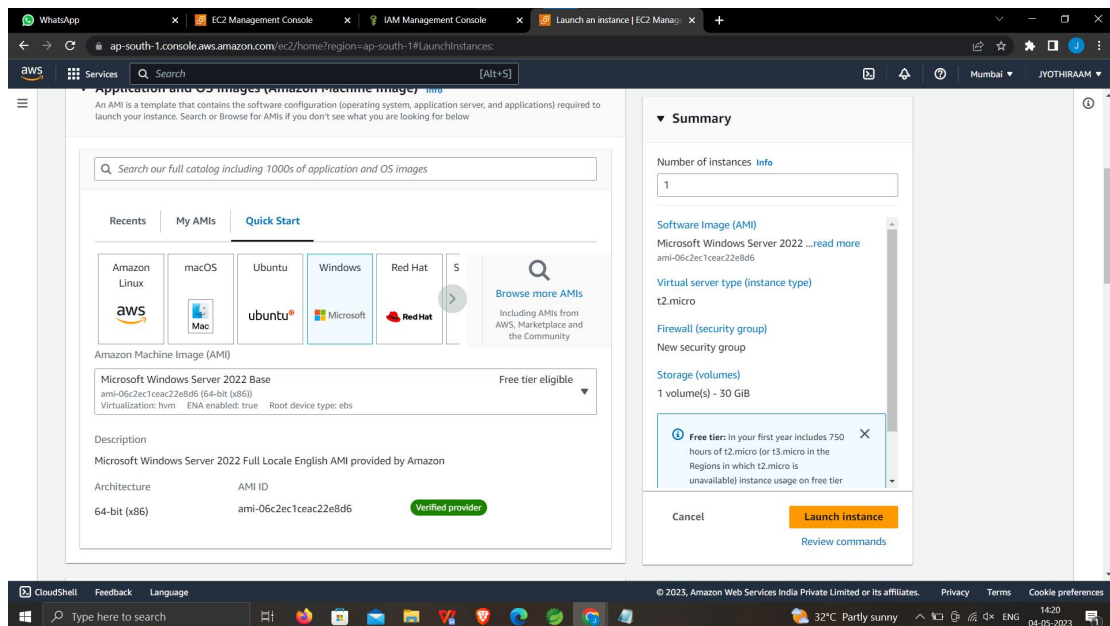
Outbound rules

2.

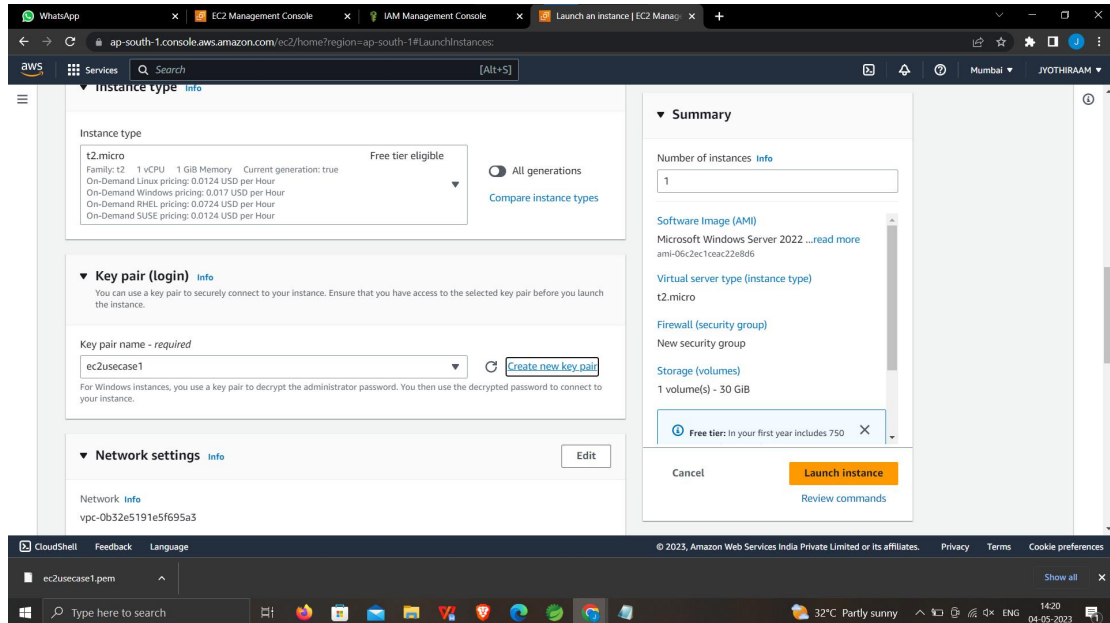
I)



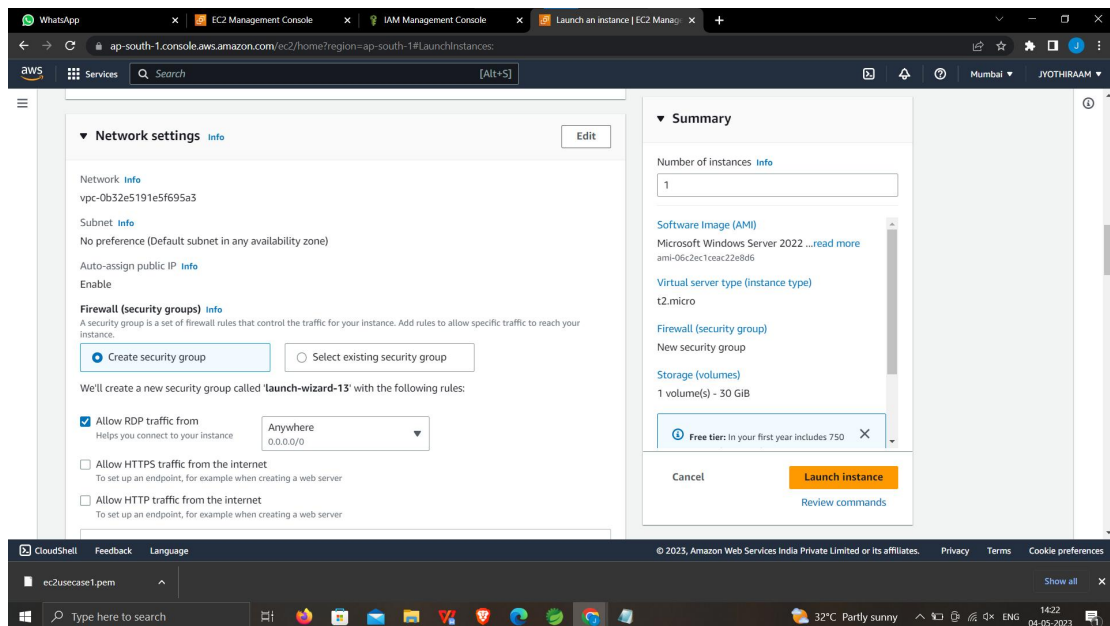
II)



III)



IV)



v)

WhatsApp EC2 Management Console IAM Management Console Instances | EC2 Management Co

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#instances

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EC2 Dashboard
EC2 Global View
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Limits
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store

Instances (1/4) info

Find instance by attribute or tag (case-sensitive)

Connect Instance state Actions Launch Instances

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
<input type="checkbox"/>	new2	i-0ea8cea6cde4de373	Terminated	t2.micro	-	No alarms	ap-south-1b	-
<input type="checkbox"/>	ec2usecase2	i-0b7ccb65cd1ec7c95	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1b	ec2-13-233-194-
<input type="checkbox"/>	ec2usecase2	i-0da7016bc8cd50231	Terminated	t2.micro	-	No alarms	ap-south-1b	-
<input checked="" type="checkbox"/>	ec2usecase1	i-01f97371fb6eb1a91	Running	t2.micro	-	No alarms	ap-south-1b	ec2-13-126-140-

Instance: i-01f97371fb6eb1a91 (ec2usecase1)

Filter rules

Name	Security group rule ID	Port range	Protocol	Source	Security groups
-	sgr-0c19fd2581f46986f	3389	TCP	0.0.0.0/0	launch-wizard-13

Outbound rules

Filter rules

Name	Security group rule ID	Port range	Protocol	Destination	Security groups
-	sgr-02b6f9de5525df794	All	All	0.0.0.0/0	launch-wizard-13

CloudShell Feedback Language

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ec2usecase1.pem Show all

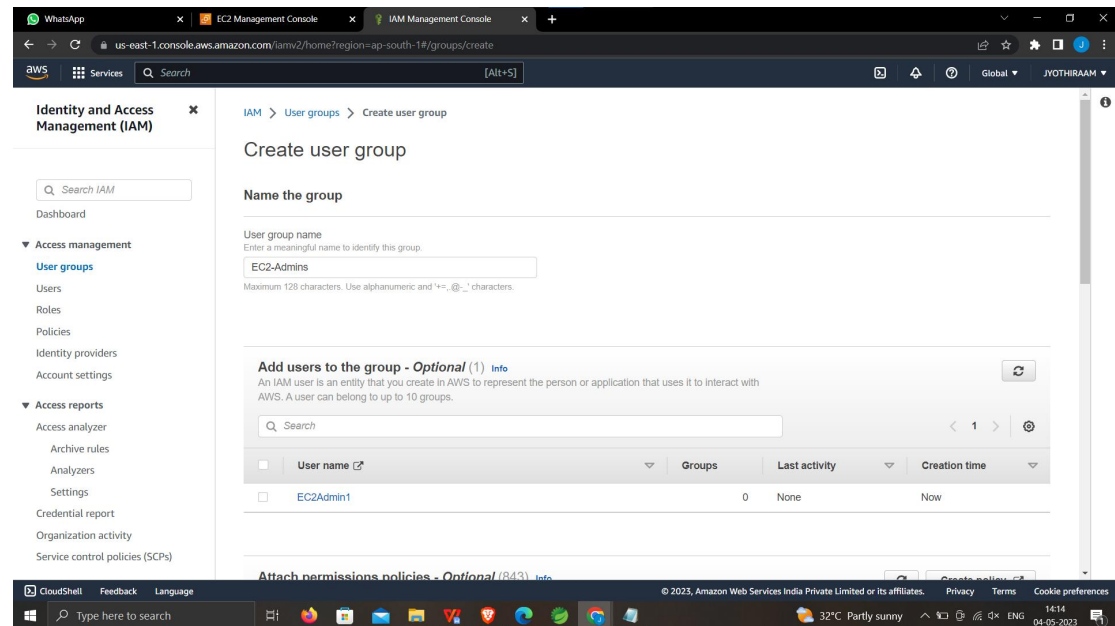
Type here to search

Watchlist Ideas

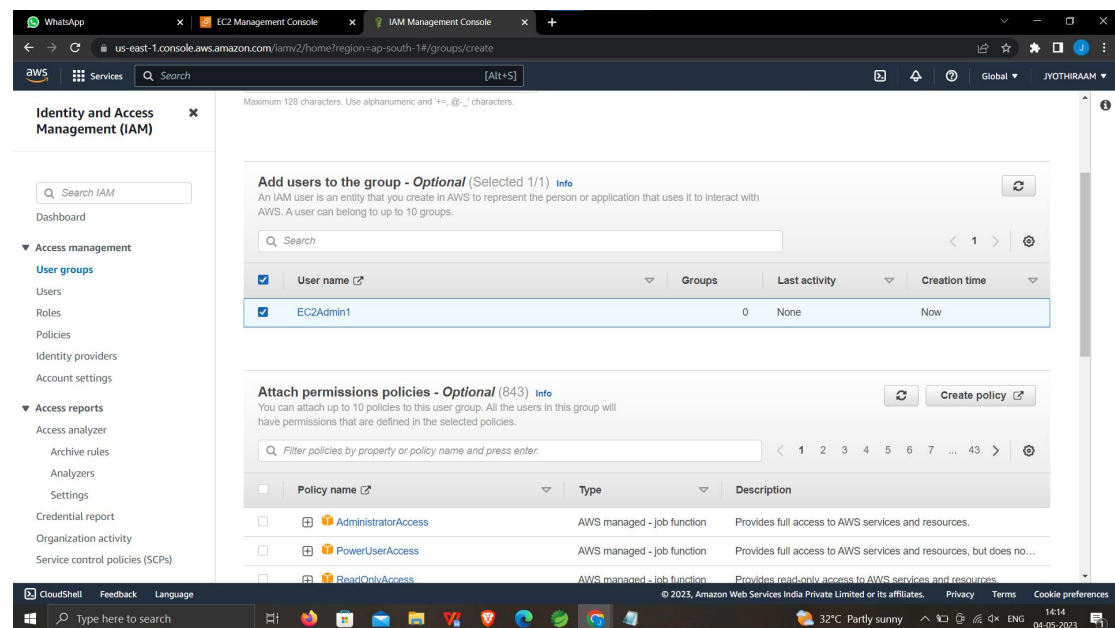
14:23 04-05-2023

3.

I)



II)



III)

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, User groups, Roles, Policies, Identity providers, Account settings, Access reports, and Service control policies (SCPs). The main content area is titled 'Attach permissions policies - Optional (Selected 1/843)'. It includes a search bar with the filter 'amazonec2' and a 'Clear filters' button. Below the search bar, a table lists various AWS managed policies. The 'AmazonEC2FullAccess' policy is selected, indicated by a blue highlight and a checkmark in the selection column.

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 AmazonSSMMan...
<input type="checkbox"/> AmazonEC2ContainerRegistryReadOnly	AWS managed	Provides read-only access to Amazon EC2 Container Registry re...

IV)

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, User groups, Roles, Policies, Identity providers, Account settings, 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 with the filter 'autoscaling' and a 'Clear filters' button. Below the search bar, a table lists various AWS managed policies. The 'AutoScalingFullAccess' policy is selected, indicated by a blue highlight and a checkmark in the selection column.

Policy name	Type	Description
<input type="checkbox"/> AutoScalingNotificationAccessRole	AWS managed	Default policy for the AutoScaling Notification Access service role.
<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"/> ApplicationAutoScalingForAmazonAppStream...	AWS managed	Policy to enable Application Autoscaling for Amazon AppStream

v)

The screenshot displays the AWS IAM console interface. The left-hand navigation pane is titled 'Identity and Access Management (IAM)' and includes a search bar and a menu with categories like 'Access management' (containing 'User groups', 'Users', 'Roles', 'Policies', 'Identity providers', and 'Account settings') and 'Access reports' (containing 'Access analyzer', 'Archive rules', 'Analyzers', 'Settings', 'Credential report', 'Organization activity', and 'Service control policies (SCPs)').

The main content area is titled 'IAM > User groups'. It shows 'User groups (Selected 1/1)' with an 'Info' link. Below this is a description: 'A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.' There are buttons for 'Delete' and 'Create group'. A search bar prompts the user to 'Filter User groups by property or group name and press enter'. Below the search bar is a table with the following data:

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

The bottom of the image shows a Windows taskbar with a search bar, several application icons, and system information indicating a temperature of 32°C, 'Partly sunny' weather, and the date '04-05-2023'.

