

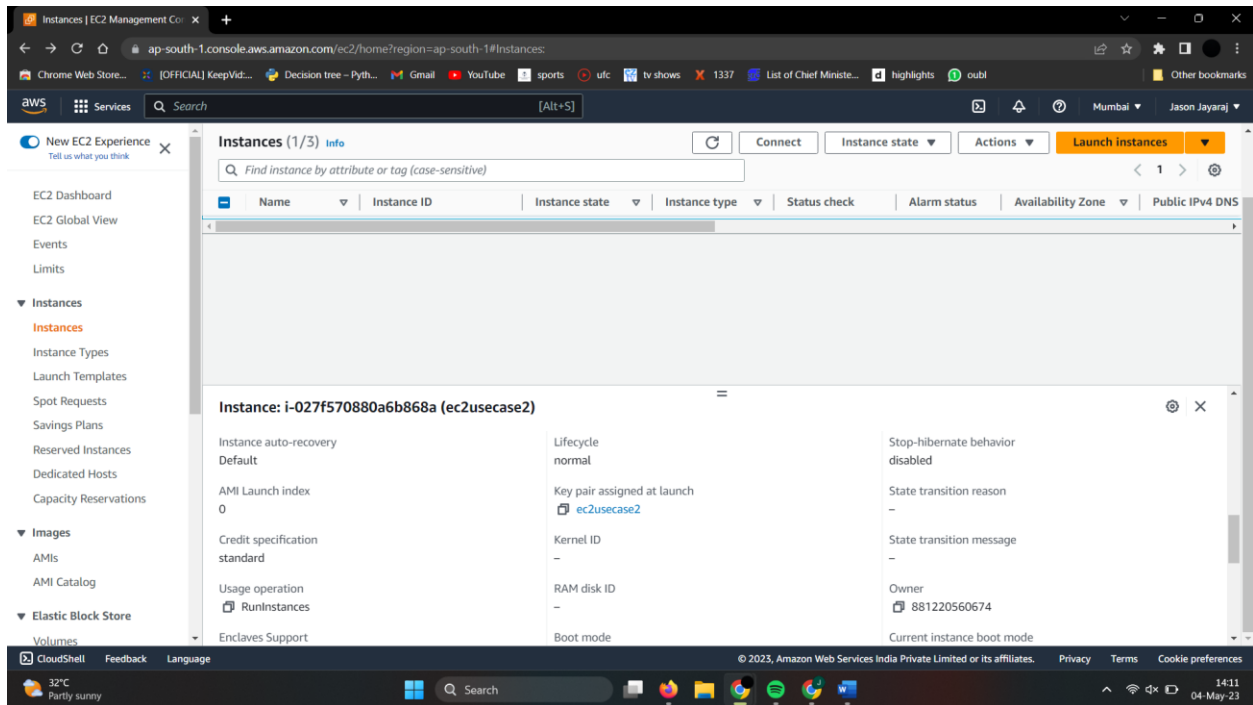
CA1

Name: Jason Jayaraj

Roll no: 727721euit060

Question 1

A.



B.

The screenshot shows the AWS Management Console for the 'ap-south-1' region. The left sidebar contains navigation options like 'EC2 Dashboard', 'Instances', 'Images', and 'Elastic Block Store'. The main content area displays the 'Instances (1/3)' page. A table lists the instance 'ec2usecase2' with ID 'i-027f570880a6b868a', state 'Running', type 't2.micro', and public IPv4 DNS 'ec2-65-1-109-42'. Below the table, the 'Instance: i-027f570880a6b868a (ec2usecase2)' details are shown, including platform 'Amazon Linux (Inferred)', AMI ID 'ami-0b08bfc6ff7069aff', and launch time 'Thu May 04 2023 14:09:56 GMT+0530 (India Standard Time)'. The instance is in the 'ap-south-1a' availability zone.

C.

This screenshot shows the same AWS Management Console instance details page, but with the 'Block devices' section expanded. It displays a table of block devices for the instance 'ec2usecase2'. The table has columns for Volume ID, Device name, Volume size (GiB), Attachment status, Attachment time, Encrypted, and KMS key ID. One device is listed: Volume ID 'vol-06521e614f7e7e864', Device name '/dev/xvda', Volume size '10', Attachment status 'Attached', Attachment time '2023/05/04 14:09 GMT+5:30', Encrypted 'No', and KMS key ID '-'. Below this, the 'Recent root volume replacement tasks' section is visible, showing a 'Replace root volume' button.

D.

Instances (1/3) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
google	i-080a7eacd3e4b34fc	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-13-232-207-
-	i-06f39bb591d8aa355	Running	t2.micro	2/2 checks passed	No alarms	ap-south-1a	ec2-43-205-198-
ec2usecase2	i-027f570880a6b868a	Running	t2.micro	Initializing	No alarms	ap-south-1a	ec2-65-1-109-42

Instance: i-027f570880a6b868a (ec2usecase2)

Security groups

- sg-0c6e4291264ab623c (launch-wizard-11)

Inbound rules

Name	Security group rule ID	Port range	Protocol	Source	Security groups
-	sgr-01535c784799d27be	22	TCP	0.0.0.0/0	launch-wizard-11

Details

Security group name: launch-wizard-11

Security group ID: sg-0c6e4291264ab623c

Description: launch-wizard created 2023-05-04T08:37:52.612Z

VPC ID: vpc-0d5783a8a5f9d024b

Owner: 881220560674

Inbound rules count: 1 Permission entry

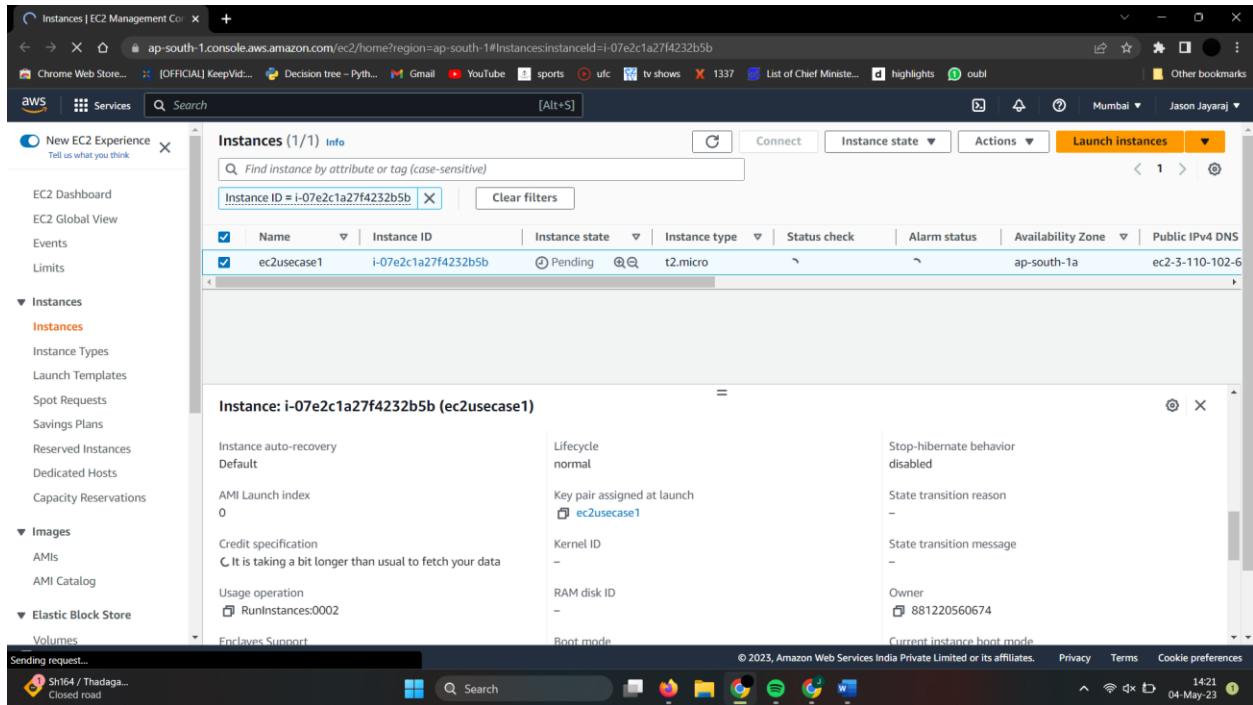
Outbound rules count: 1 Permission entry

Inbound rules (1/1)

Name	Security group rule ID	IP version	Type	Protocol	Port range
-	sgr-01535c784799d2...	IPv4	SSH	TCP	22

Question 2:

A.



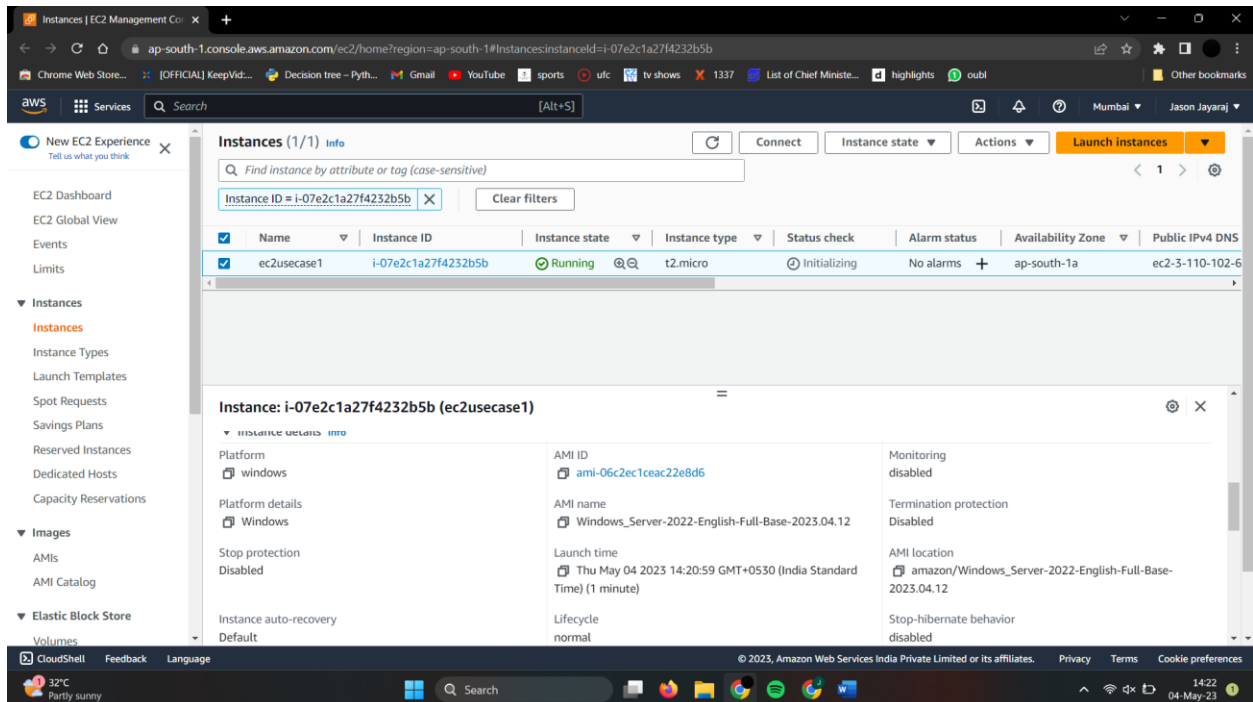
The screenshot shows the AWS Management Console for the 'Instances' page in the 'ap-south-1' region. The instance 'ec2usecase1' with ID 'i-07e2c1a27f4232b5b' is listed in a table with the state 'Pending'. Below the table, the 'Instance: i-07e2c1a27f4232b5b (ec2usecase1)' details are shown. The instance is a 't2.micro' type, launched from the 'ami-06c2ec1ceac22e8d6' AMI. The state is 'Pending', and the lifecycle is 'normal'. The instance is located in the 'ap-south-1a' availability zone. The console also shows a sidebar with navigation options like 'EC2 Dashboard', 'Events', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Capacity Reservations', 'Images', 'AMIs', 'AMI Catalog', 'Elastic Block Store', and 'Volumes'.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
ec2usecase1	i-07e2c1a27f4232b5b	Pending	t2.micro			ap-south-1a	ec2-3-110-102-6

Instance: i-07e2c1a27f4232b5b (ec2usecase1)

- Instance auto-recovery: Default
- AMI Launch index: 0
- Credit specification: It is taking a bit longer than usual to fetch your data
- Usage operation: RunInstances:0002
- Enclaves Support: Default
- Lifecycle: normal
- Key pair assigned at launch: ec2usecase1
- Kernel ID: -
- RAM disk ID: -
- Boot mode: Current instance boot mode
- Stop-hibernate behavior: disabled
- State transition reason: -
- State transition message: -
- Owner: 881220560674

B.



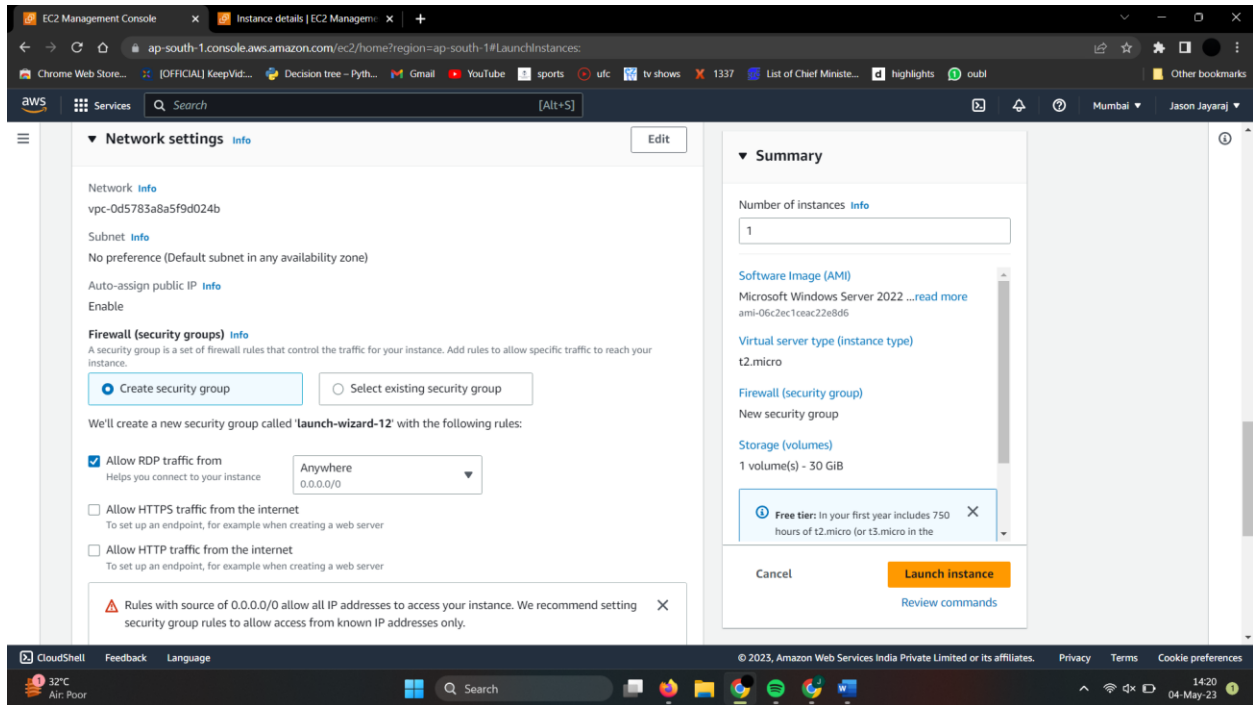
The screenshot shows the AWS Management Console for the 'Instances' page in the 'ap-south-1' region. The instance 'ec2usecase1' with ID 'i-07e2c1a27f4232b5b' is listed in a table with the state 'Running'. Below the table, the 'Instance: i-07e2c1a27f4232b5b (ec2usecase1)' details are shown. The instance is a 't2.micro' type, launched from the 'ami-06c2ec1ceac22e8d6' AMI. The state is 'Running', and the lifecycle is 'normal'. The instance is located in the 'ap-south-1a' availability zone. The console also shows a sidebar with navigation options like 'EC2 Dashboard', 'Events', 'Limits', 'Instances', 'Instance Types', 'Launch Templates', 'Spot Requests', 'Savings Plans', 'Reserved Instances', 'Dedicated Hosts', 'Capacity Reservations', 'Images', 'AMIs', 'AMI Catalog', 'Elastic Block Store', and 'Volumes'.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
ec2usecase1	i-07e2c1a27f4232b5b	Running	t2.micro	Initializing	No alarms	ap-south-1a	ec2-3-110-102-6

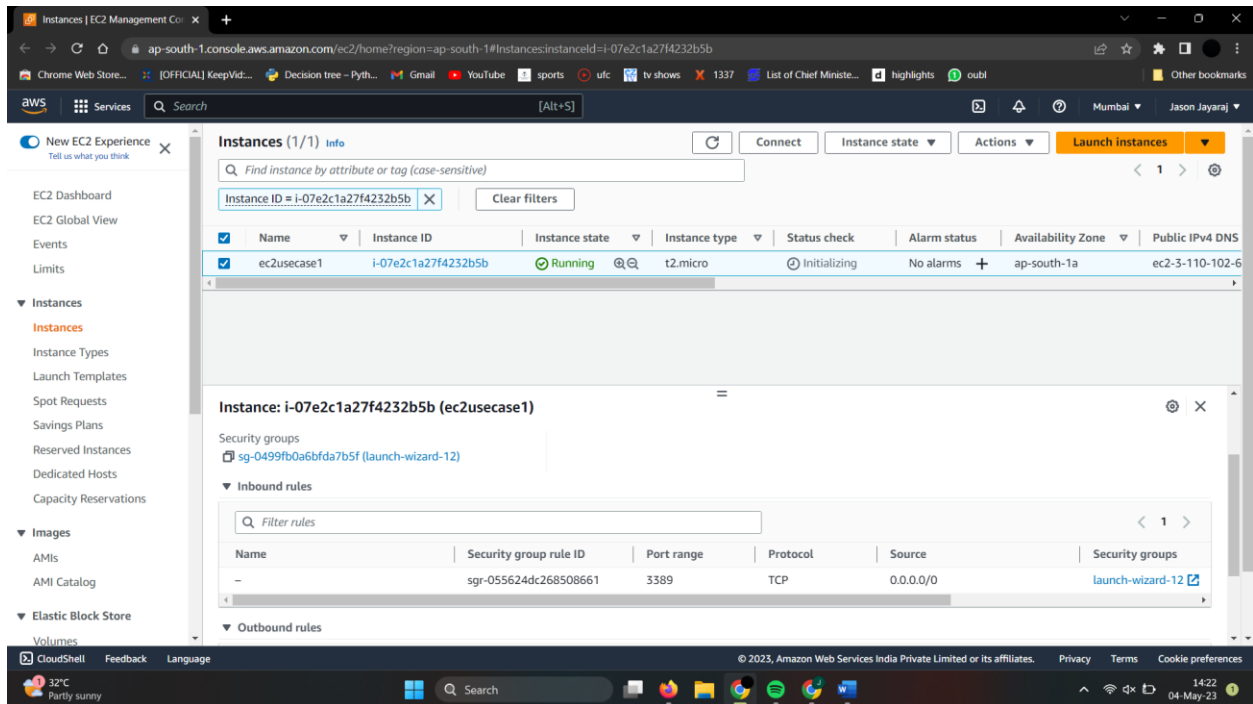
Instance: i-07e2c1a27f4232b5b (ec2usecase1)

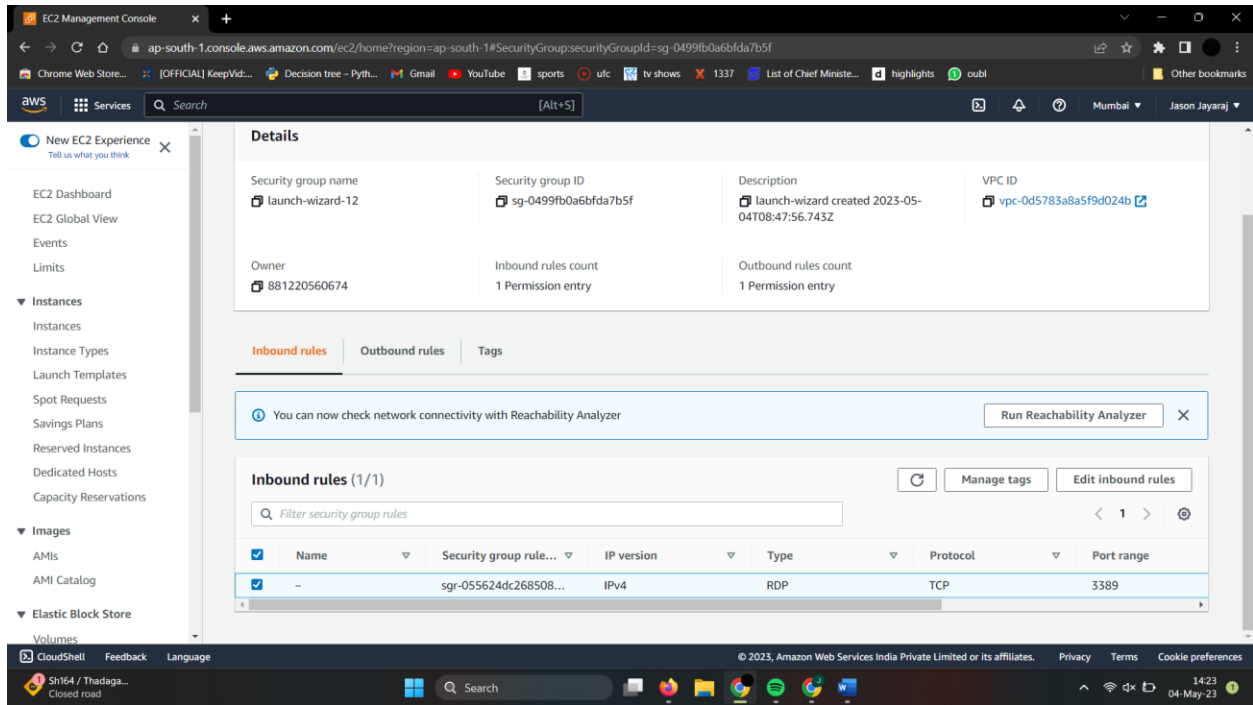
- Platform: windows
- Platform details: Windows
- Stop protection: Disabled
- Instance auto-recovery: Default
- AMI ID: ami-06c2ec1ceac22e8d6
- AMI name: Windows_Server-2022-English-Full-Base-2023.04.12
- Launch time: Thu May 04 2023 14:20:59 GMT+0530 (India Standard Time) (1 minute)
- Lifecycle: normal
- Monitoring: disabled
- Termination protection: Disabled
- AMI location: amazon/Windows_Server-2022-English-Full-Base-2023.04.12
- Stop-hibernate behavior: disabled

C.



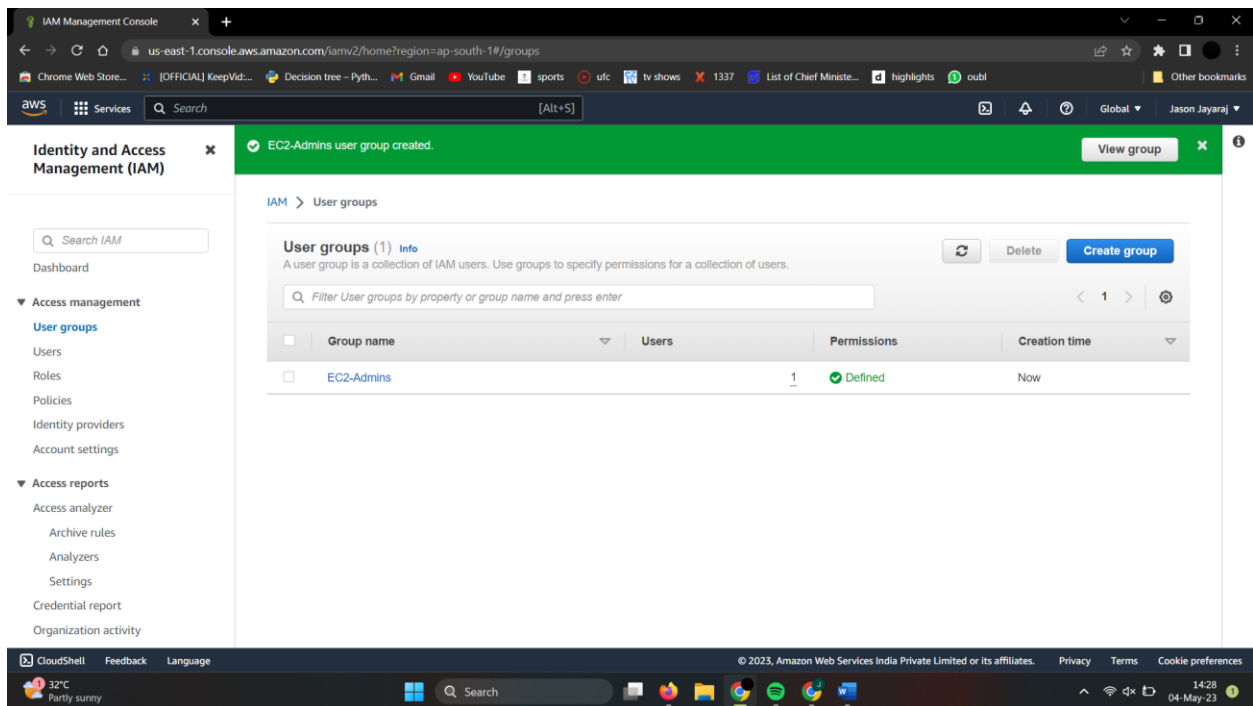
D.





Question 3:

A.



B.

Identity and Access Management (IAM)

Users (1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Find users by username or access key

User name	Groups	Last activity	MFA	Password age	Active key age
EC2Admin1	EC2-Admins	Never	None	None	-

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences 32°C Partly sunny 14:28 04-May-23

C.

Identity and Access Management (IAM)

Groups (1) Info

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Search

User name	Groups	Last activity	Creation time
EC2Admin1	0	None	1 minute ago

Attach permissions policies - Optional (Selected 1/843) Info

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. 2 matches

"FullAccess*" "EC2*" Clear filters

Policy name	Type	Description
AmazonEC2FullAccess	AWS managed	Provides full access to Amazon EC2 via the AWS Management ...
AmazonEC2ContainerRegistryFullAccess	AWS managed	Provides administrative access to Amazon ECR resources

Cancel Create group

CloudShell Feedback Language © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences 32°C Partly sunny 14:27 04-May-23

D.

The screenshot displays the AWS IAM Management Console in the 'us-east-1' region. The left sidebar shows the 'Identity and Access Management (IAM)' menu with options like 'Dashboard', 'User groups', 'Users', 'Roles', 'Policies', 'Identity providers', 'Account settings', 'Access reports', 'Access analyzer', 'Archive rules', 'Analyzers', 'Settings', 'Credential report', and 'Organizational activity'. The main content area is titled 'Create group' and shows a table with one user, 'EC2Admin1', with 0 groups and no last activity. Below this, the 'Attach permissions policies - Optional' section is active, showing a search for policies with 2 matches. The selected policies are 'AutoScalingFullAccess' and 'AutoScalingConsoleFullAccess'. The bottom of the console shows the 'Create group' button. The system tray at the bottom indicates the time is 14:27 on 04-May-23.

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access analyzer

Archive rules

Analyzers

Settings

Credential report

Organizational activity

An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS. A user can belong to up to 10 groups.

Search

User name	Groups	Last activity	Creation time
EC2Admin1	0	None	1 minute ago

Attach permissions policies - Optional (Selected 2/843) Info

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. 2 matches

"FullAccess" "AutoScaling" Clear filters

Policy name	Type	Description
AutoScalingFullAccess	AWS managed	Provides full access to Auto Scaling.
AutoScalingConsoleFullAccess	AWS managed	Provides full access to Auto Scaling via the AWS Management C...

Cancel Create group

CloudShell Feedback Language

© 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

32°C Partly sunny

Search

14:27 04-May-23