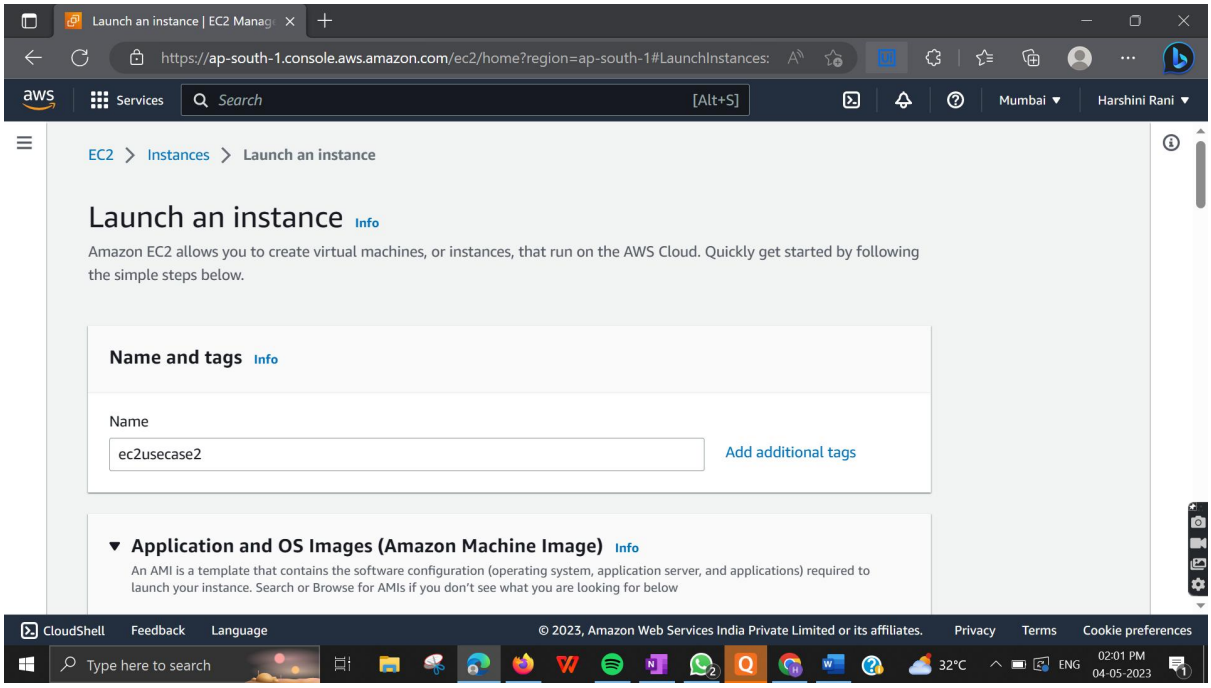
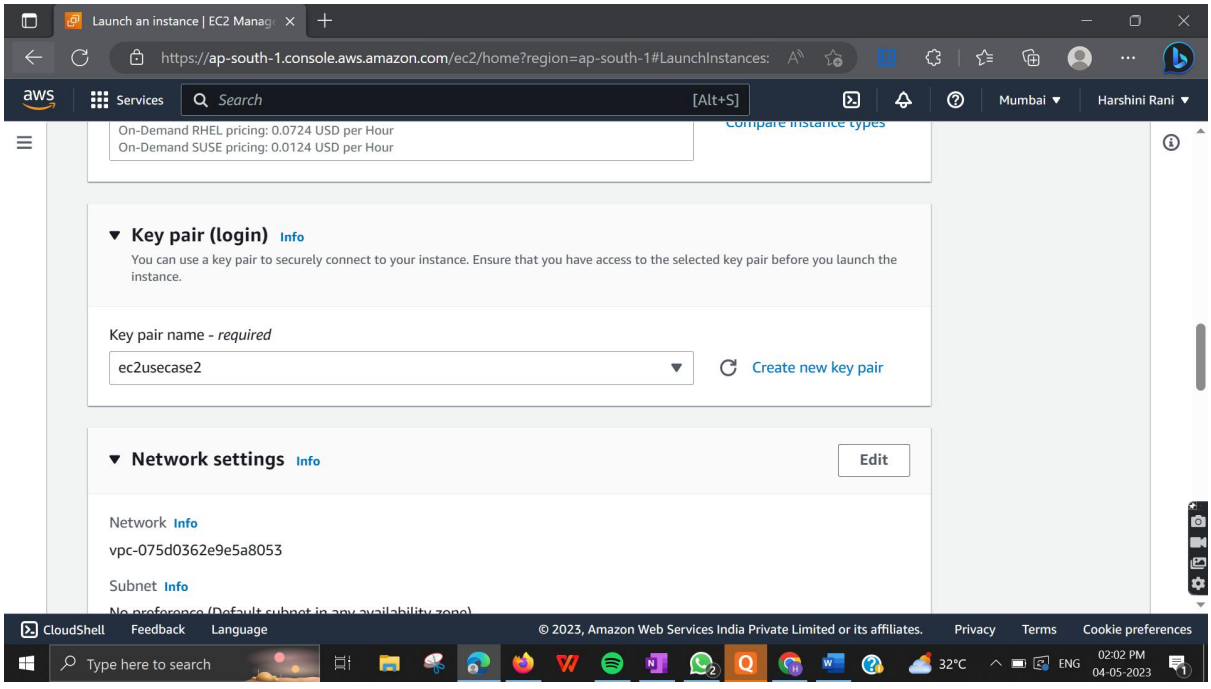
CIA – 1

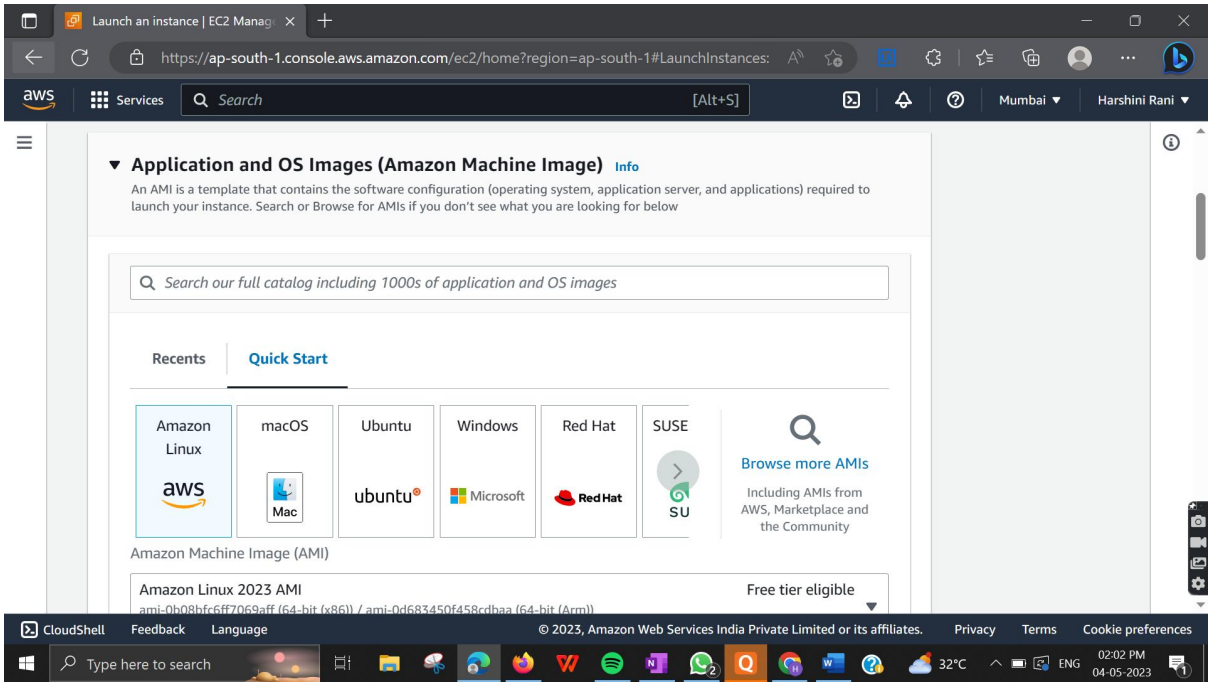
727721EUIT053 HARSHINI M
04.05.2023

1.

Create an EC2 instance with the following requirements.






Launch an instance | EC2 Manag
https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Services
Search
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Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
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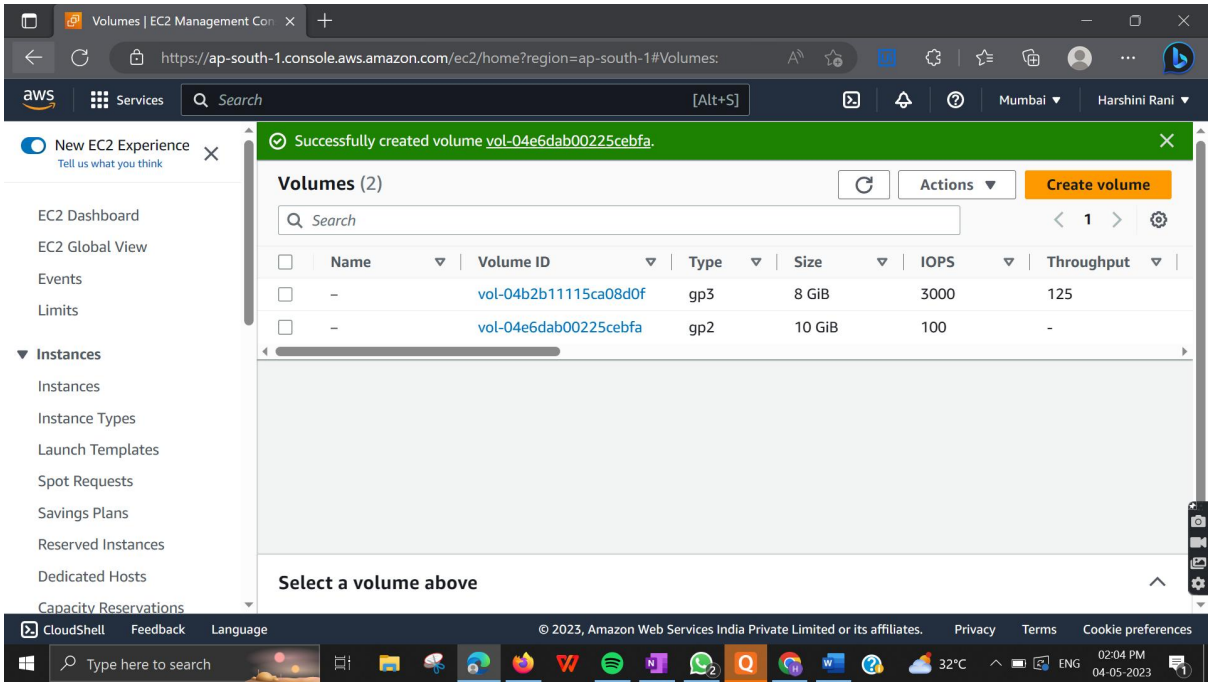
Volumes | EC2 Management Con
https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Volumes:
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New EC2 Experience
Tell us what you think
Successfully created volume vol-04e6dab00225cebfa.
EC2 Dashboard
EC2 Global View
Events
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Volumes (2)
Actions
Create volume
Search
Name
Volume ID
Type
Size
IOPS
Throughput
– vol-04b2b11115ca08d0f gp3 8 GiB 3000 125
– vol-04e6dab00225cebfa gp2 10 GiB 100 -
Select a volume above
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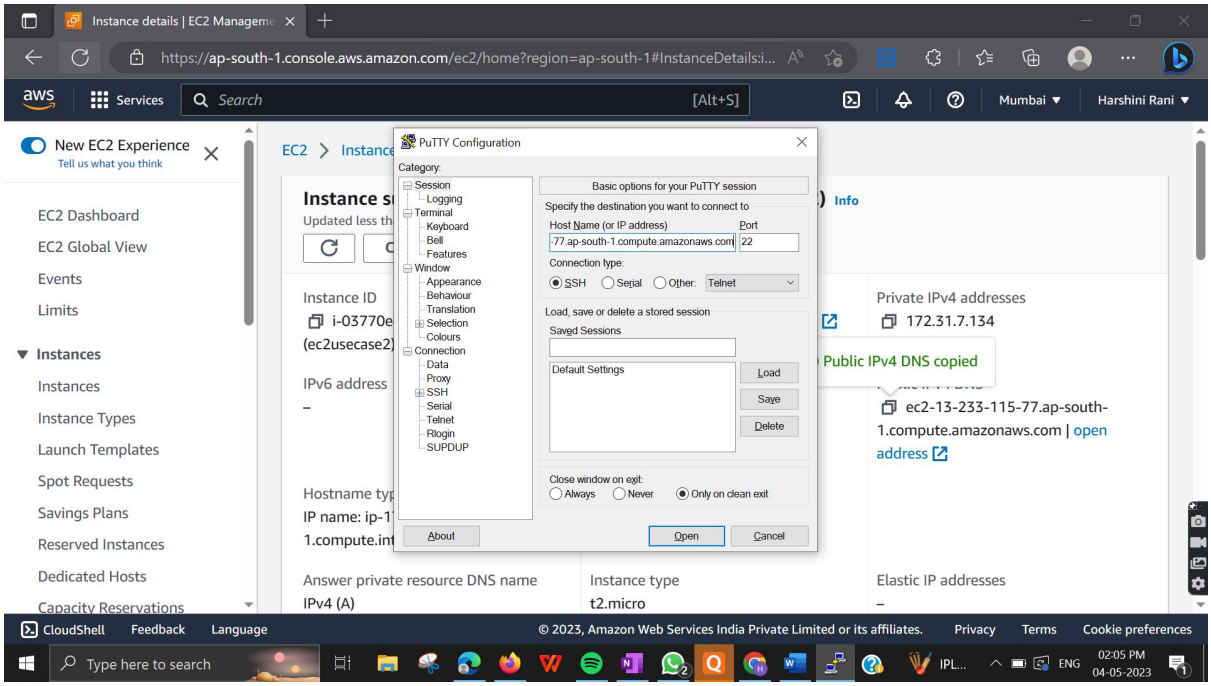
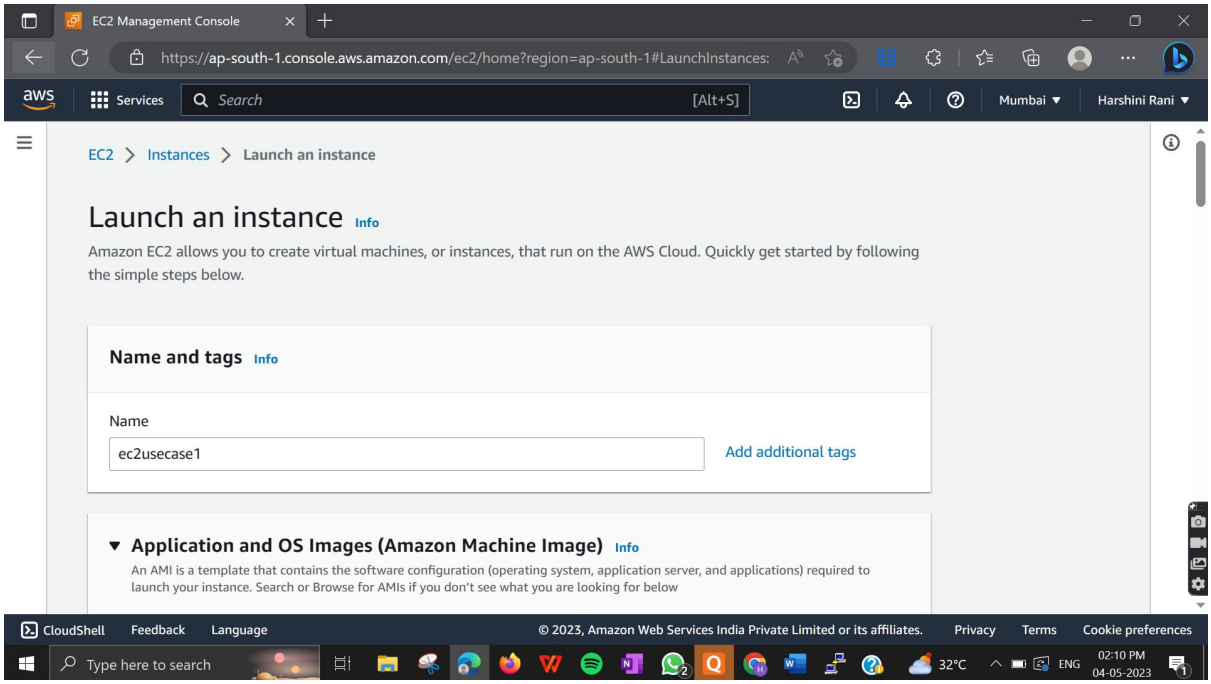
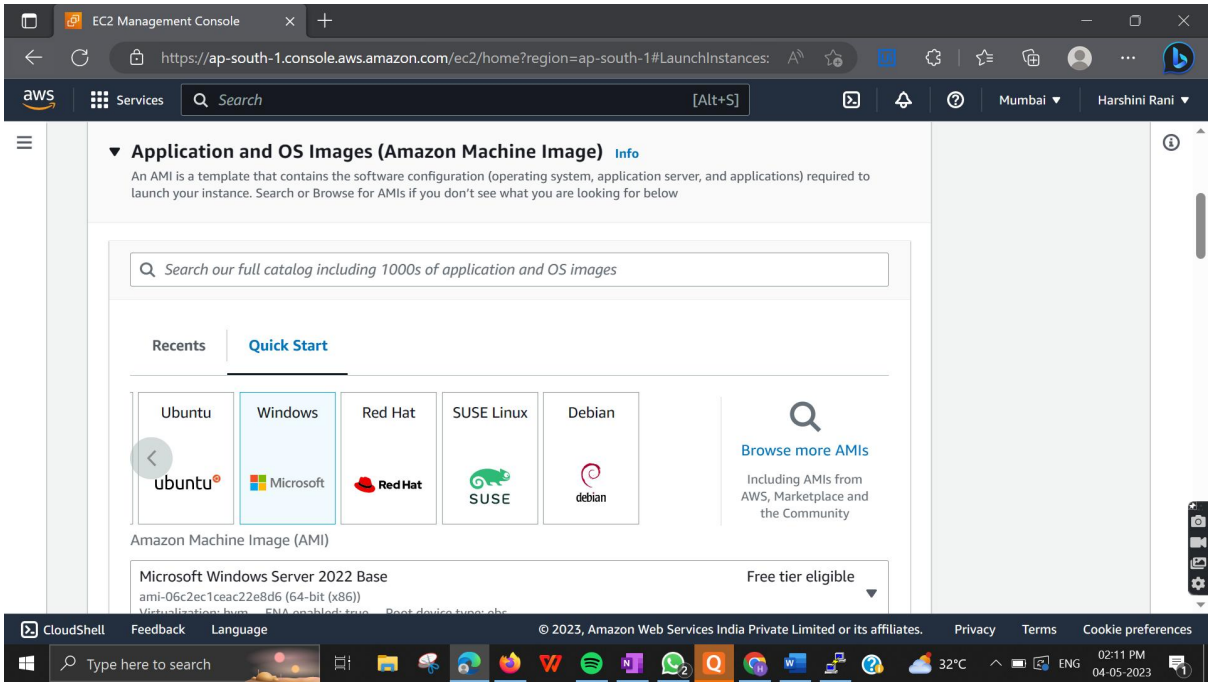


2.

Create an EC2 Instance in the given AWS account with the following requirements.




EC2 Management Console
https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
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Microsoft Windows Server 2022 Base
ami-06c2ec1ceac22e8d6 (64-bit (x86))
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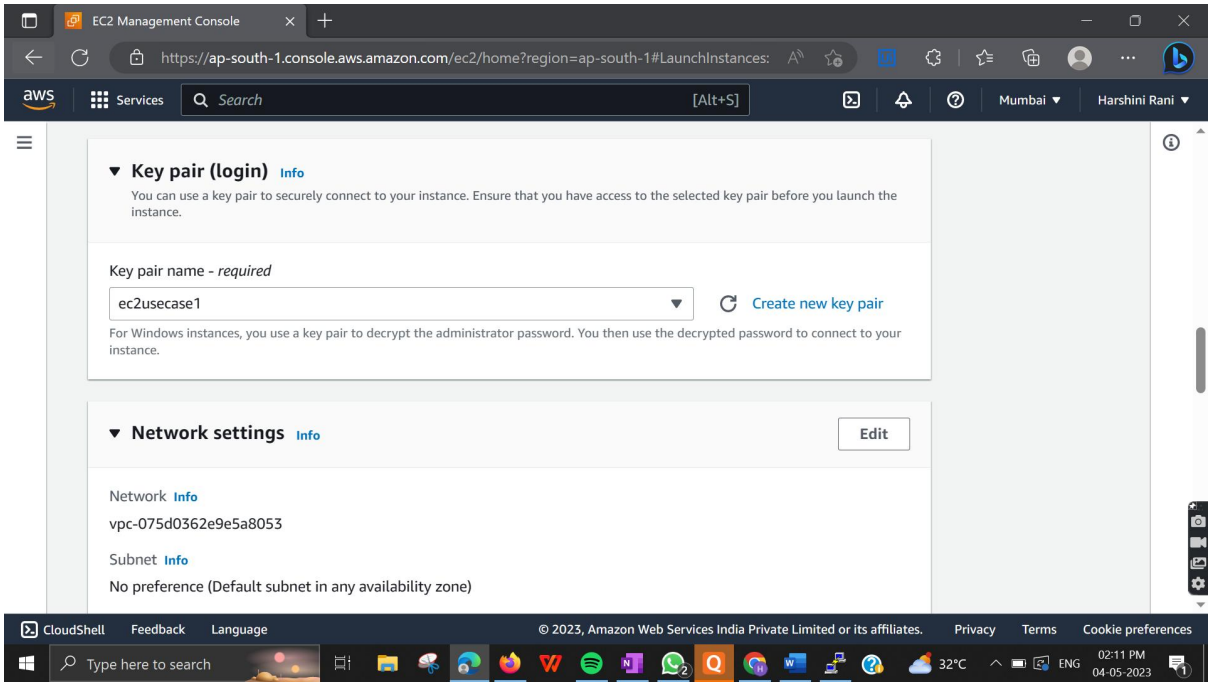
EC2 Management Console
https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
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Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
ec2usecase1
Create new key pair
For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.
Network settings Info
Edit
Network Info
vpc-075d0362e9e5a8053
Subnet Info
No preference (Default subnet in any availability zone)
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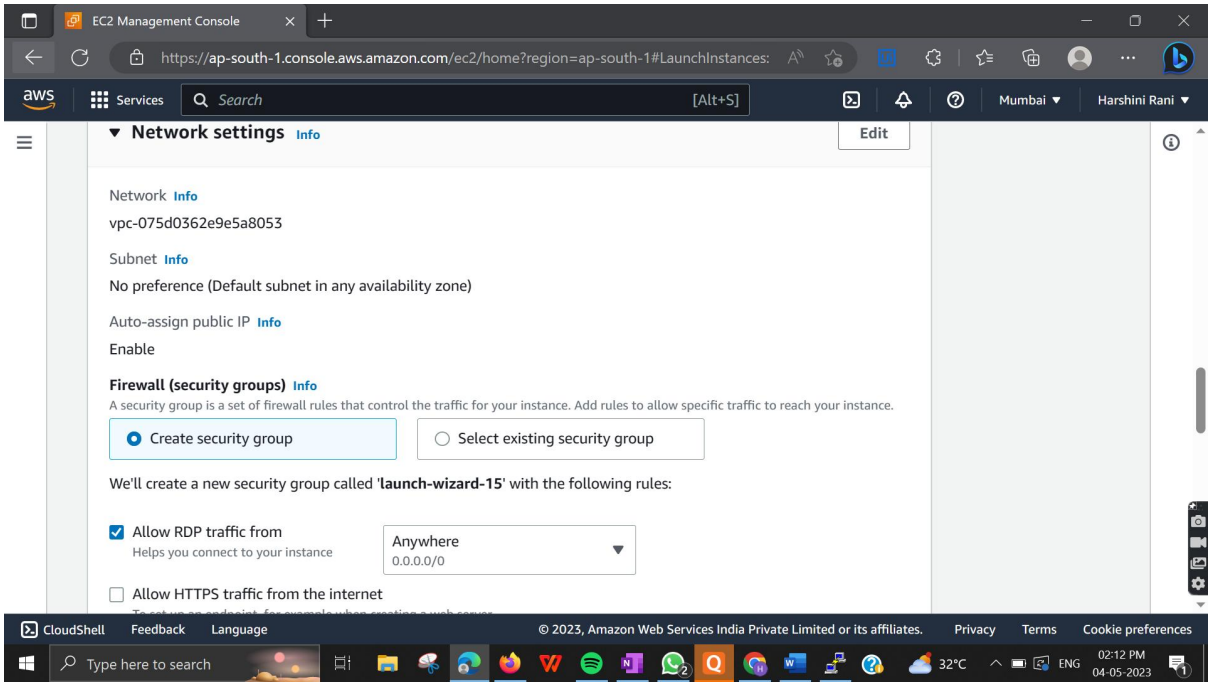
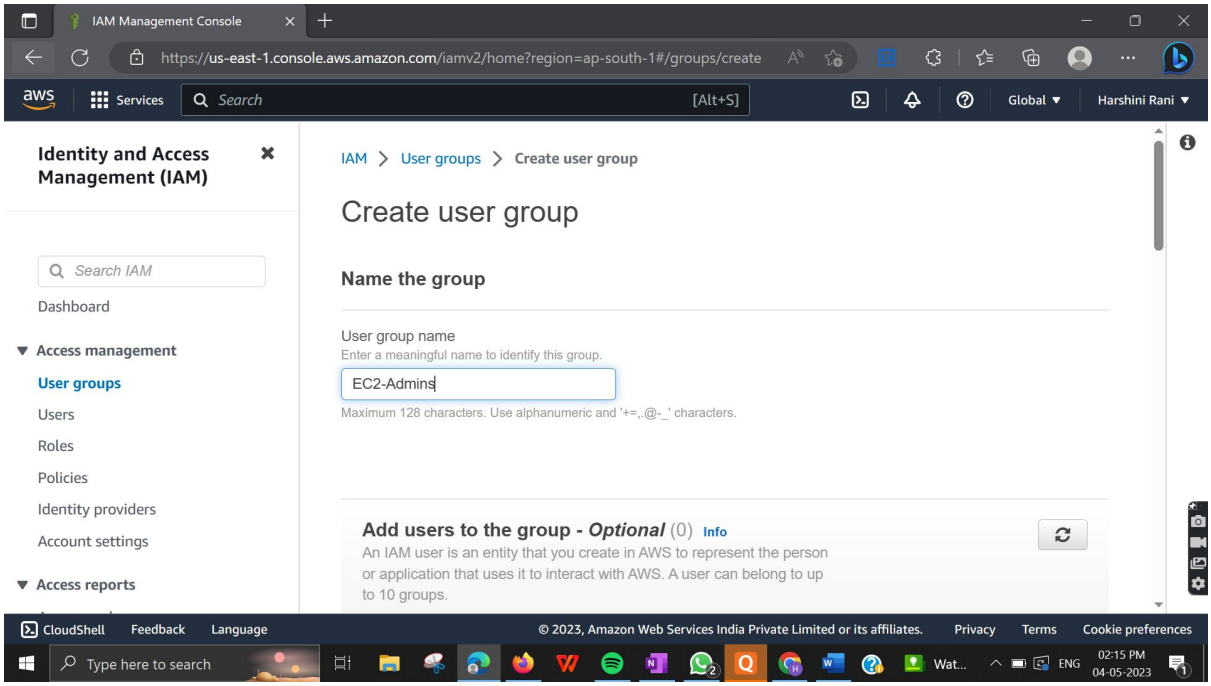
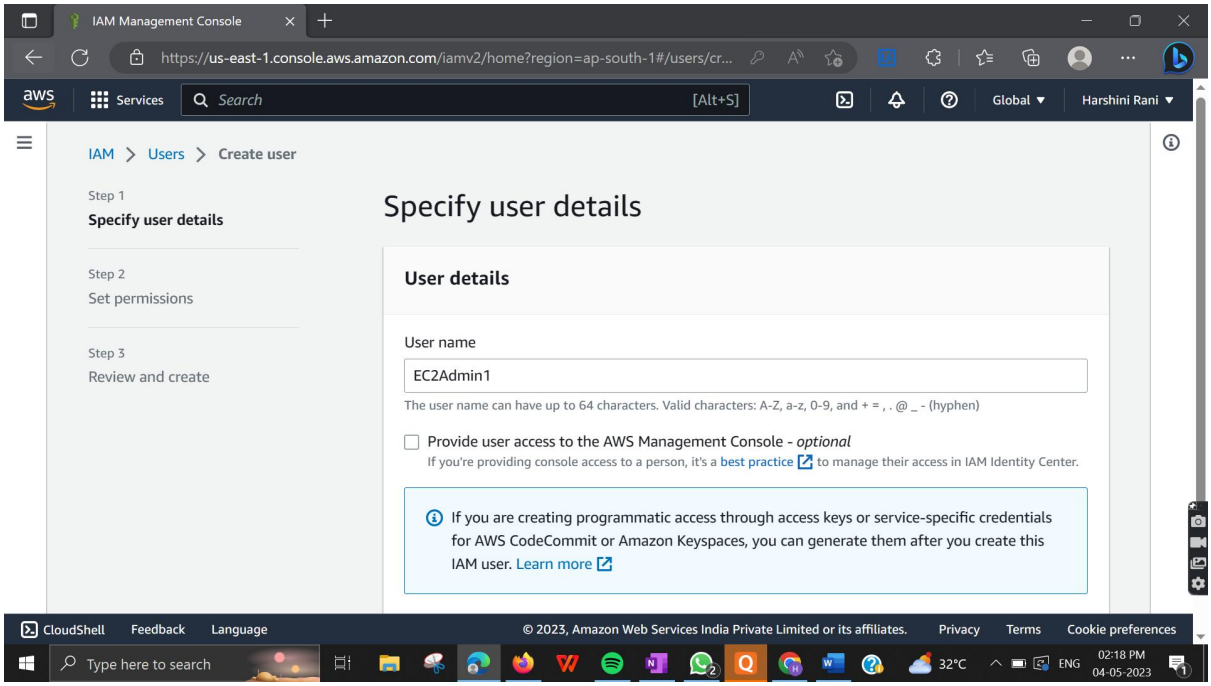


3.

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




IAM Management Console
https://us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/users/cr...
aws
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Global
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IAM > Users > Create user
Step 1
Specify user details
Step 2
Set permissions
Step 3
Review and create
Specify user details
User details
User name
EC2Admin1
The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)
Provide user access to the AWS Management Console - optional
If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.
If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. Learn more
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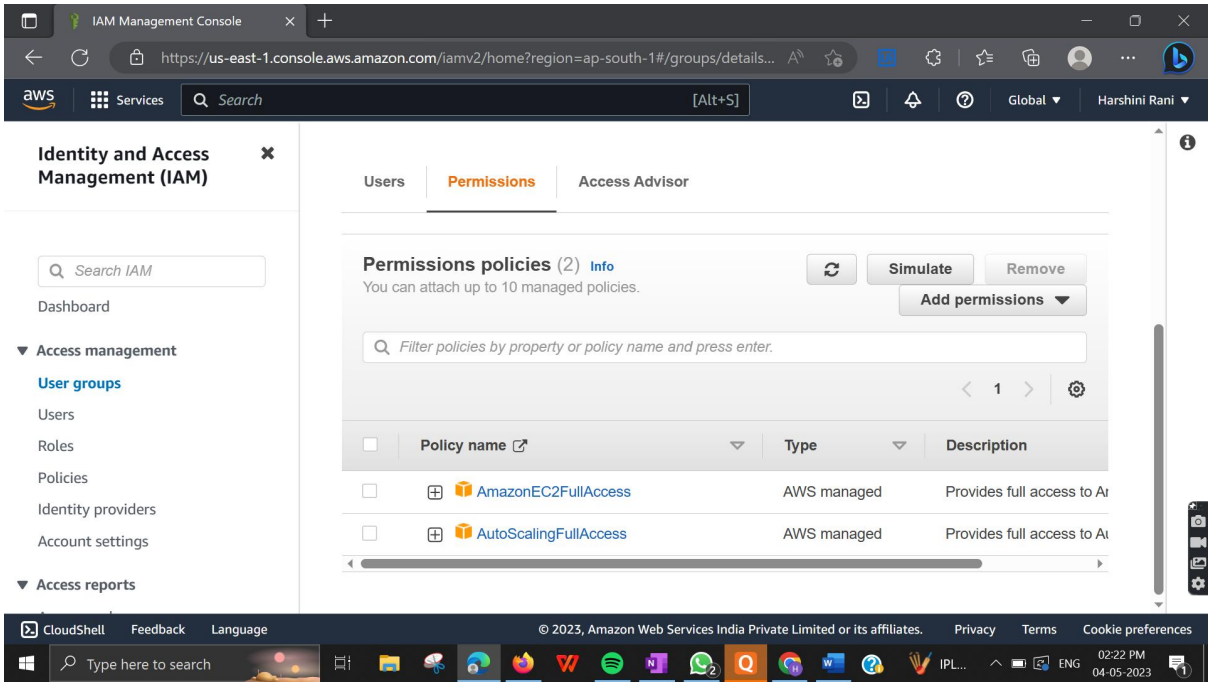
IAM Management Console
https://us-east-1.console.aws.amazon.com/iamv2/home?region=ap-south-1#/groups/details...
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Identity and Access Management (IAM)
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User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Users
Permissions
Access Advisor
Permissions policies (2) Info
You can attach up to 10 managed policies.
Simulate
Remove
Add permissions
Filter policies by property or policy name and press enter.
1
Policy name
Type
Description
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AWS managed
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