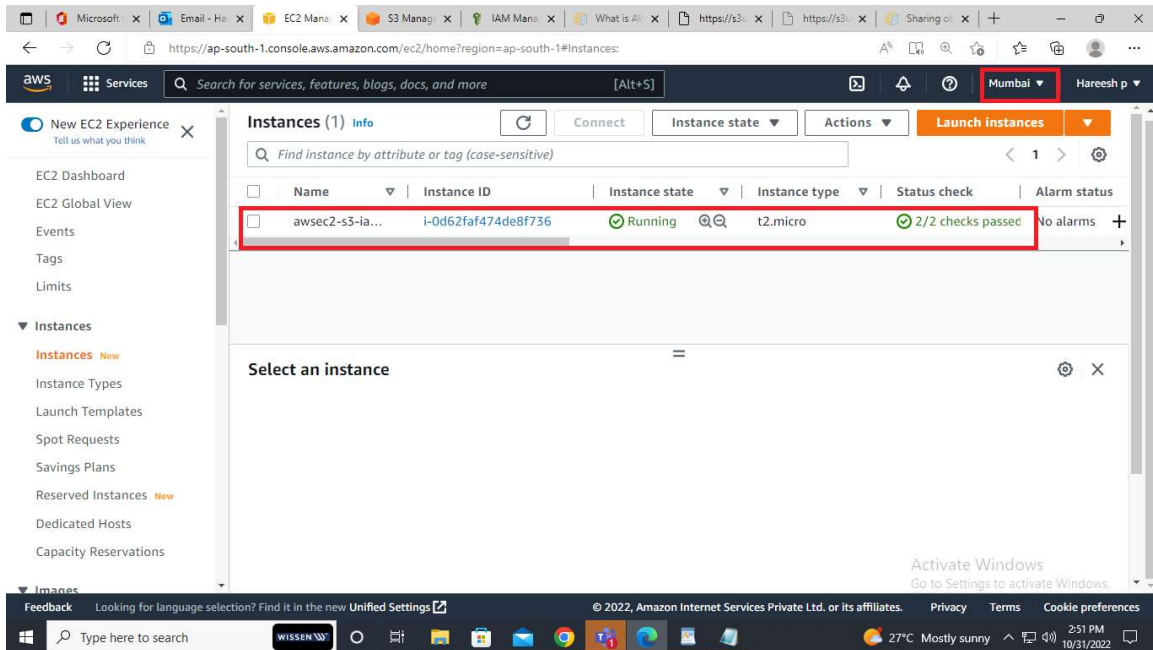
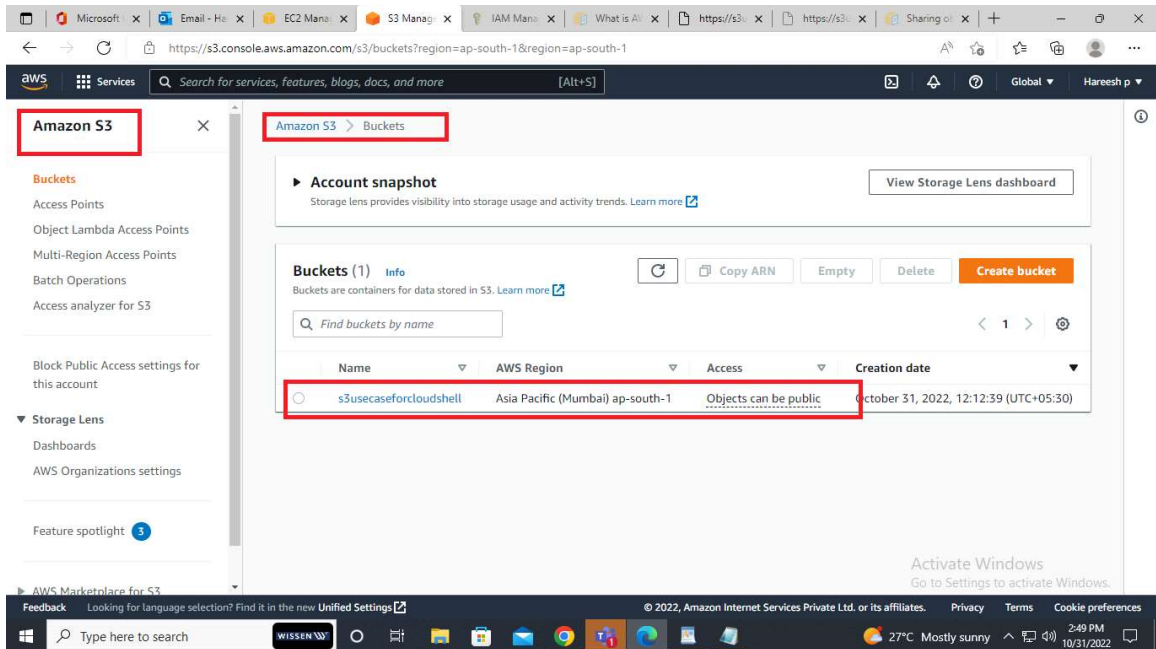


aws s3 integration with ec2 by using IAM role

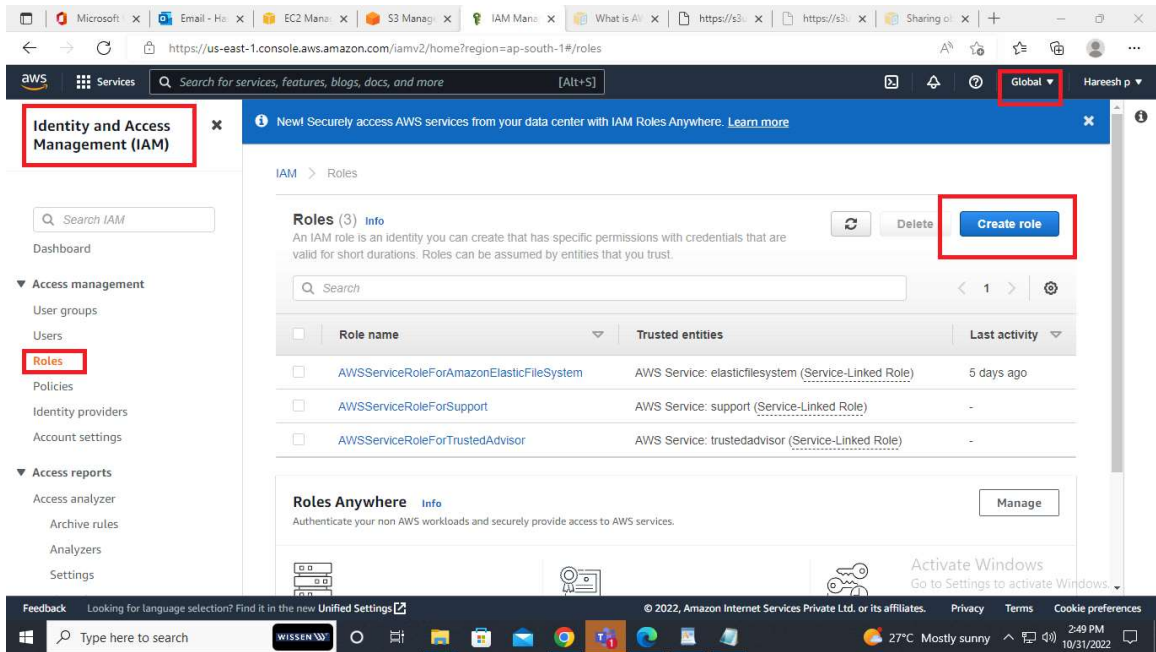
- create a ec2 instatnt

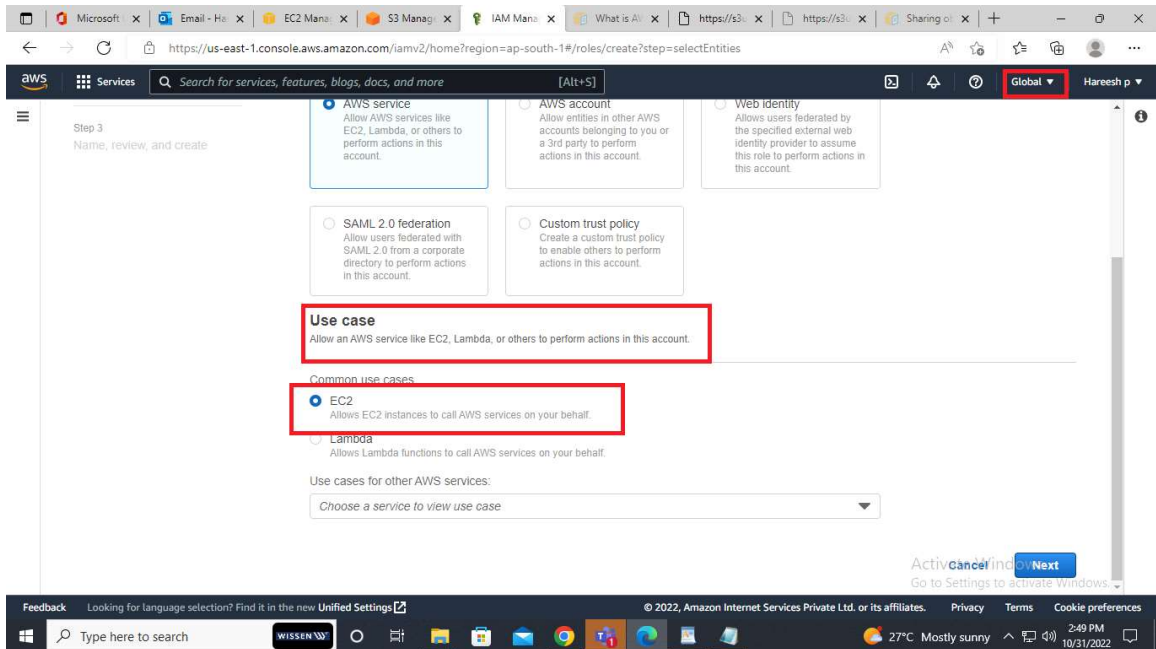


- create a s3 bucket
- make it in public

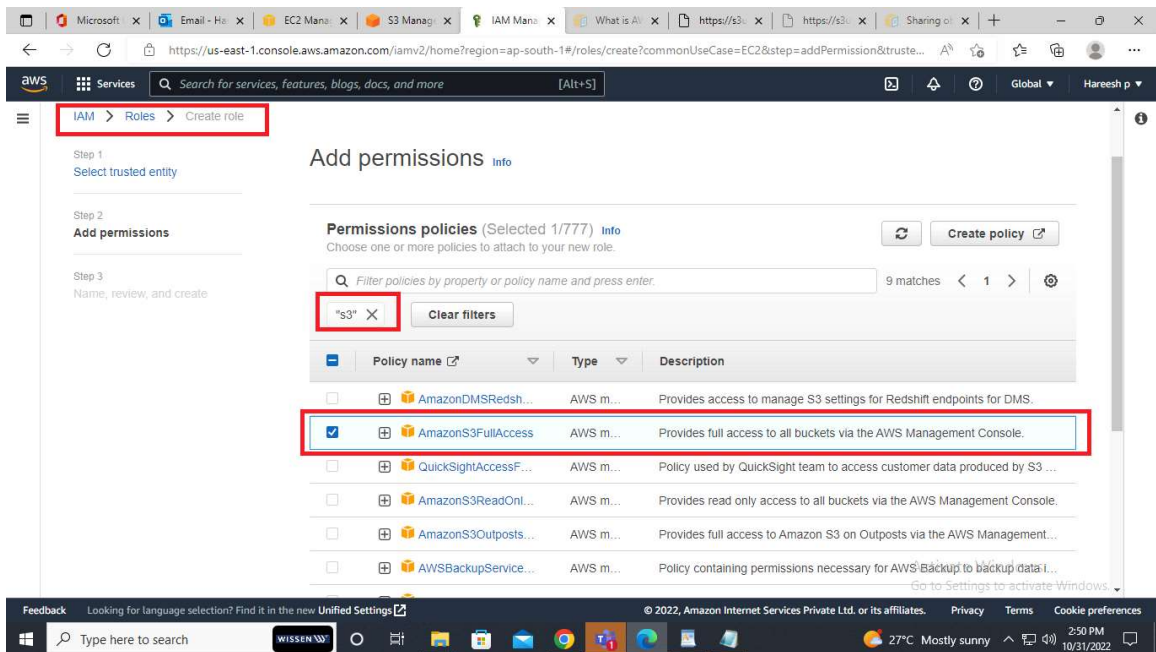


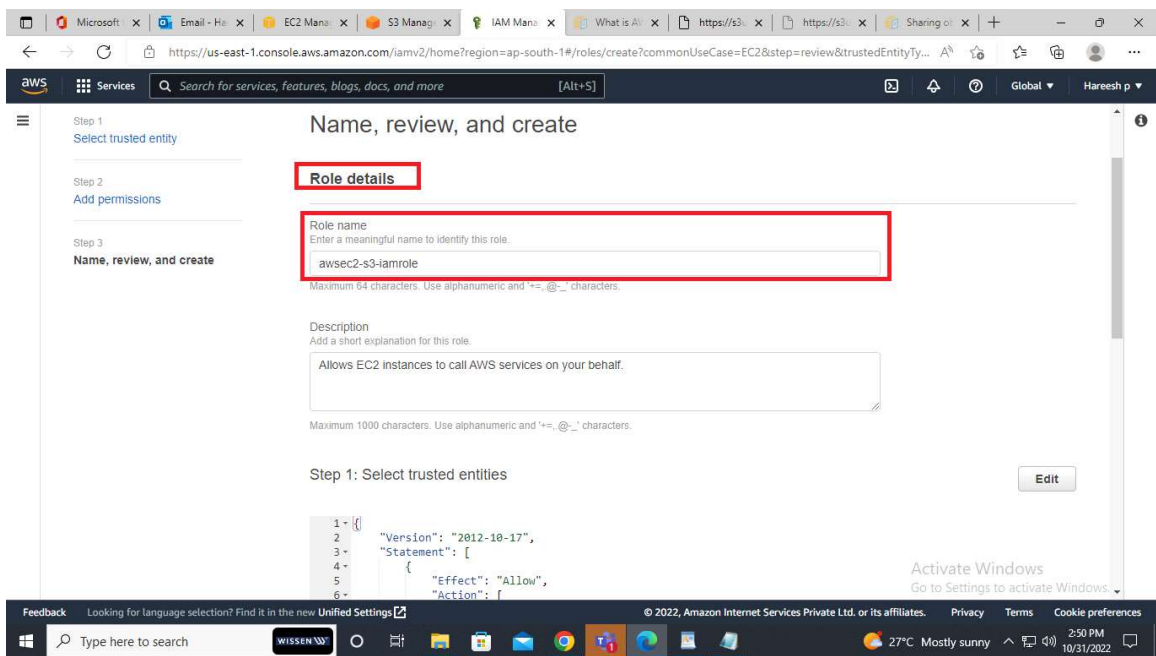
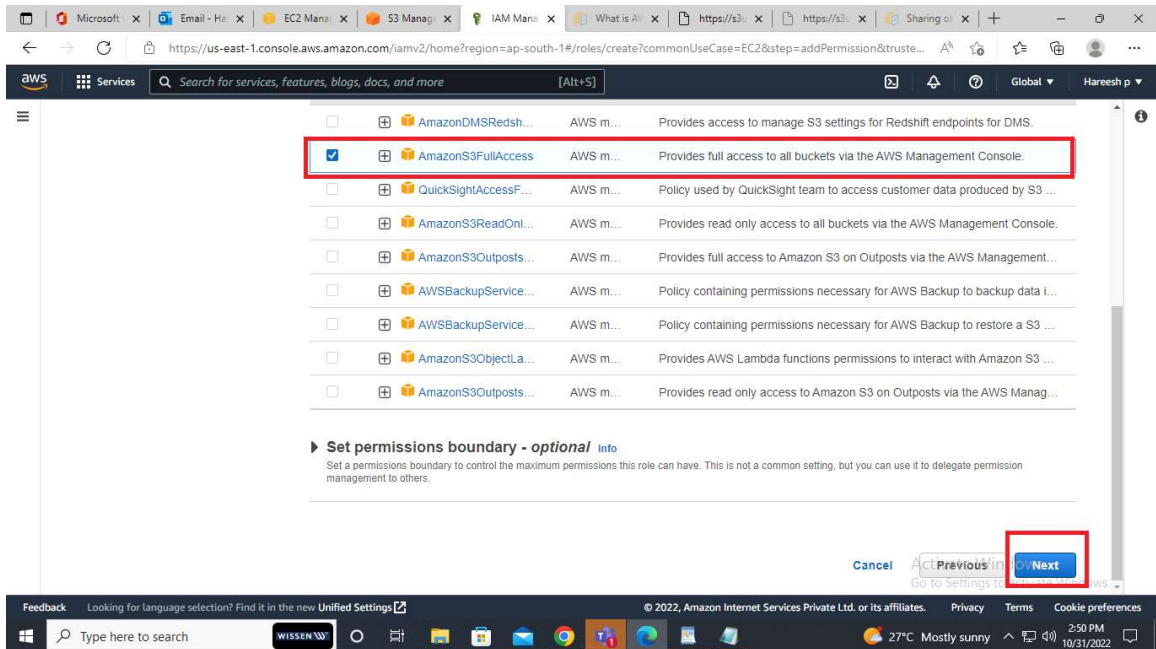
- create a IAM role

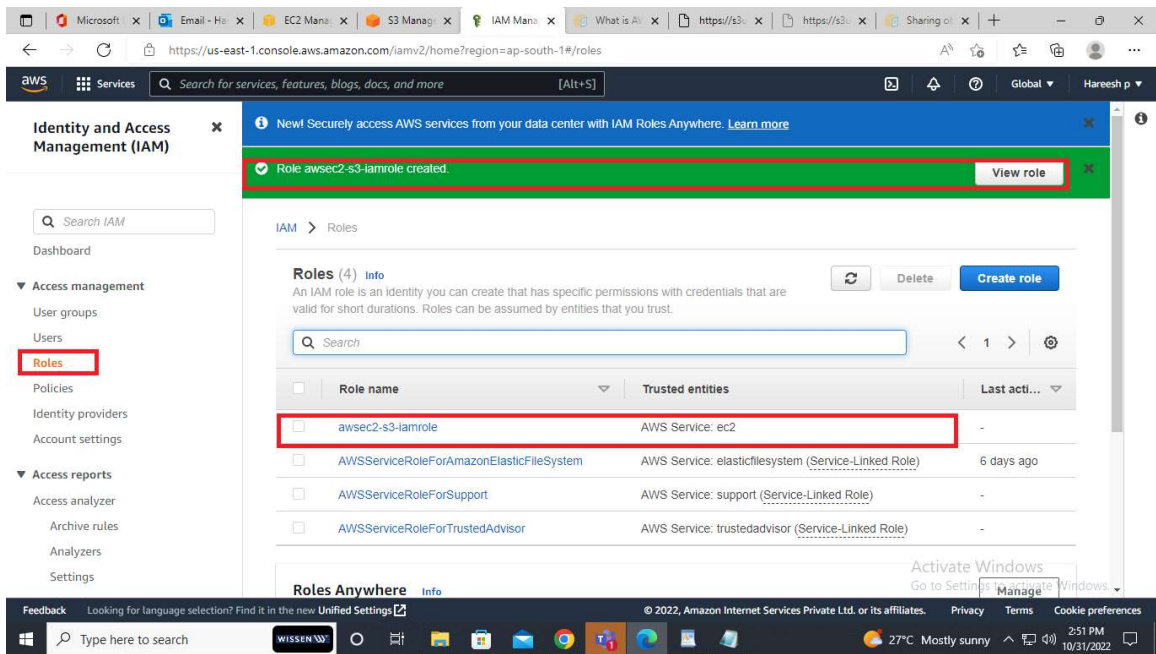
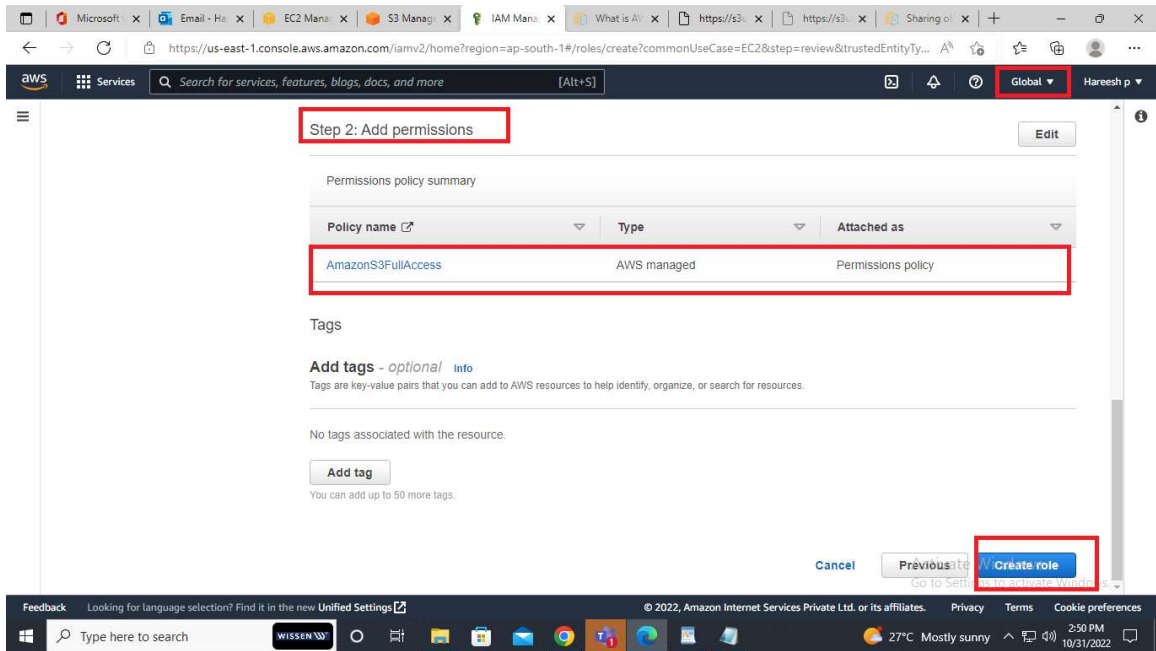




- Add permissions and create a policy
- take s3 full access permission







- select the instance and click on actions to modify the IAM role
- Attach IAM role to the instance

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

aws Services Search for services, features, blogs, docs, and more [Alt+S] Mumbai Hareesh p

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Events
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Instances
Instances New
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Savings Plans
Reserved Instances New
Dedicated Hosts
Capacity Reservations

Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type
awsec2-s3-ia...	i-0d62faf474de8f736	Running	t2.micro

Actions

- Connect
- View details
- Manage instance state
- Instance settings
- Networking
- Security
- Image and templates
- Monitor and troubleshoot

Change security groups
Get Windows password
Modify IAM role

Instance: i-0d62faf474de8f736 (awsec2-s3-iamrole)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary info

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0d62faf474de8f736 (awsec2-s3-iamrole)	65.2.143.219 open address	172.31.37.59

IPv6 address
Instance state: Running
Public IPv4 DNS: activate Windows

Feedback Looking for language selection? Find it in the new Unified Settings

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https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstanceinstanceId=i-0d62faf474de8f736

aws Services Search for services, features, blogs, docs, and more [Alt+S] Mumbai Hareesh p

EC2 > Instances > i-0d62faf474de8f736

Connect to instance

Connect to your instance i-0d62faf474de8f736 (awsec2-s3-iamrole) using any of these options

EC2 Instance Connect Session Manager SSH client EC2 serial console

Instance ID
i-0d62faf474de8f736 (awsec2-s3-iamrole)

Public IP address
65.2.143.219

User name
ec2-user

Connect using a custom user name, or use the default user name ec2-user for the AMI used to launch the instance.

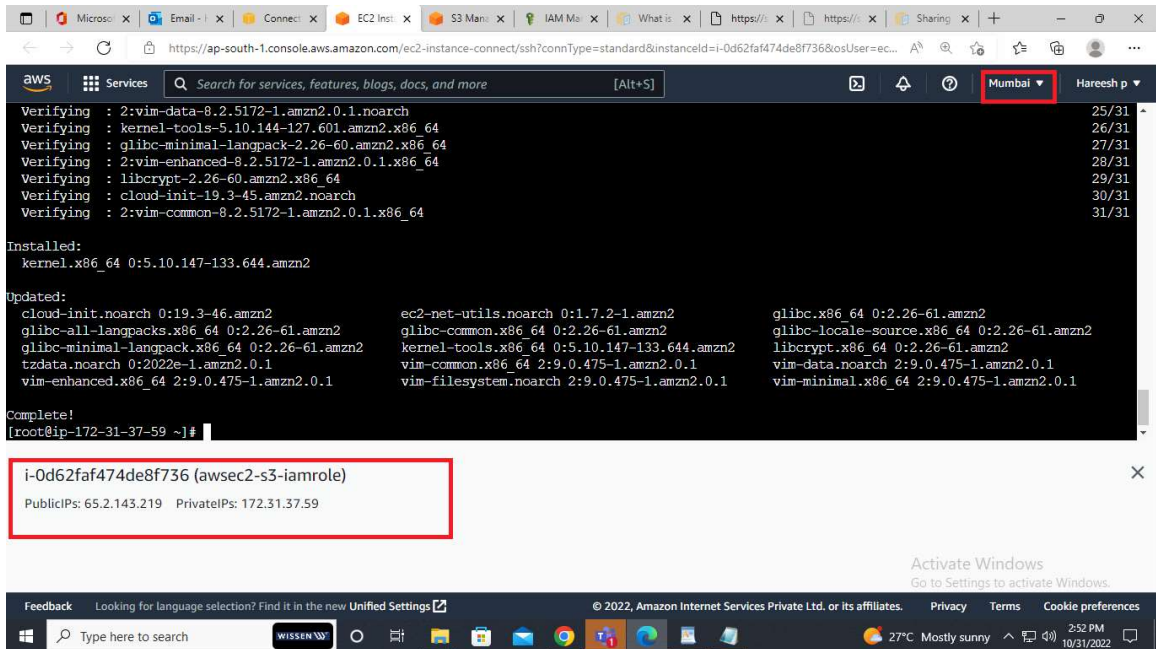
Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Activate Windows
Go to Settings to activate Windows.

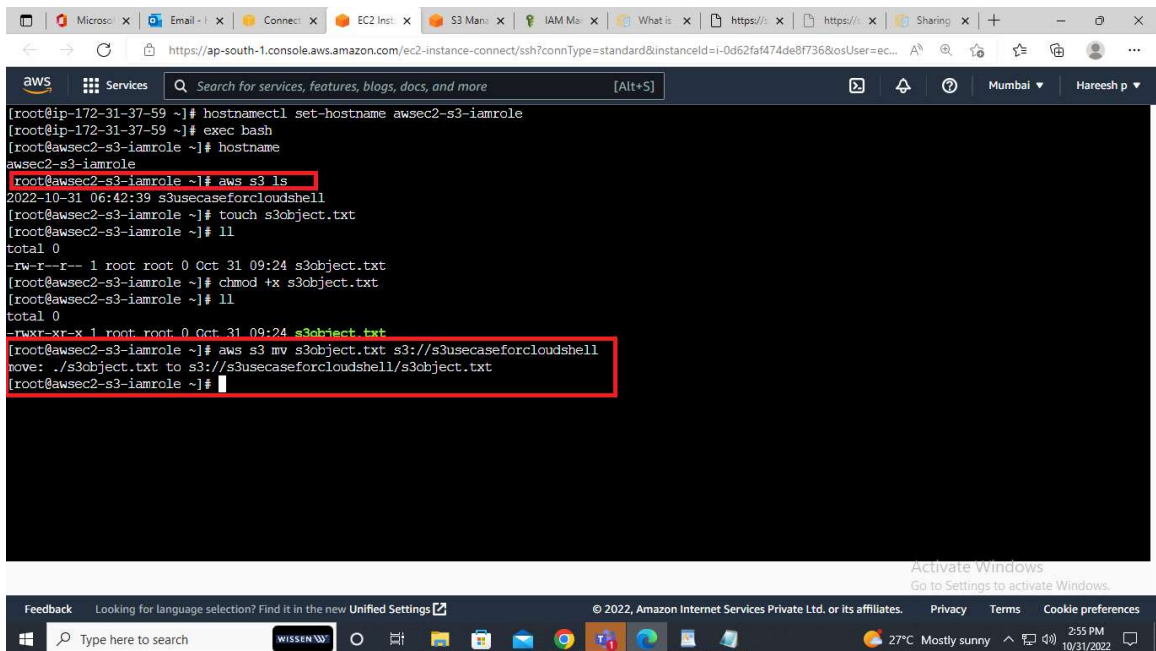
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- connect to the ec2 terminal and create a file using CLI
- MOVE that file to aws s3 bucket



- check the dash board of s3 and go inside of the bucket and check the file

Amazon S3 console screenshot showing the bucket `s3usecaseforcloudshell`. The breadcrumb navigation path is `Amazon S3 > Buckets > s3usecaseforcloudshell`. The `Objects` tab is selected, displaying a table of objects. The table contains one object, `s3object.txt`, with a size of 0 B and storage class `Standard`. The object's last modified date is October 31, 2022, 14:55:18 (UTC+05:30). The `Actions` dropdown menu is open, showing options like `Move`, `Initiate restore`, `Query with S3 Select`, `Edit actions`, `Rename object`, `Edit storage class`, `Edit server-side encryption`, `Edit metadata`, `Edit tags`, `Make public using ACL`, and `Actions`.

Name	Type	Last modified	Size	Storage class
s3object.txt	txt	October 31, 2022, 14:55:18 (UTC+05:30)	0 B	Standard

Amazon S3 console screenshot showing the bucket `s3usecaseforcloudshell`. The breadcrumb navigation path is `Amazon S3 > Buckets > s3usecaseforcloudshell`. The `Objects` tab is selected, displaying a table of objects. The table contains one object, `s3object.txt`, with a size of 0 B and storage class `Standard`. The object's last modified date is October 31, 2022, 14:55:18 (UTC+05:30). The `Actions` dropdown menu is open, showing options like `Move`, `Initiate restore`, `Query with S3 Select`, `Edit actions`, `Rename object`, `Edit storage class`, `Edit server-side encryption`, `Edit metadata`, `Edit tags`, `Make public using ACL`, and `Actions`.

Name	Type	Last modified	Size	Storage class
s3object.txt	txt	October 31, 2022, 14:55:18 (UTC+05:30)	0 B	Standard