

AWS COMMAND LINE INTERFACE

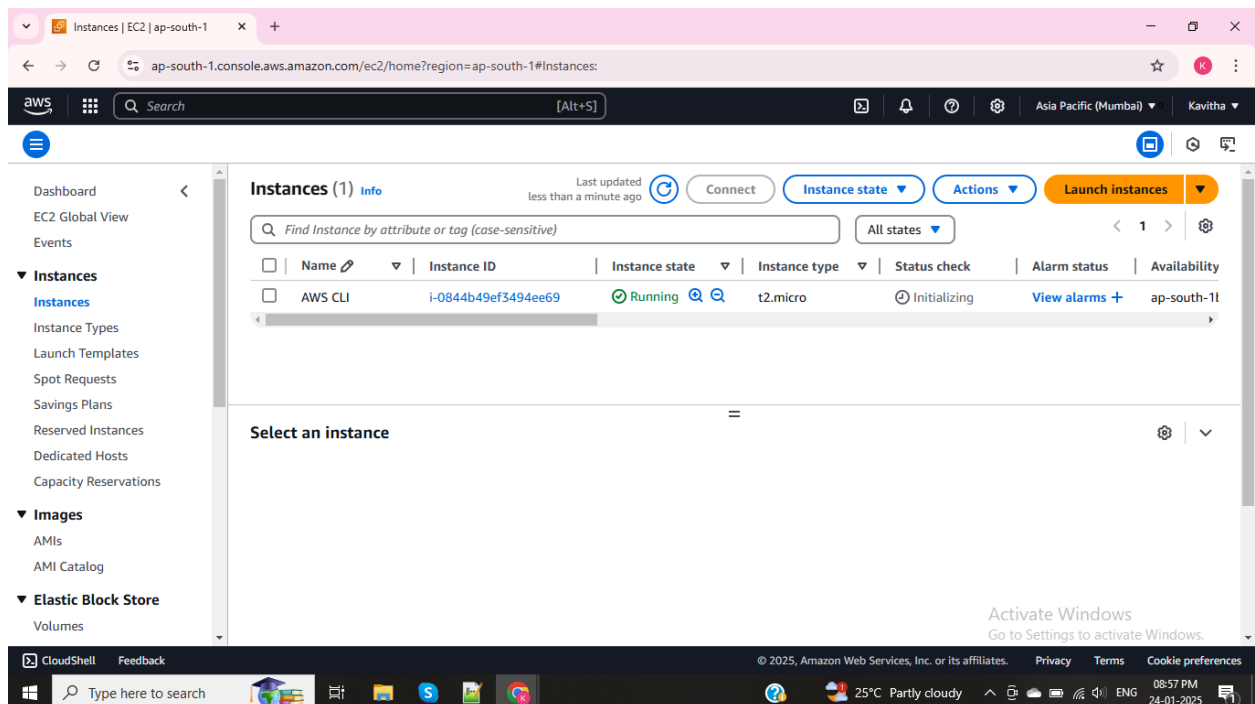
AWS Command Line Interface (CLI) is a tool that enables you to interact with AWS services directly from your command line. It allows developers, system administrators, and DevOps teams to automate AWS management tasks such as launching instances, managing S3 buckets, deploying applications, and more.

Key Features of AWS CLI:

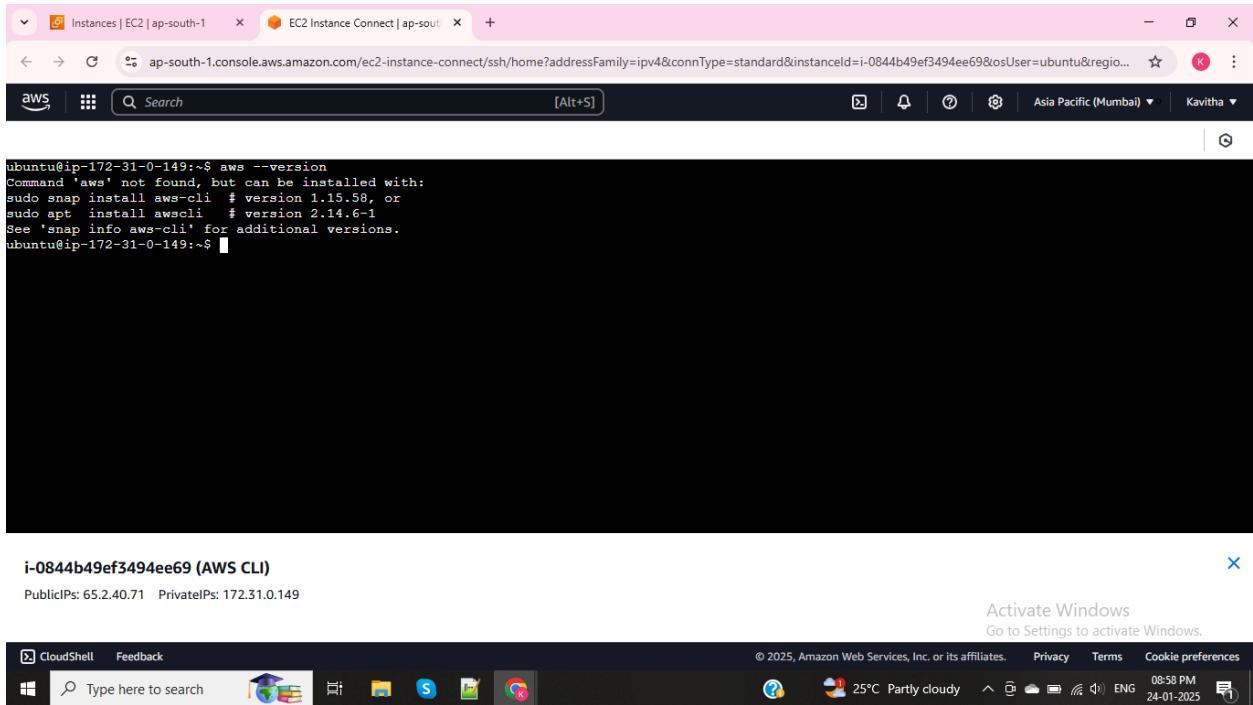
1. **Command-Line Access:** Manage AWS services via commands instead of the AWS Management Console.
2. **Automation:** Easily script and automate AWS tasks using shell scripts or batch files.
3. **Cross-Platform:** Works on Windows, macOS, and Linux.
4. **Extensive Functionality:** Supports all AWS services.
5. **JSON Output:** Provides results in a structured, machine-readable JSON format.

How to Access AWS CONSOLE Using AWS CLI

1. Create an EC2 instance and connect the instance.



2. Checking aws cli was already installed with **aws --version** command



```
ubuntu@ip-172-31-0-149:~$ aws --version
Command 'aws' not found, but can be installed with:
sudo snap install aws-cli # version 1.15.58, or
sudo apt install awscli # version 2.14.6-1
See 'snap info aws-cli' for additional versions.
ubuntu@ip-172-31-0-149:~$
```

i-0844b49ef3494ee69 (AWS CLI)

PublicIPs: 65.2.40.71 PrivateIPs: 172.31.0.149

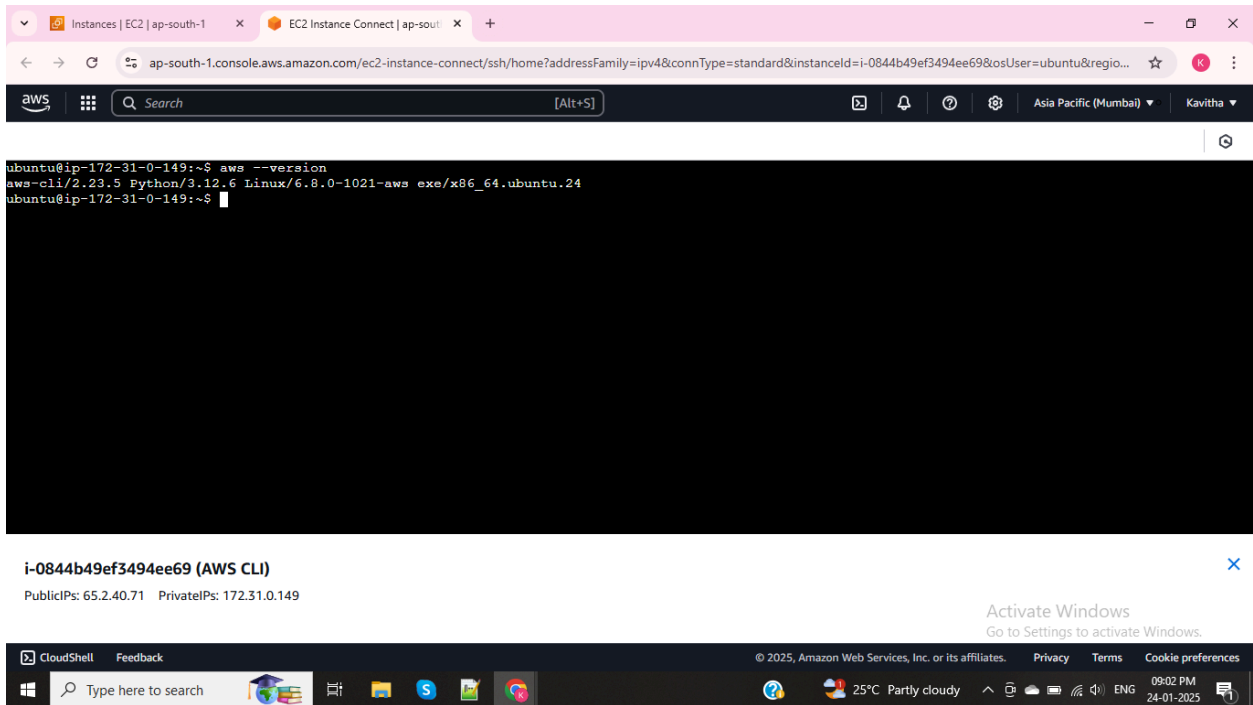
Activate Windows
Go to Settings to activate Windows.

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3. Installed AWS CLI by using AWS document commands --> check

aws --version



```
ubuntu@ip-172-31-0-149:~$ aws --version
aws-cli/2.23.5 Python/3.12.6 Linux/6.8.0-1021-aws exe/x86_64.ubuntu.24
ubuntu@ip-172-31-0-149:~$
```

i-0844b49ef3494ee69 (AWS CLI)

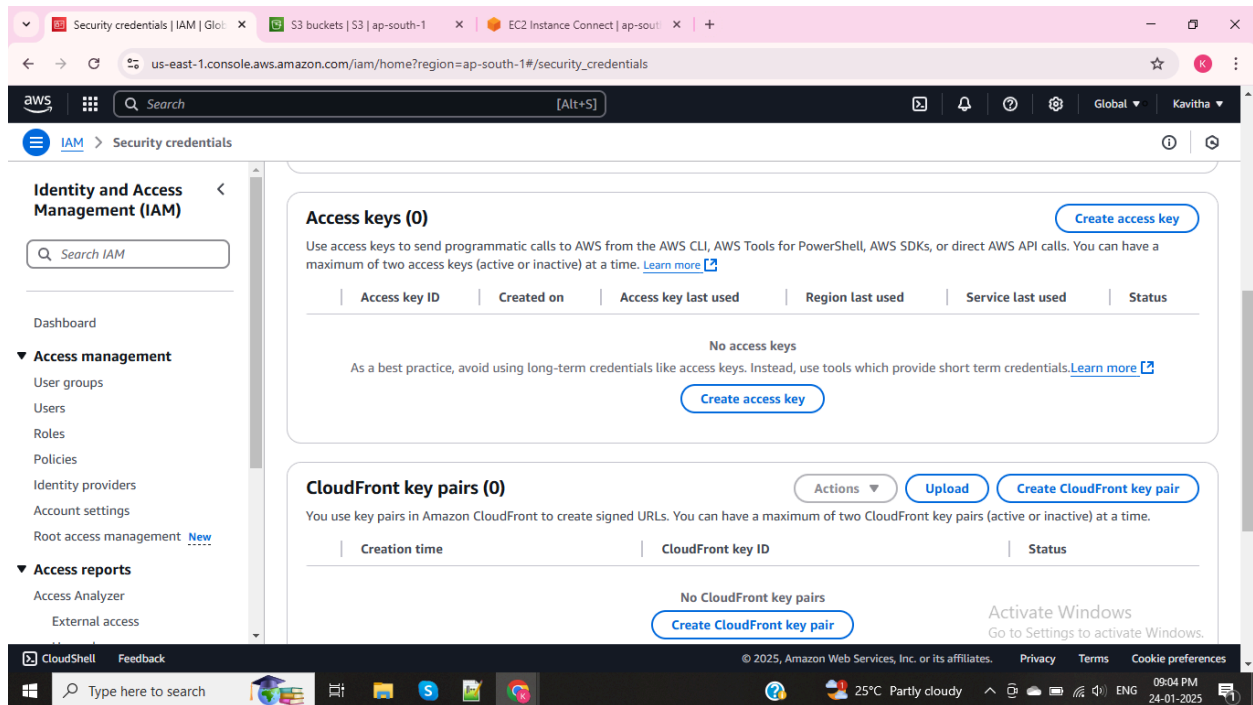
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Activate Windows
Go to Settings to activate Windows.

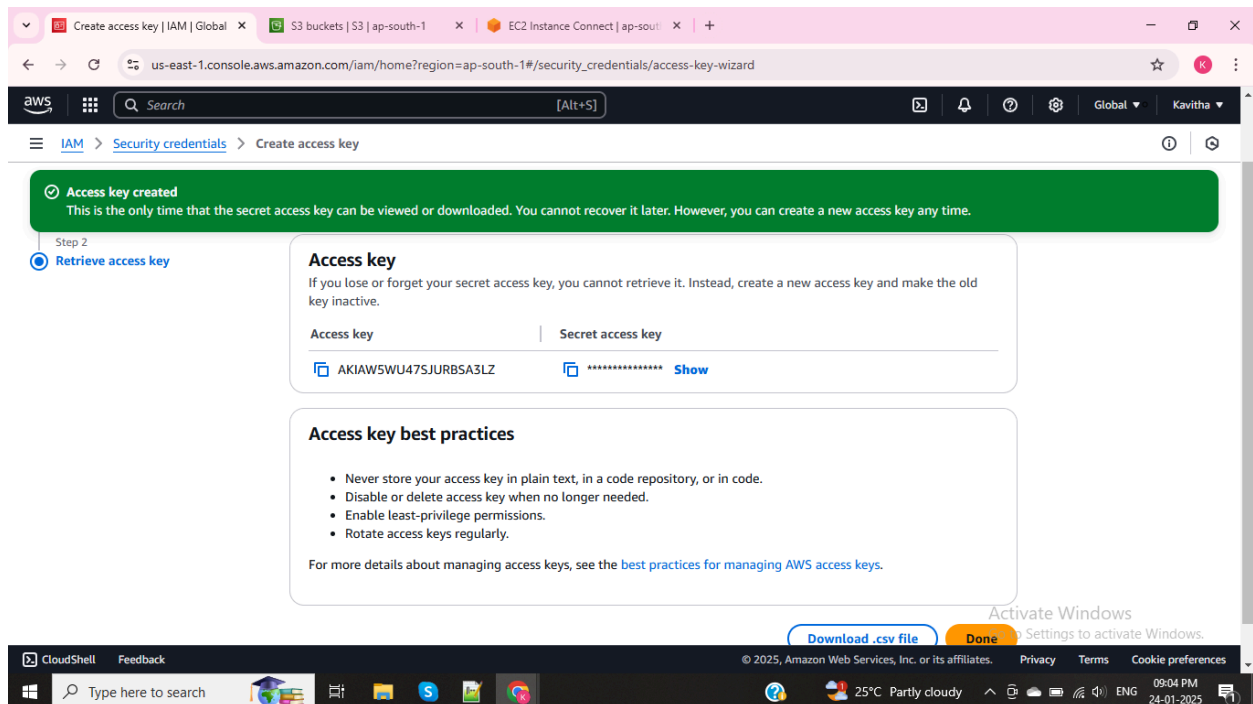
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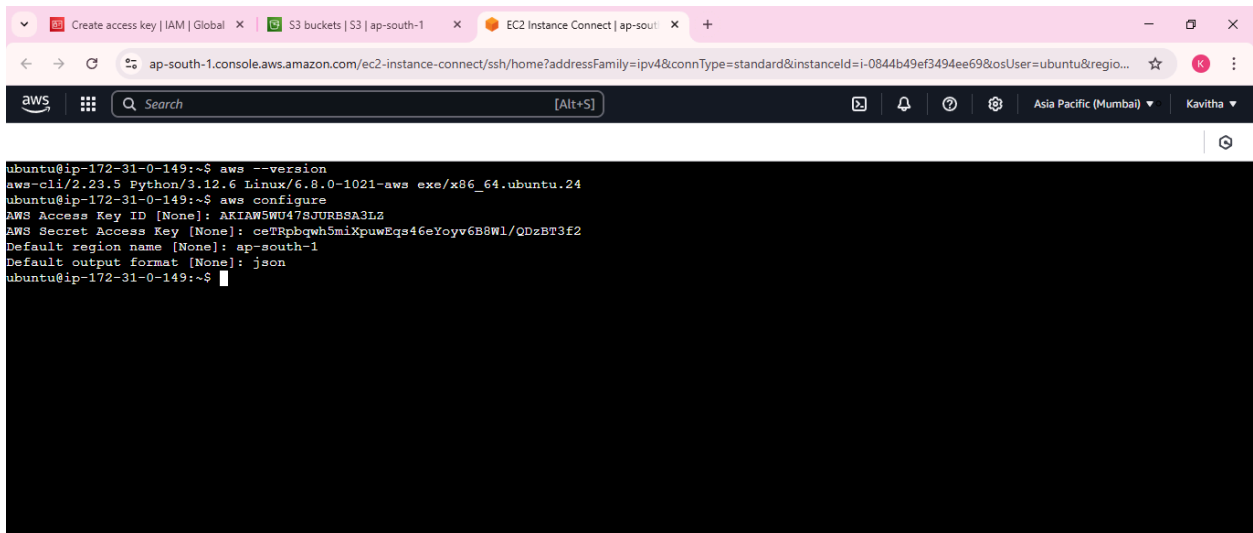
4. To login and configure AWS in CLI we have to create Access key



5. Access key was created successfully



6. Through AWS CLI we have to access AWS with **aws configure** and provide Access key, secret key, region and output format.

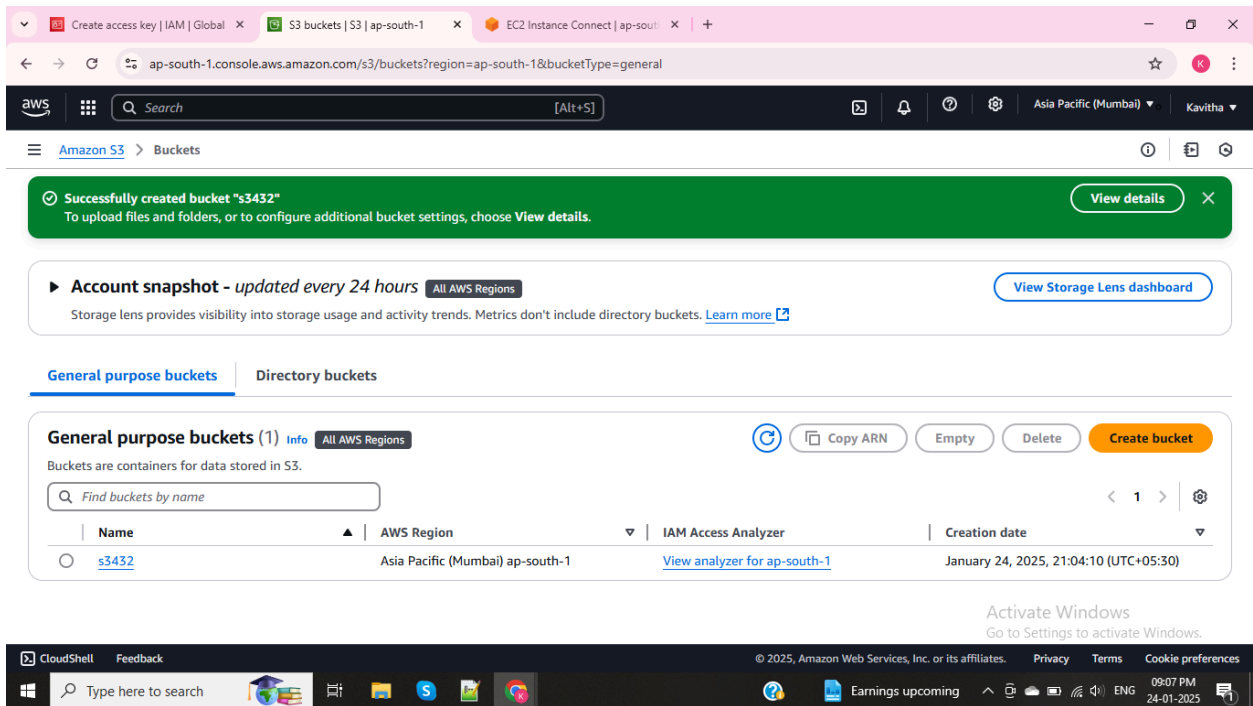


```
ubuntu@ip-172-31-0-149:~$ aws --version
aws-cli/2.23.5 Python/3.12.6 Linux/x86_64-ubuntu.24
ubuntu@ip-172-31-0-149:~$ aws configure
AWS Access Key ID [None]: AKIAM5MU47G7URBSA3LZ
AWS Secret Access Key [None]: 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
Default region name [None]: ap-south-1
Default output format [None]: json
ubuntu@ip-172-31-0-149:~$
```

i-0844b49ef3494ee69 (AWS CLI)

PublicIPs: 65.2.40.71 PrivateIPs: 172.31.0.149

7. Now, we are checking the s3 buckets are there using GUI



ap-south-1.console.aws.amazon.com/s3/buckets?region=ap-south-1&bucketType=general

Successfully created bucket "s3432"
To upload files and folders, or to configure additional bucket settings, choose [View details](#).

► **Account snapshot - updated every 24 hours** All AWS Regions [View Storage Lens dashboard](#)
Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. [Learn more](#)

General purpose buckets | Directory buckets

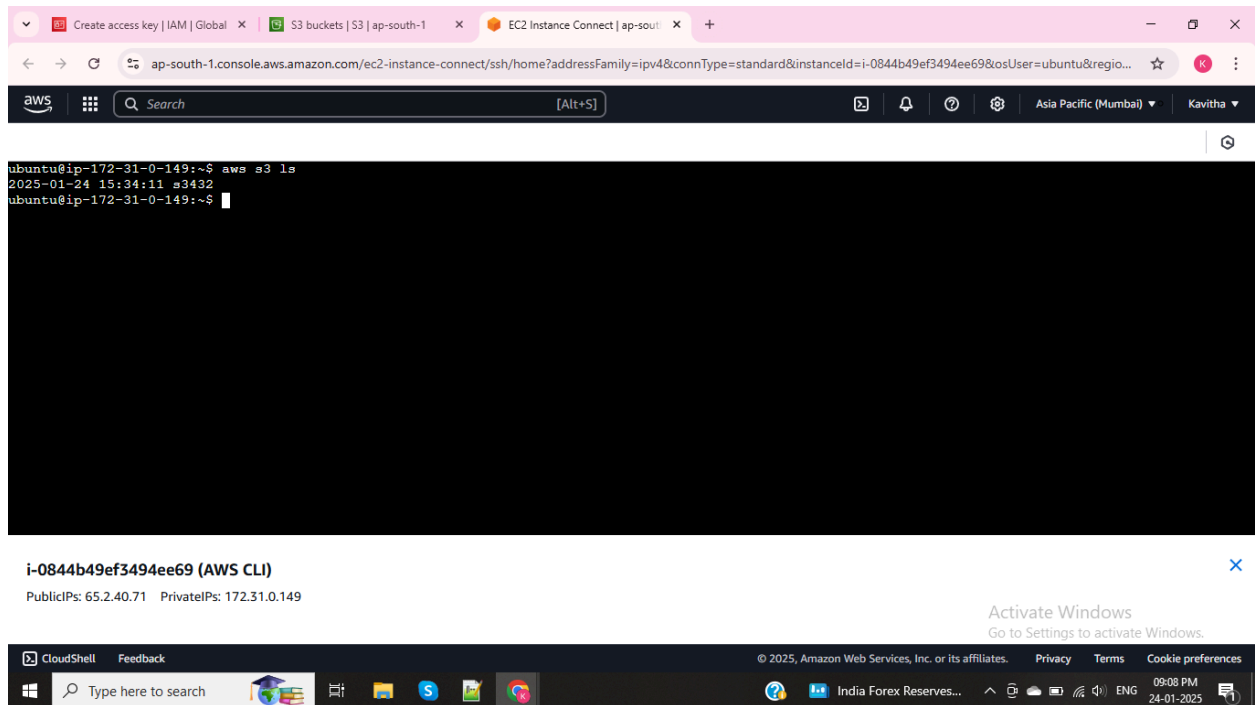
General purpose buckets (1) Info All AWS Regions

Buckets are containers for data stored in S3.

Find buckets by name

Name	AWS Region	IAM Access Analyzer	Creation date
s3432	Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	January 24, 2025, 21:04:10 (UTC+05:30)

OUTPUT shows in CLI



Installed AWS CLI in windows and checking the **aws --version** in command prompt

