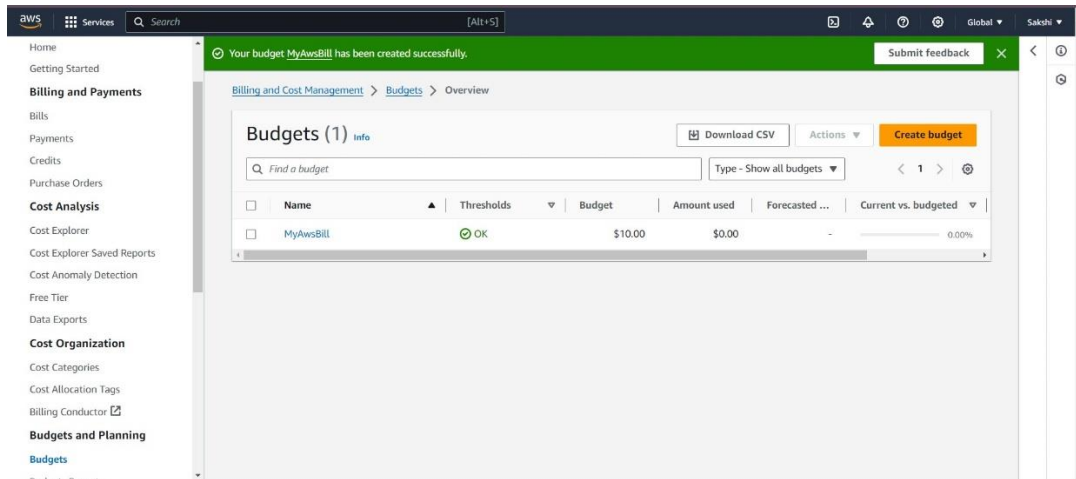
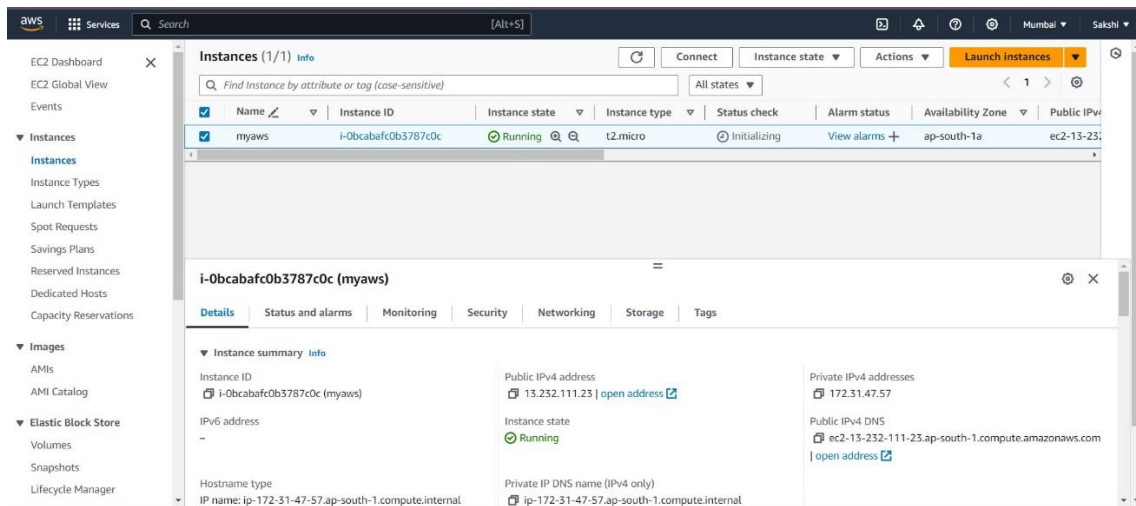


Assignments:

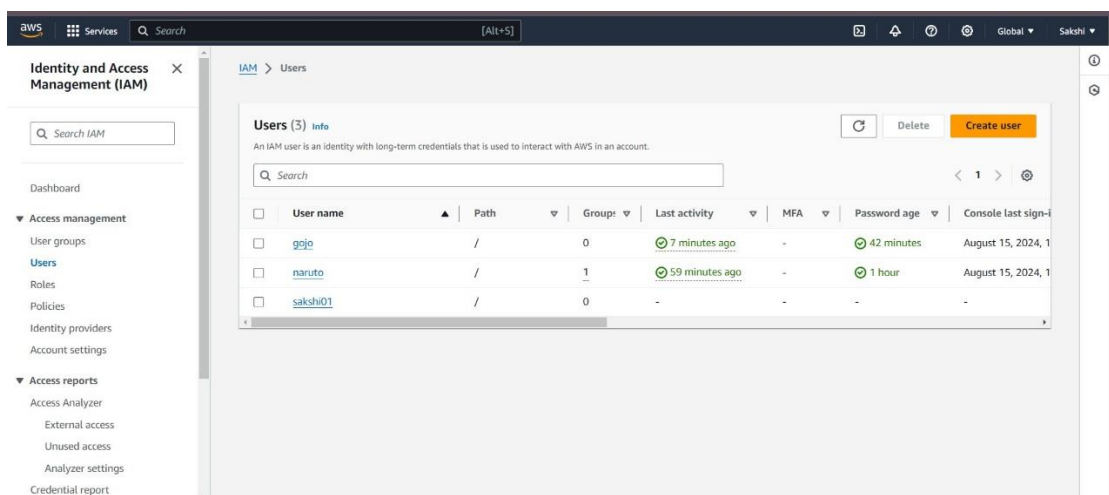
1. Setup billing alarm

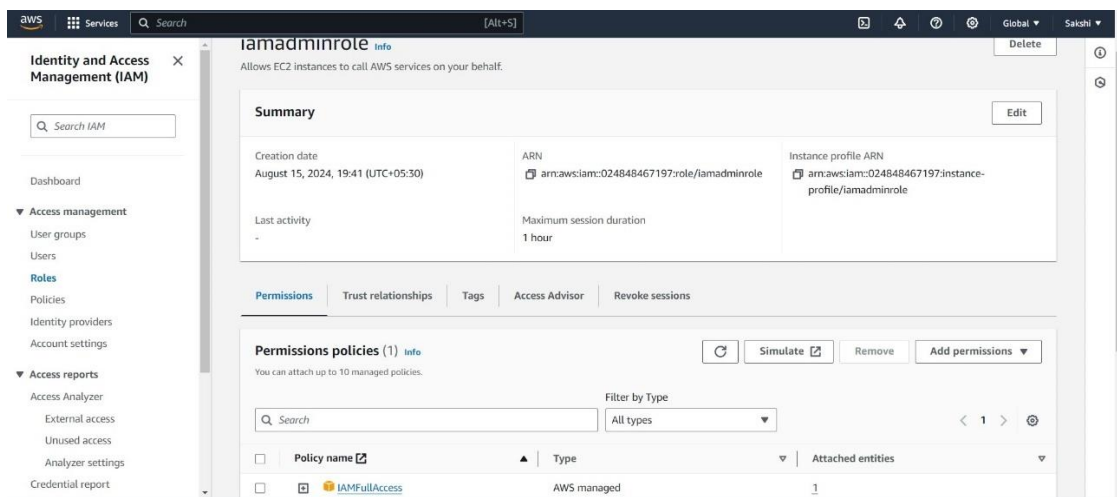
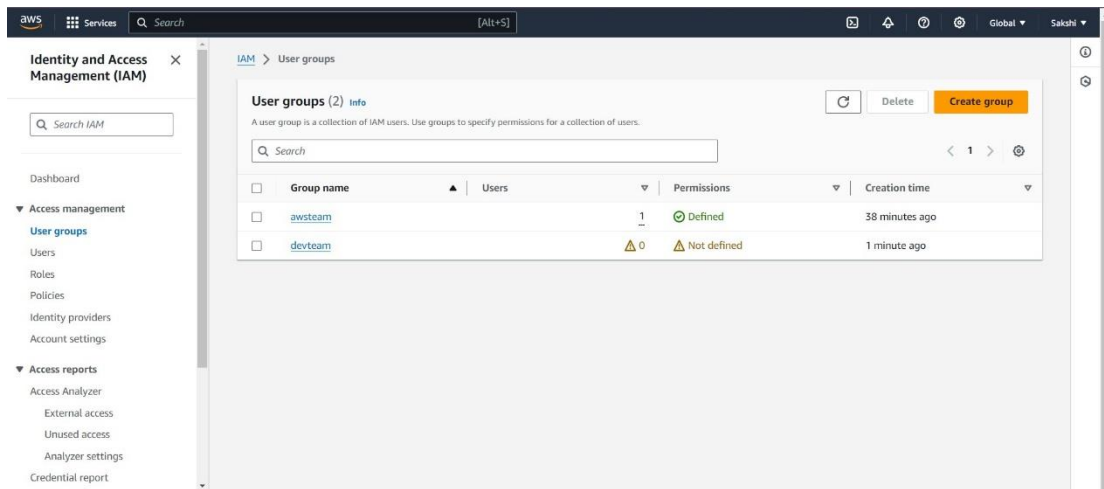


2. Create linux ec2 instance in Mumbai region.



3. Create user, group and role using GUI





4 Create users groups and role using CLI

```
C:\Users\DELL>aws iam create-group --group-name devteam
{
  "Group": {
    "Path": "/",
    "GroupName": "devteam",
    "GroupId": "AGPAQLSIVQT62NMIQCMZZ",
    "Arn": "arn:aws:iam::024848467197:group/devteam",
    "CreateDate": "2024-08-15T13:39:12+00:00"
  }
}

C:\Users\DELL>aws iam create-user --user-name sakshi01
{
  "User": {
    "Path": "/",
    "UserName": "sakshi01",
    "UserId": "AIDAQLSIVQT64GJ2IC2RZ",
    "Arn": "arn:aws:iam::024848467197:user/sakshi01",
    "CreateDate": "2024-08-15T13:33:45+00:00"
  }
}
```

```
[ec2-user@ip-172-31-47-57 ~]$ aws configure list
```

Name	Value	Type	Location
profile	<not set>	None	None
access_key	<not set>	None	None
secret_key	<not set>	None	None
region	<not set>	None	None

```
[ec2-user@ip-172-31-47-57 ~]$ aws configure list
```

Name	Value	Type	Location
profile	<not set>	None	None
access_key	*****PBHA	iam-role	
secret_key	*****SSWw	iam-role	
region	<not set>	None	None

5 Setup MFA to root user

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access Analyzer
- External access
- Unused access
- Analyzer settings

My security credentials Root user Info

The root user has access to all AWS resources in this account, and we recommend following [best practices](#). To learn more about the types of AWS credentials and how they're used, see [AWS Security Credentials](#) in [AWS General Reference](#).

Account details
Edit account name, email, and password

Account name: Sakshi

Email address: sakshishirure@gmail.com

AWS account ID: 024848467197

Canonical user ID: d18b73437929453f51fc52c3bdcfaf6bd2b05eaffb726a14582134da53cb2b08

Multi-factor authentication (MFA) (1)
Remove Resync Assign MFA device

Use MFA to increase the security of your AWS environment. Signing in with MFA requires an authentication code from an MFA device. Each user can have a maximum of 8 MFA devices assigned. [Learn more](#)

Type	Identifier	Certifications	Created on
<input type="radio"/> Virtual	arn:aws:iam::024848467197:mfa/amazon	Not Applicable	Thu Aug 15 2024

6. Attach role and access to instance