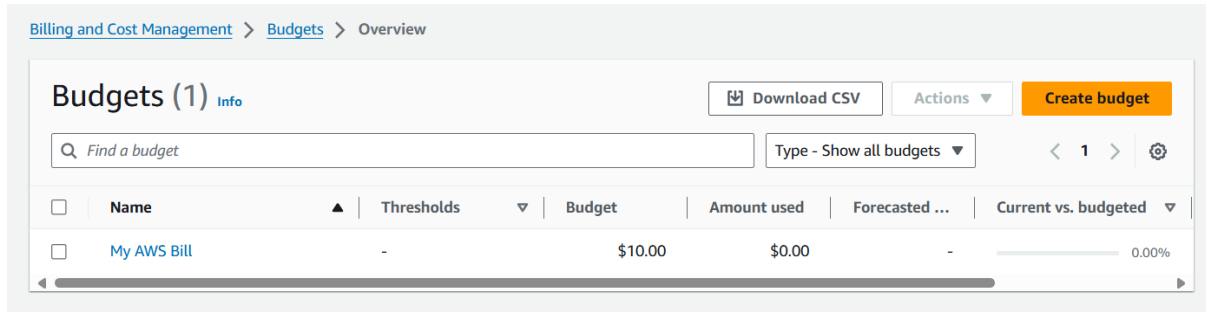


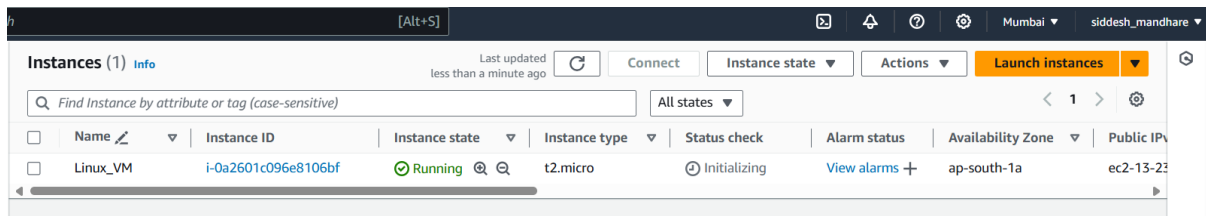
AWS- Identity Access Management (IAM)

Siddesh Mandhare || 02/09/24

1) Set up Billing Alarm.



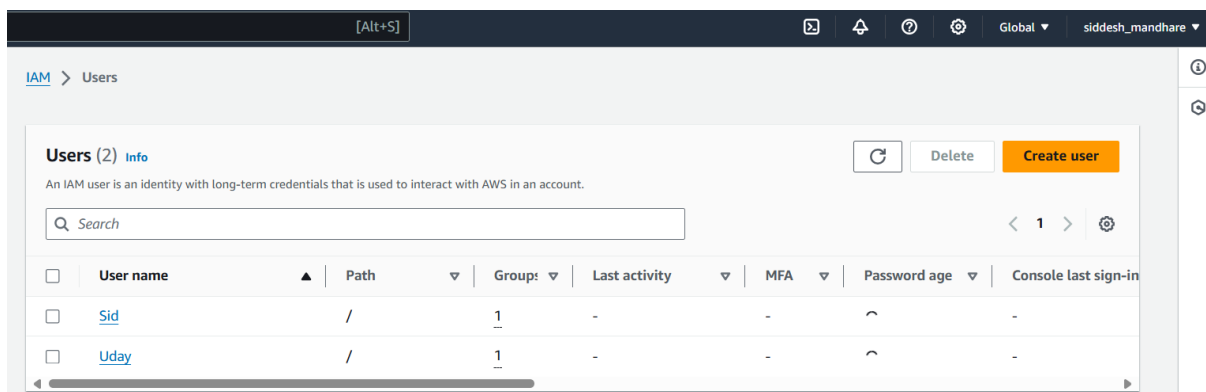
2) Create Linux EC2 instance in Mumbai region.



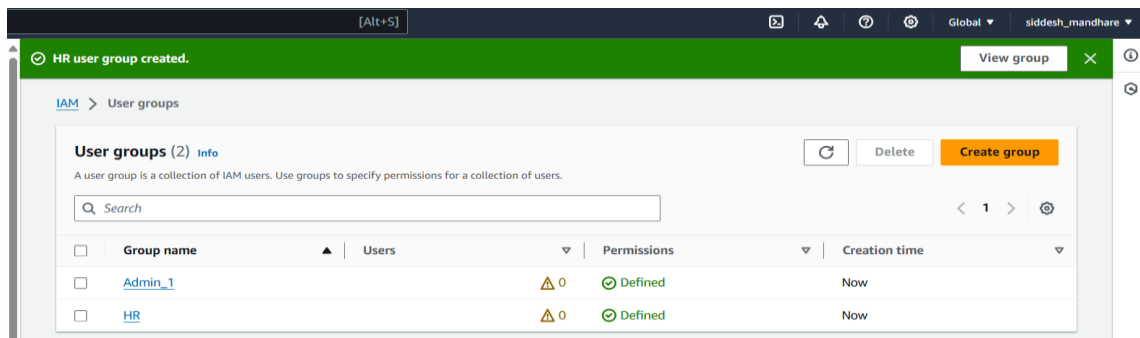
3) Setup MFA for root user.

4) Create User, Groups and roles (using GUI)

Users :-



Groups :-



5) Create User, Groups and roles (using CLI)

User

```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.22631.4037]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sidma>aws configure
AWS Access Key ID [*****QH7I]: AKIA6K5V7VPPDJMTQH7I
AWS Secret Access Key [*****XfTq]: 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
Default region name [ap-south-1]: ap-south-1
Default output format [json]: json

C:\Users\Sidma>aws iam create-user --user-name siddesh

An error occurred (EntityAlreadyExists) when calling the CreateUser operation: User with name siddesh already exists.

C:\Users\Sidma>aws iam create-user --user-name siddesh001
{
  "User": {
    "Path": "/",
    "UserName": "siddesh001",
    "UserId": "AIDA6K5V7VPPM6NFKQ4PD",
    "Arn": "arn:aws:iam::985539783646:user/siddesh001",
    "CreateDate": "2024-08-28T18:15:01+00:00"
  }
}

C:\Users\Sidma>
```

(Delete user by CLI)

```
C:\Users\Sidma>aws iam delete-user --user-name siddesh

C:\Users\Sidma>
```

Group

```
C:\Users\Sidma>aws iam create-group --group-name Prod
{
  "Group": {
    "Path": "/",
    "GroupName": "Prod",
    "GroupId": "AGPA6K5V7VPPB64ME27AI",
    "Arn": "arn:aws:iam::985539783646:group/Prod",
    "CreateDate": "2024-08-28T18:19:49+00:00"
  }
}
```

```
C:\Users\Sidma>|
```

(Delete group by CLI)

```
C:\Users\Sidma>aws iam delete-group --group-name prod
C:\Users\Sidma>|
```