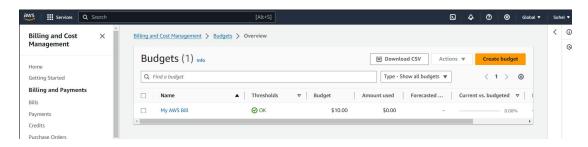
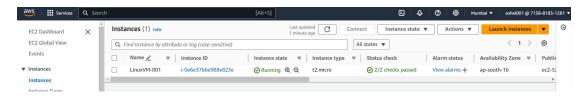
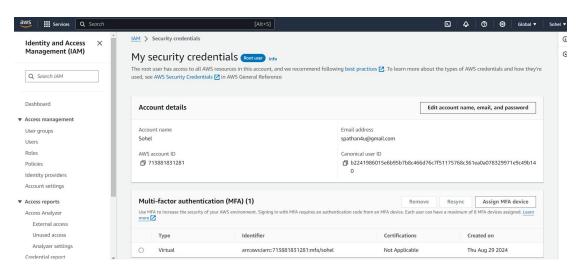
1. Setup Billing Alarm



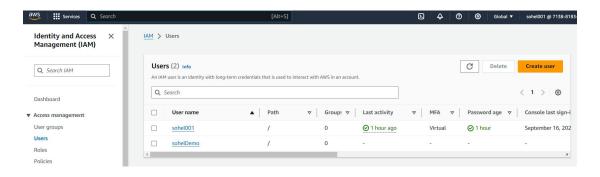
2. Create linx EC2 instance LinuxVM-001



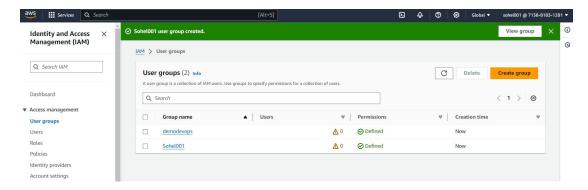
3. Setup MFA for root user



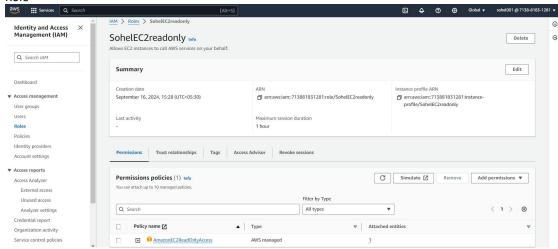
4. Create User, Group Role using GUI User:



Group



Role



5. Create Role Group using CLI

```
C:\WINDOWS\system32\cmd. × + \footnote{
Microsoft Windows [Version 10.0.22631.4169]
(c) Microsoft Corporation. All rights reserved.

C:\Users\patha>aws configure

AWS Access Key ID [None]: AKIA2MNVMI5YUFVBCEE7

AWS Secret Access Key [None]: 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

Default region name [None]: ap-south-1

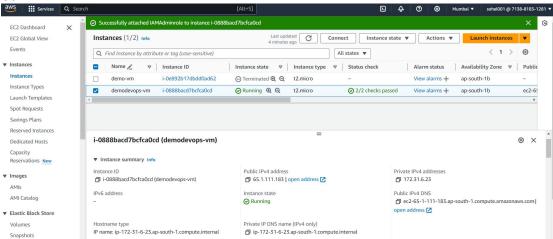
Default output format [None]: json

C:\Users\patha>aws iam create-user --user-name sohel0202
{
    "User": {
        "Path": "/",
        "UserName": "sohel0202",
        "UserId": "AIDA2MNVMI5YW2BUW3W2N",
        "Arn": "arn:aws:iam::713881831281:user/sohel0202",
        "CreateDate": "2024-09-16T10:21:24+00:00"
}
```

Group

```
C:\Users\patha>aws iam create-group --group-name fusion
{
    "Group": {
        "Path": "/",
        "GroupName": "fusion",
        "GroupId": "AGPA2MNVMI5YRYT5L4VBR",
        "Arn": "arn:aws:iam::713881831281:group/fusion",
        "CreateDate": "2024-09-16T10:23:39+00:00"
}
```

GUI:



7 . Attach role and secret access key to the instance Attach role to the instance

```
ec2-user@ip-172-31-6-23:~
                                                                      login as: ec2-user
 Authenticating with public key "soheldemo-001"
ast login: Mon Sep 16 11:01:01 2024 from 152.57.2.140
       ####
                   Amazon Linux 2
       #####\
                   AL2 End of Life is 2025-06-30.
          \#/
                   A newer version of Amazon Linux is available!
                   Amazon Linux 2023, GA and supported until 2028-03-15.
                     https://aws.amazon.com/linux/amazon-linux-2023/
ec2-user@ip-172-31-6-23 ~]$ configure list
bash: configure: command not found
ec2-user@ip-172-31-6-23 ~]$ aws configure list
                            Value
    Name
                                              Type
                                                     Location
 profile
                        <not set>
                                              None
                                                     None
              ***************4YUJ
                                          iam-role
ccess key
              iam-role
ecret
     key
   region
                        <not set>
                                              None
                                                     None
```

Attach secret key and acess key to the instance