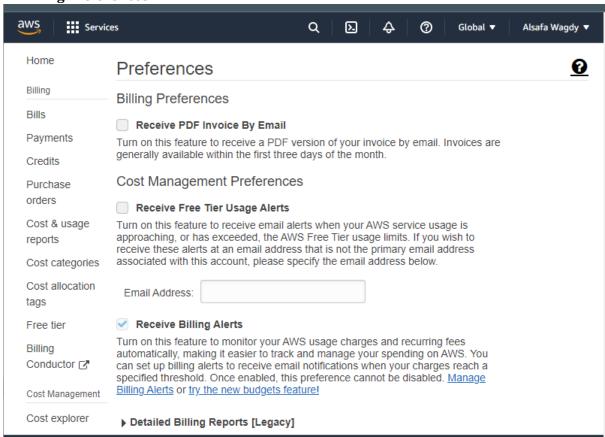
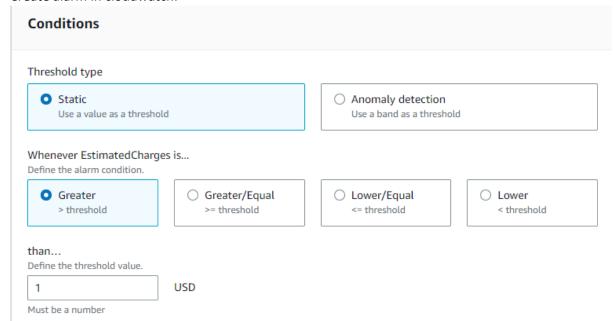
Lab1

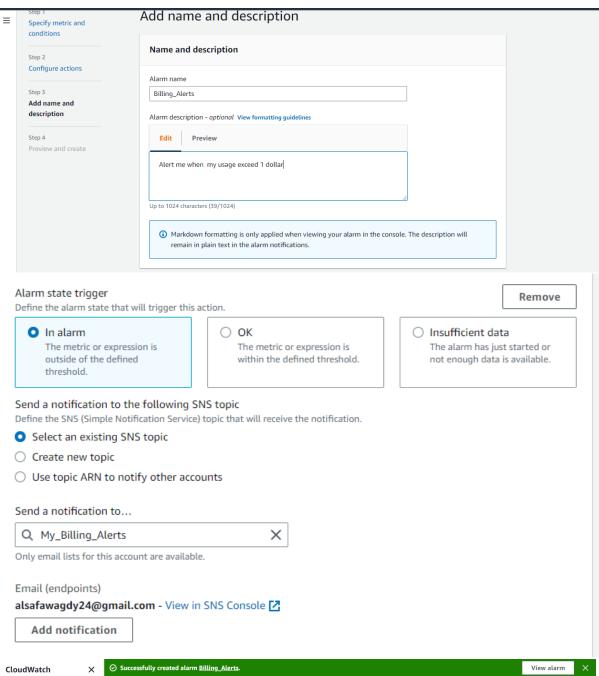
1- Create aws account and set billing alarm

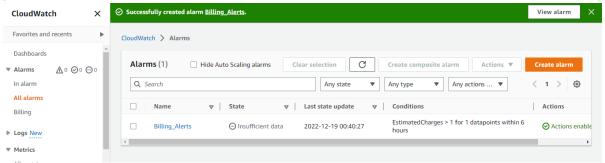
- In Billing Preferences.



- Create alarm in cloudwatch:

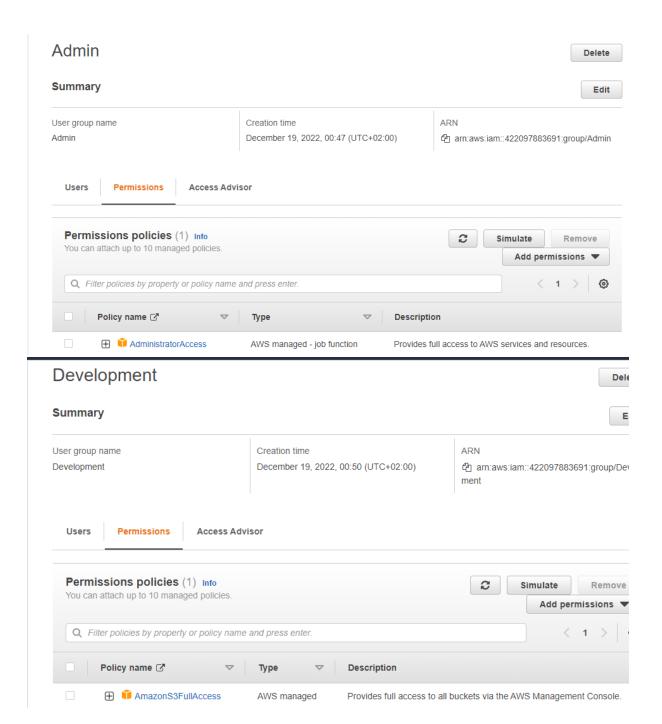




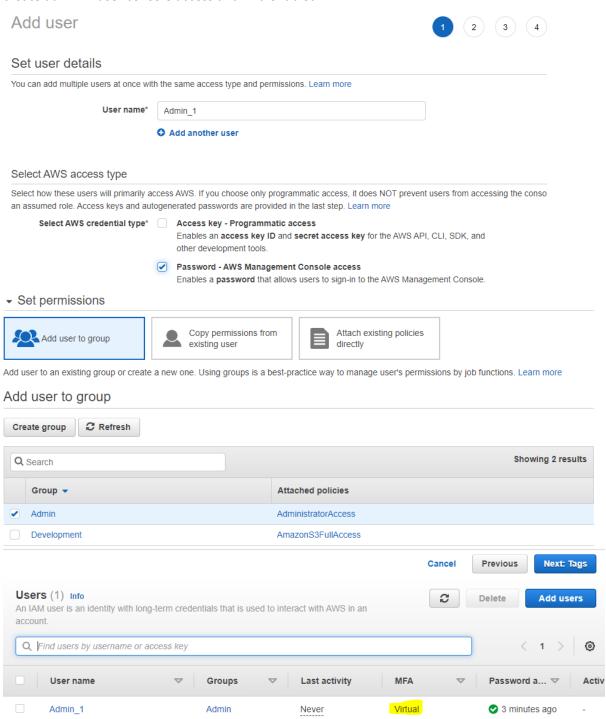


2- IAM

- create 2 groups one admin and one for development



- create admin-1 user console access and mfa enabled

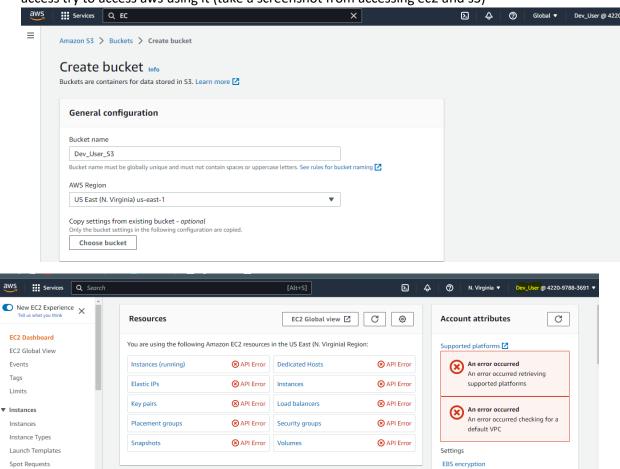


- admin2-prog with cli access only and list all users and groups using it commands not console

```
Islam@DESKTOP-G8INB1G MINGW64 ~
AWS Access Key ID [************KWZA]: AKIAWERX6SIVYFLVG5SW
AWS Secret Access Key [**************3C5X]: 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
Default region name [us-east-1]:
Default output format [json]:
Islam@DESKTOP-G8INB1G MINGW64 ~
$ aws iam list-users
    "Users": [
            "Path": "/",
"UserName": "Admin_1",
            "UserId": "AIDAWERX6SIVUETBQOK45",
            "Arn": "arn:aws:iam::422097883691:user/Admin_1",
            "CreateDate": "2022-12-18T22:56:47+00:00"
            "Path": "/",
            "UserName": "Admin 2",
            "UserId": "AIDAWERX6SIV33NXZCBEH",
            "Arn": "arn:aws:iam::422097883691:user/Admin 2",
            "CreateDate": "2022-12-18T23:12:21+00:00"
```

```
$ aws iam list-groups
    "Groups": [
        {
            "Path": "/",
            "GroupName": "Admin",
            "GroupId": "AGPAWERX6SIV7UNYLYKLW",
            "Arn": "arn:aws:iam::422097883691:group/Admin",
            "CreateDate": "2022-12-18T22:47:05+00:00"
        },
            "Path": "/",
            "GroupName": "Development",
            "GroupId": "AGPAWERX6SIV2L6FDSBMI",
            "Arn": "arn:aws:iam::422097883691:group/Development",
            "CreateDate": "2022-12-18T22:50:00+00:00"
   ]
}
```

- in the development group create user with name dev-user with programmatic and. Admin access try to access aws using it (take a screenshot from accessing ec2 and s3)



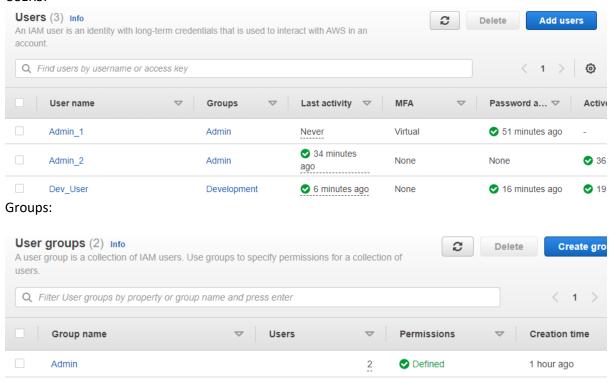
Also access cli using it and try to get all users and groups using it

Launch instance

Savings Plans

USERS:

Development



Defined

1

1 hour ago