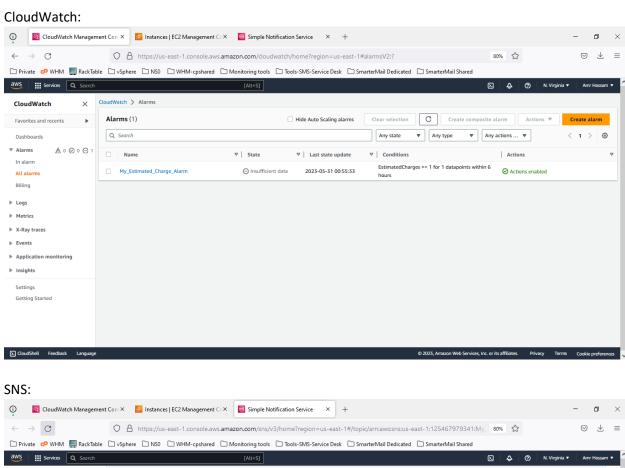# AWS Lab (1)

1- Create Billing alarm

CloudWatch:

SNS:

2- Screenshot from each group with users and permissions
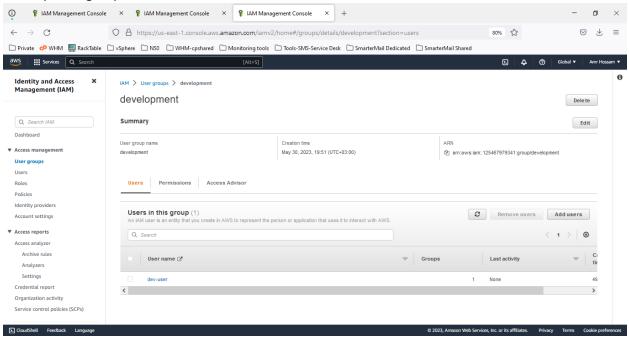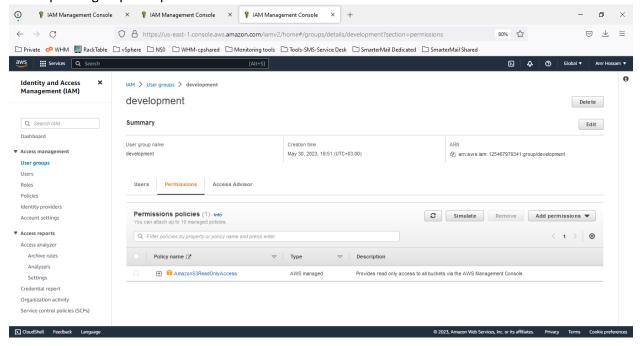
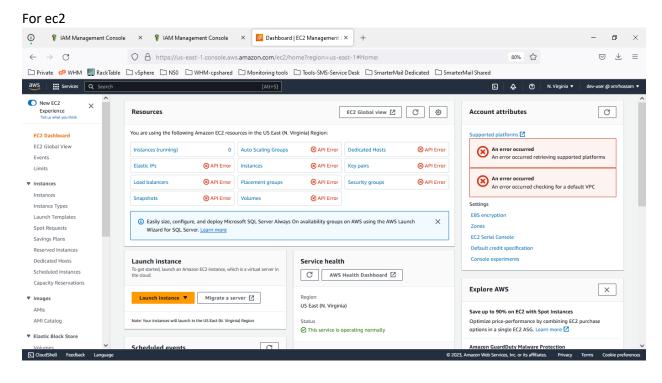## admin group with users

admin group with permissions
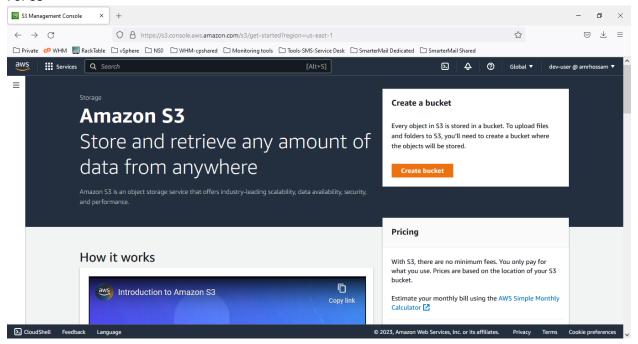
development group with users

development group with permissions

3- Screenshot from using dev-user to access ec2 and S3 from console

For ec2

For S3

4- Screenshot from listing users and groups using admin2-prog

MINGW64:/c/Users/Amr Hossam/Desktop   —   □   ×

Amr Hossam@DESKTOP-7RB9P1N MINGW64 ~/Desktop (main)
$ aws iam list-users
{
    "Users": [
        {
            "Path": "/",
            "UserName": "admin-1",
            "UserId": "AIDAR2NTZNZGRUC7ZYC2A",
            "Arn": "arn:aws:iam::125467979341:user/admin-1",
            "CreateDate": "2023-05-30T16:54:12+00:00"
        },
        {
            "Path": "/",
            "UserName": "admin2-prog",
            "UserId": "AIDAR2NTZNZG3BBL2ZYIC",
            "Arn": "arn:aws:iam::125467979341:user/admin2-prog",
            "CreateDate": "2023-05-30T17:33:48+00:00"
        },
        {
            "Path": "/",
            "UserName": "dev-user",
            "UserId": "AIDAR2NTZNZG6DQBG2774",
            "Arn": "arn:aws:iam::125467979341:user/dev-user",
            "CreateDate": "2023-05-30T19:16:28+00:00",
            "PasswordLastUsed": "2023-05-30T19:18:34+00:00"
        }
    ]
}

Amr Hossam@DESKTOP-7RB9P1N MINGW64 ~/Desktop (main)
$ aws iam list-groups
{
    "Groups": [
        {
            "Path": "/",
            "GroupName": "admin",
            "GroupId": "AGPAR2NTZNZG2VESAK2DO",
            "Arn": "arn:aws:iam::125467979341:group/admin",
            "CreateDate": "2023-05-30T16:51:14+00:00"
        },
        {
            "Path": "/",
            "GroupName": "development",
            "GroupId": "AGPAR2NTZNZG5X7XZMD53",
            "Arn": "arn:aws:iam::125467979341:group/development",
            "CreateDate": "2023-05-30T16:51:37+00:00"
        }
    ]
}

Amr Hossam@DESKTOP-7RB9P1N MINGW64 ~/Desktop (main)
$ |

5- Screenshot from listing users and groups using dev-user

```
Amr Hossam@DESKTOP-7RB9P1N MINGW64 ~/Desktop (main)
$ aws iam list-users

An error occurred (AccessDenied) when calling the ListUsers operation: User: arn:aws:iam::125
467979341:user/dev-user is not authorized to perform: iam:ListUsers on resource: arn:aws:iam:
:125467979341:user/ because no identity-based policy allows the iam:ListUsers action

Amr Hossam@DESKTOP-7RB9P1N MINGW64 ~/Desktop (main)
$ aws iam list-groups

An error occurred (AccessDenied) when calling the ListGroups operation: User: arn:aws:iam::12
5467979341:user/dev-user is not authorized to perform: iam:ListGroups on resource: arn:aws:ia
m::125467979341:group/ because no identity-based policy allows the iam:ListGroups action

Amr Hossam@DESKTOP-7RB9P1N MINGW64 ~/Desktop (main)
$ |
```