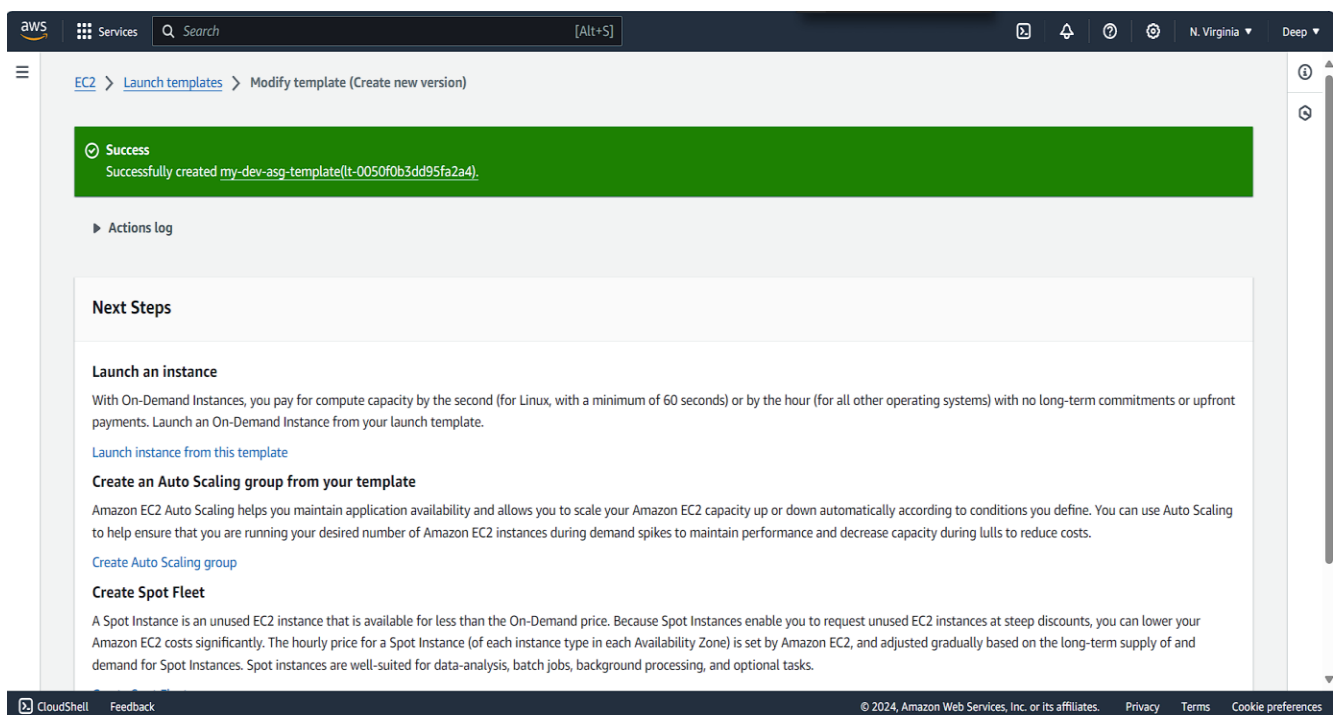# Cloud and Devops PRT

Create Auto Scaling Group:

1) Launch the console and under EC2, look for Autoscaling group, and create 3 ASG as asked in the question.
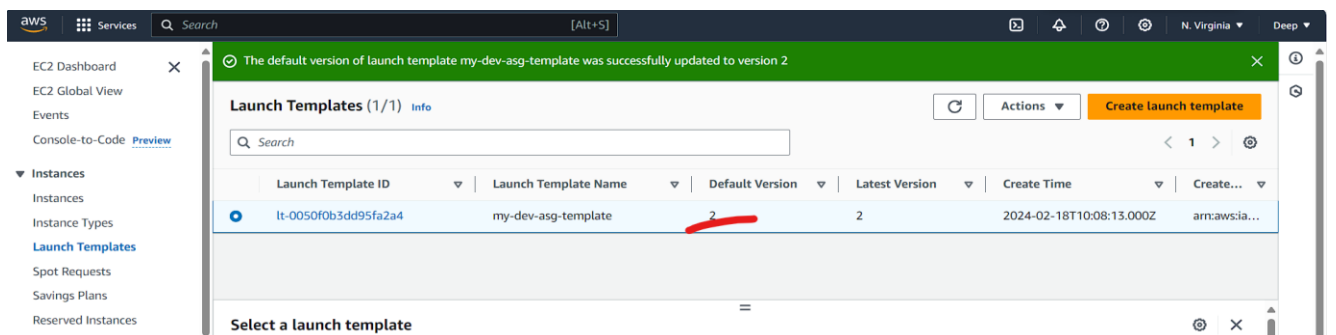
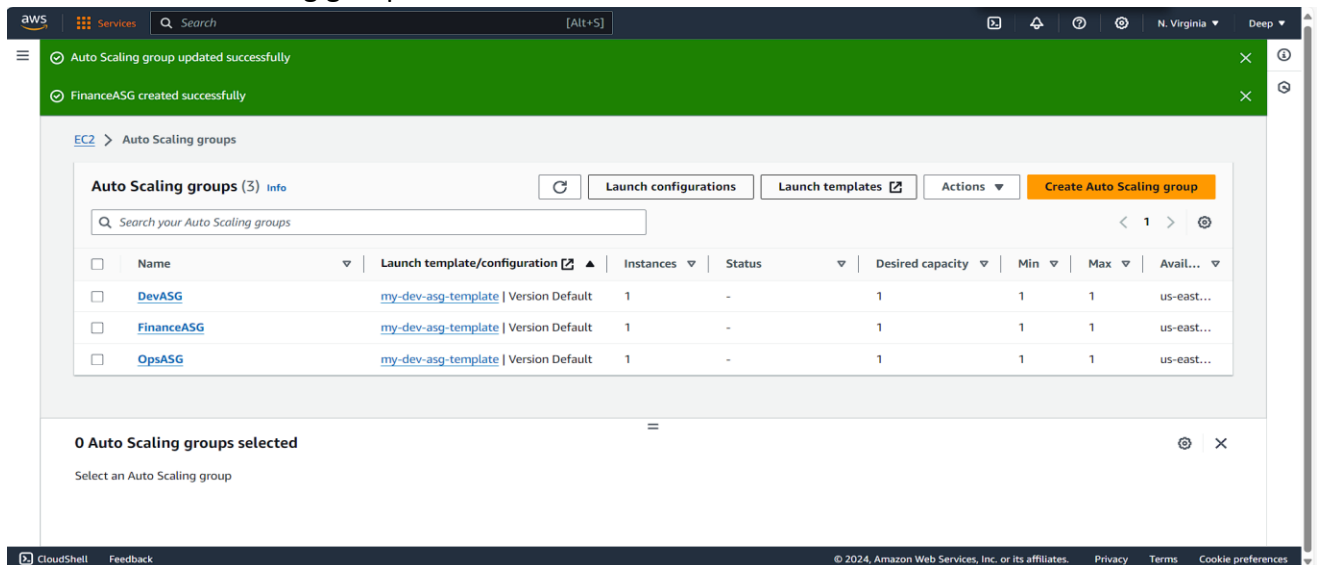Created Launch Template:

Added the line:

!#/bin/bash

Echo "Hello from $(hostname -f)" > /var/www/html/index.html
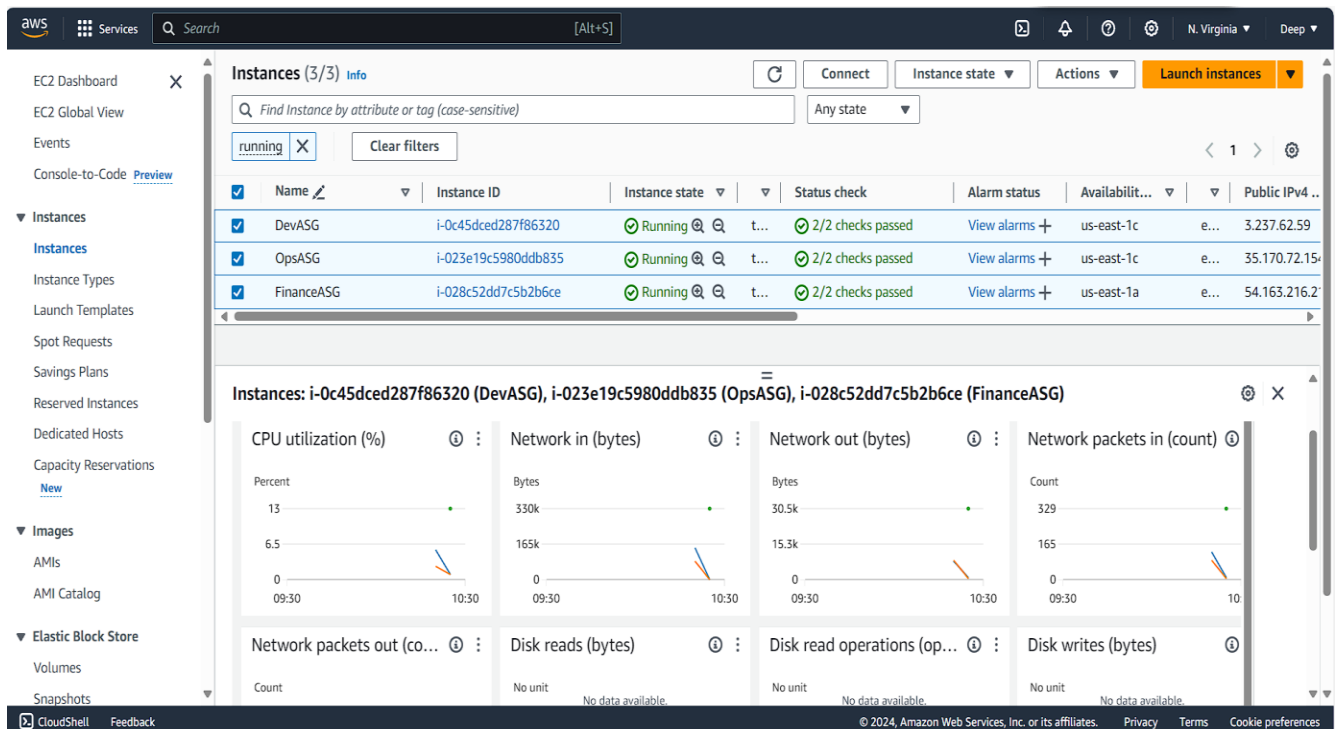

Set this version as Default:

Created the Autoscaling group:

NOTE: Please ignore the naming of the launch template. I have used it for all the 3 ASG. Realized the naming late, and to save time i went ahead with the same.

Snippet of Instance from all the ASGs:

TAG snippet:

Instance: i-0c45dced287f86320 (DevASG)

Key	Value
aws:ec2lau...	lt-0050f0b3dd95fa2a4
aws:ec2lau...	2
Name	DevASG
aws:ec2:fle...	fleet-f93d3126-0184-ee34-8412-87820bbe7646
aws:autosc...	OpsASG
env	Dev

User list:

Attached inline policy to Devuser so that it can have access to all ec2 in DevASG alone.


```
1 ▼ {
2       "Version": "2012-10-17",
3 ▼     "Statement": [
4 ▼         {
5               "Sid": "Statement1",
6               "Effect": "Allow",
7               "Action": "ec2:*",
8               "Resource": "*",
9 ▼             "Condition": {
10 ▼                "StringEquals": {
11                      "ec2:ResourceTag/Env": "DevASG"
12                  }
13              }
14          }
15      ]
16 }
```
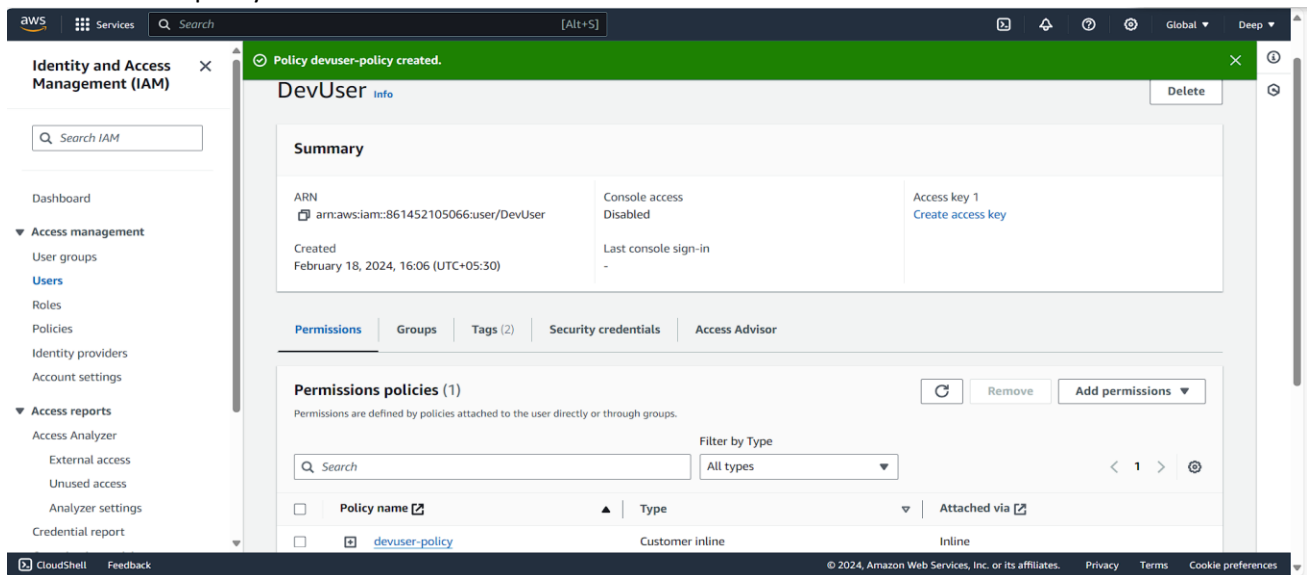
Created the same for all the other users.

Provided EC2User with access to all but no access to instance connect.

```
5        "Effect": "Allow",
6        "Action": [
7            "ec2:DescribeInstances",
8            "ec2:StartInstances",
9            "ec2:StopInstances",
10           "ec2:TerminateInstances"
11       ],
12       "Resource": "*",
13       "Condition": {
14           "StringEquals": {
15               "ec2:ResourceTag/Env": [
16                   "DevASG",
17                   "FinanceASG"
18               ]
19           }
20       }
21   },
22   {
23       "Effect": "Deny",
24       "Action": "ec2-instance-connect:SendSSHPublicKey"
```
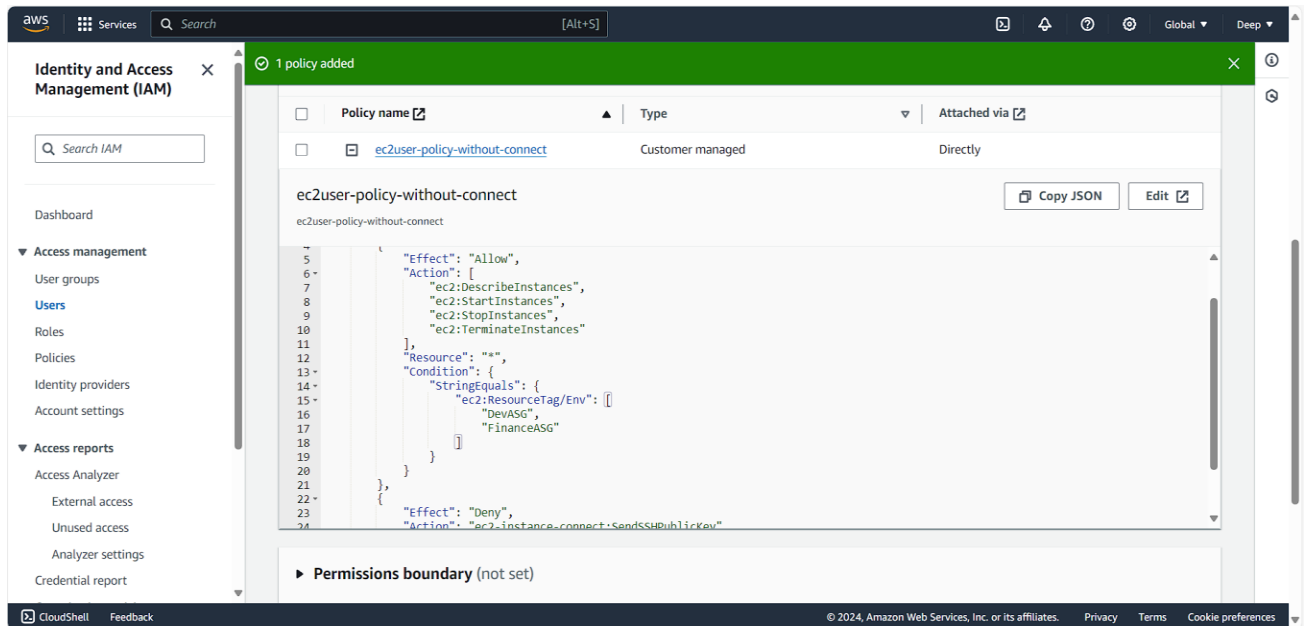
Logged in as EC2user using the console.