**Create eks cluster using eksctl**

During creation, Specify

Cluster name

Kubernetes version

Control plane role

Subnets for Control Plane

Control Plane security Group

Add tag: owner, purpose on Control Plane

Node Group Name

Node Instance Role

Subnets for Node Group

Node Instance SSH key pair

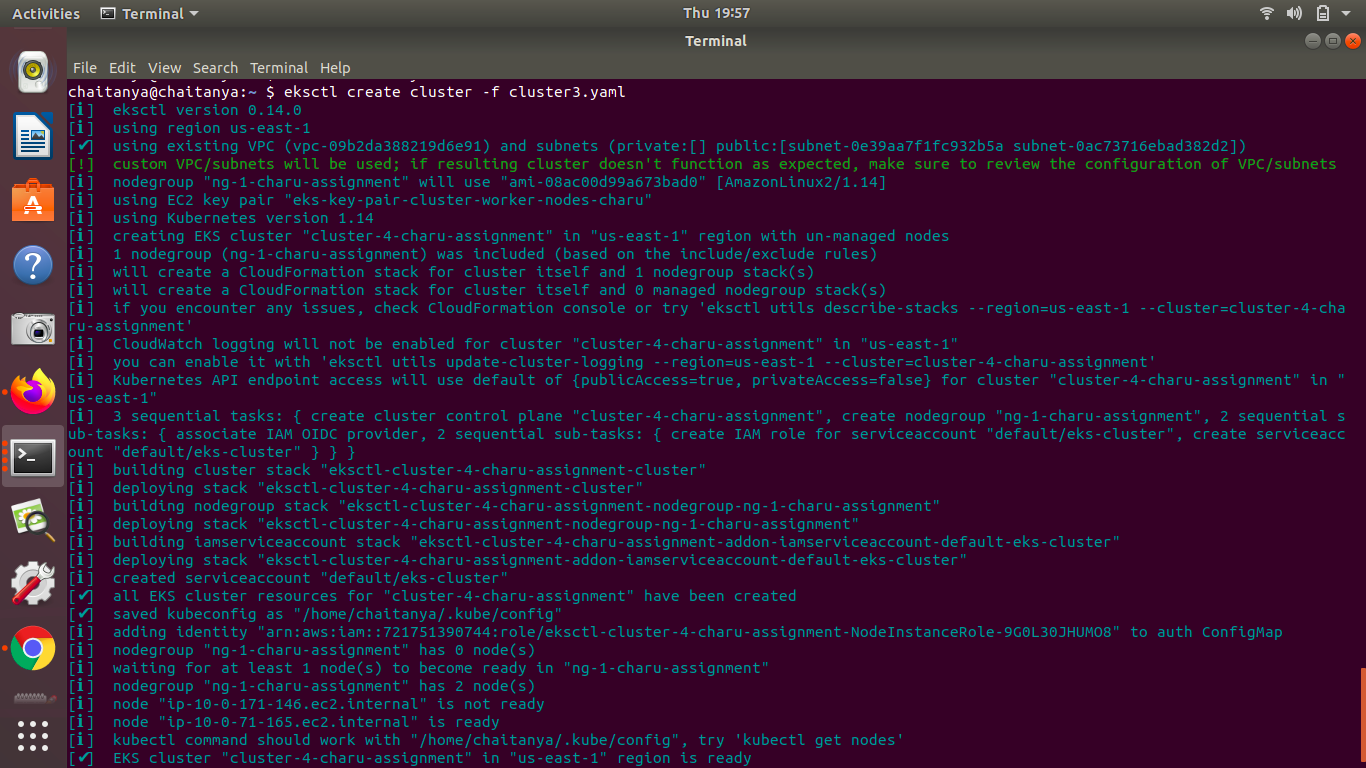
Node Instance Security Group

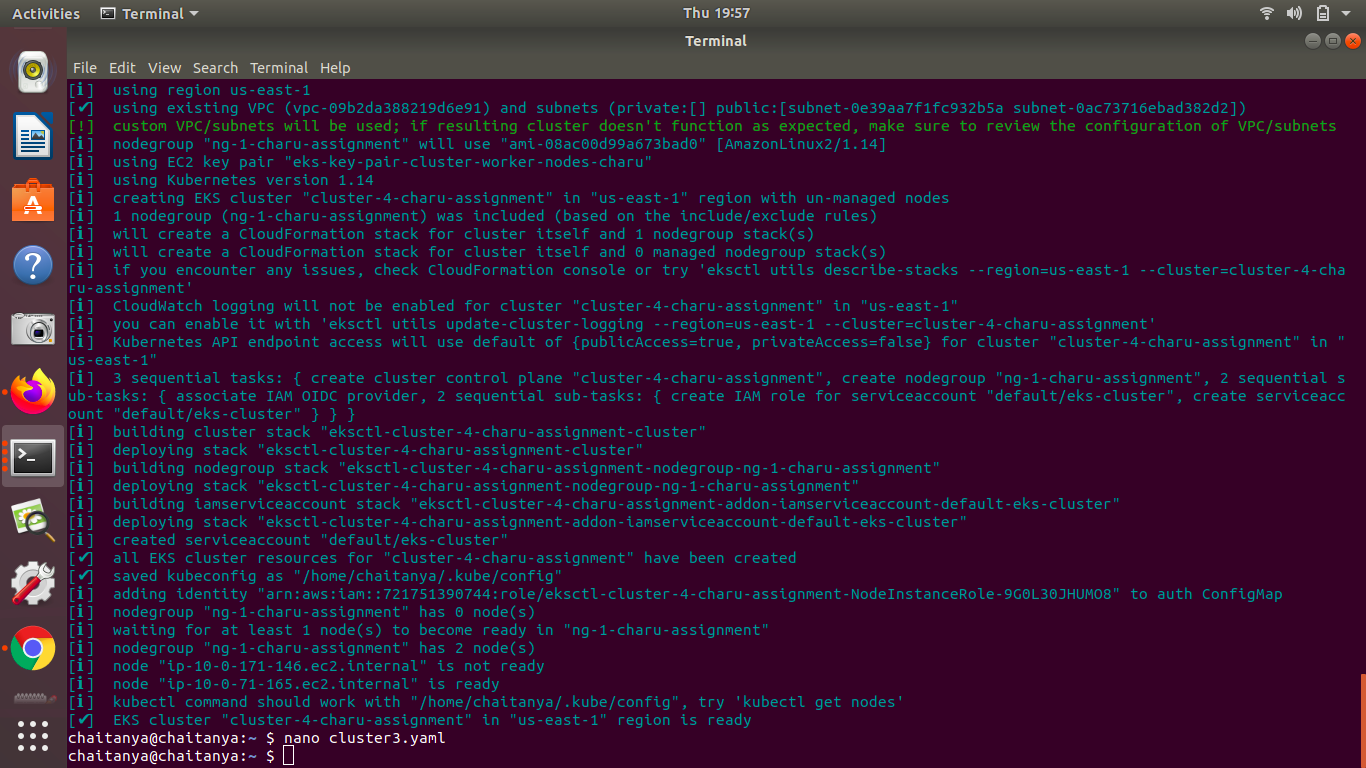
Node Instance Instance Type

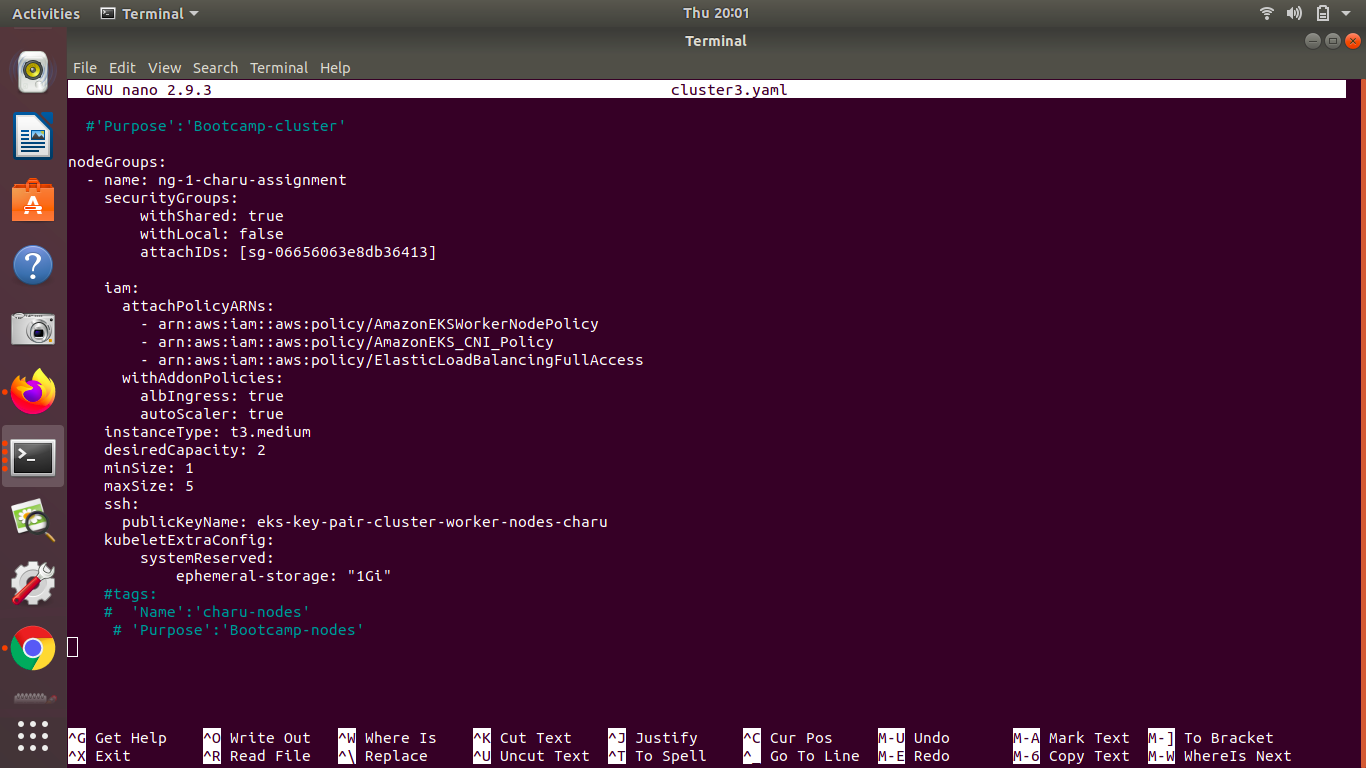
Node Instance Disk

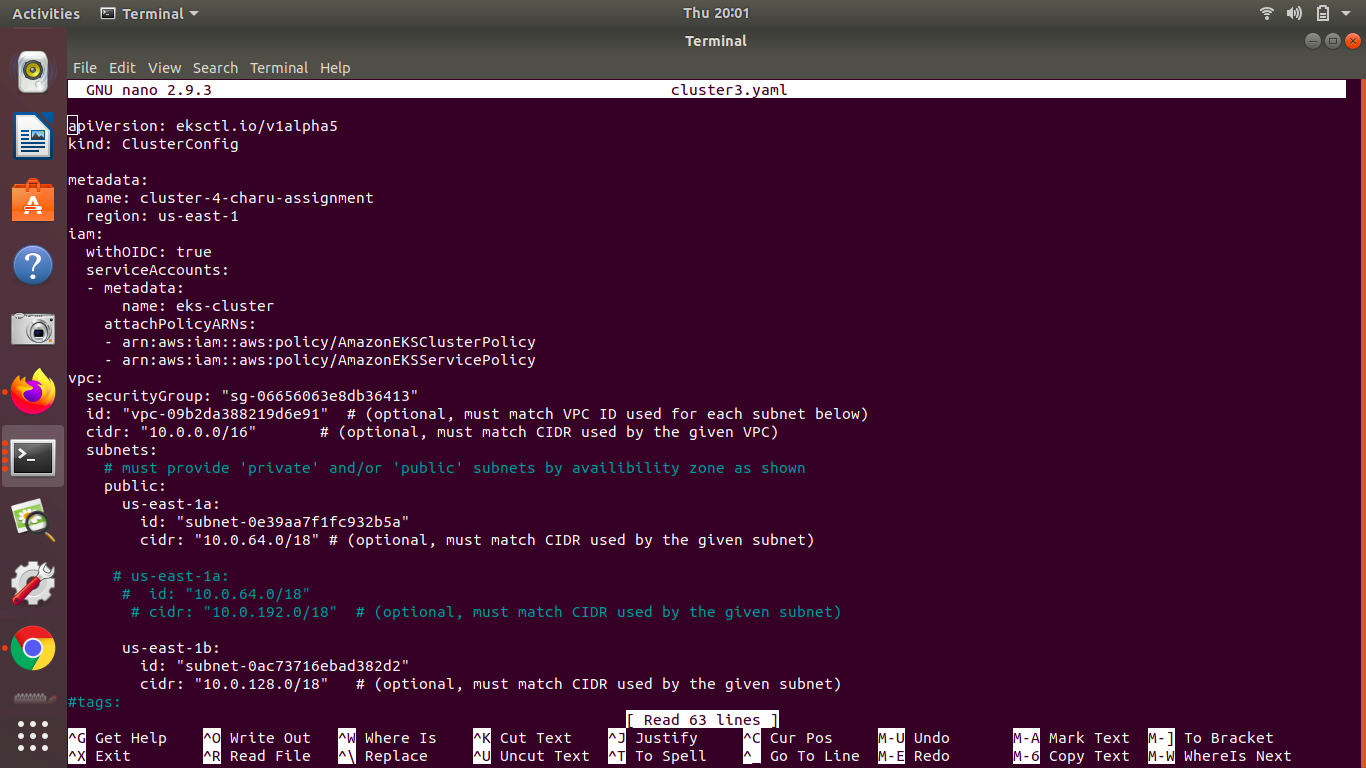
Add tag: owner, purpose on Node Group

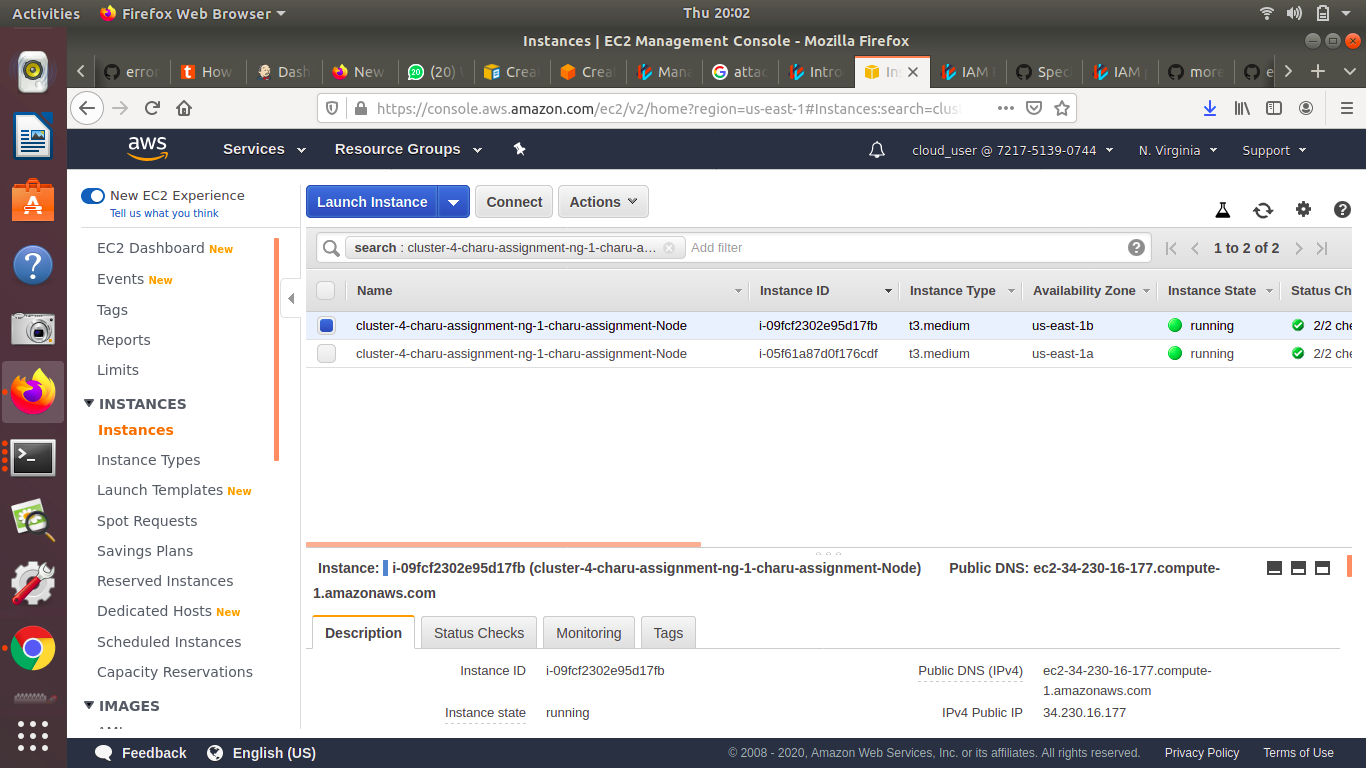
Node Group Size: min, max

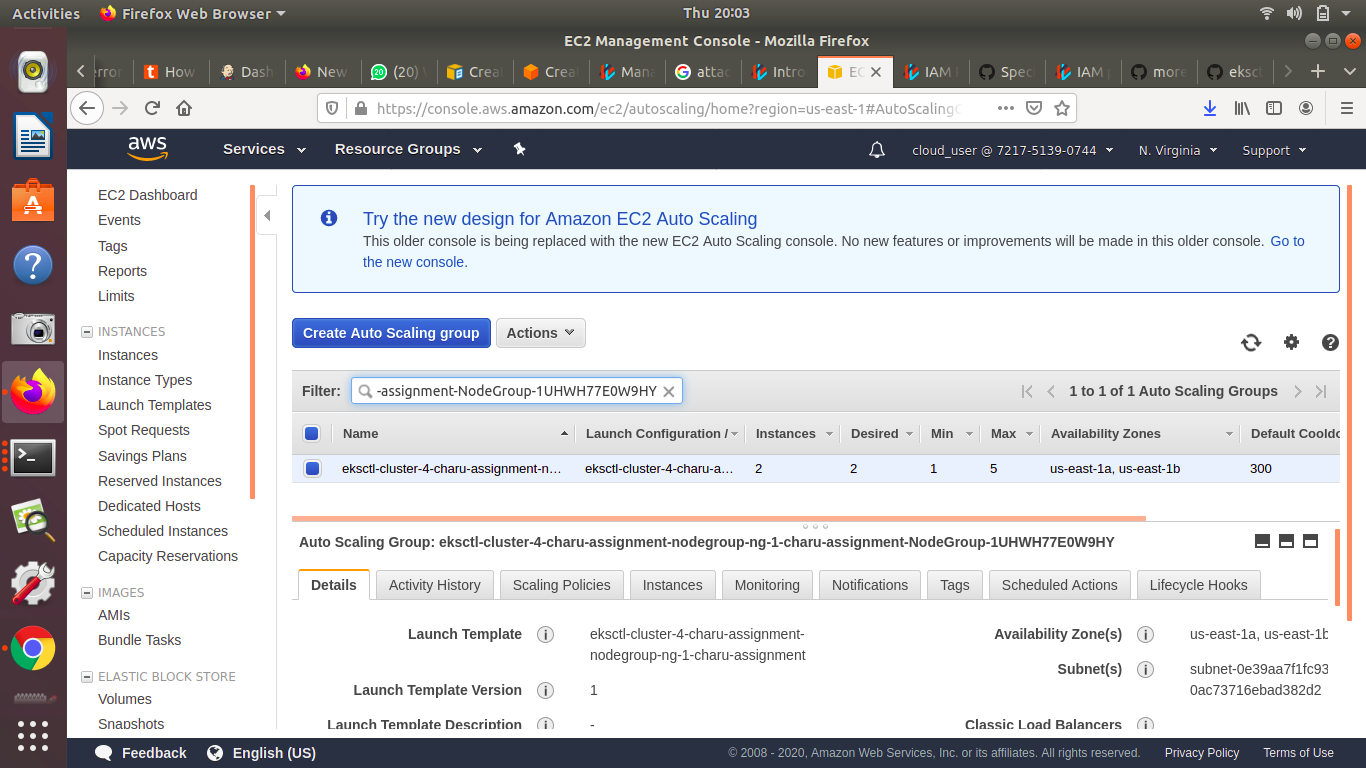


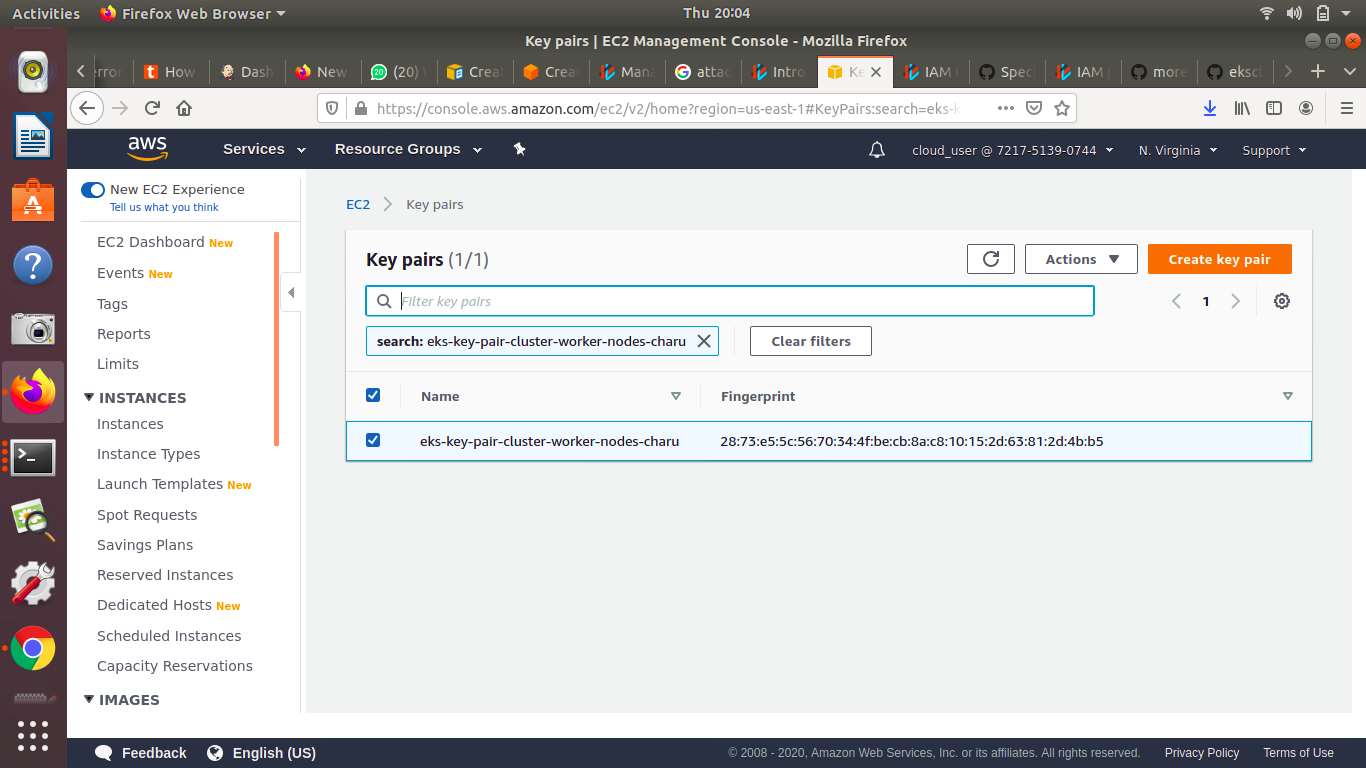


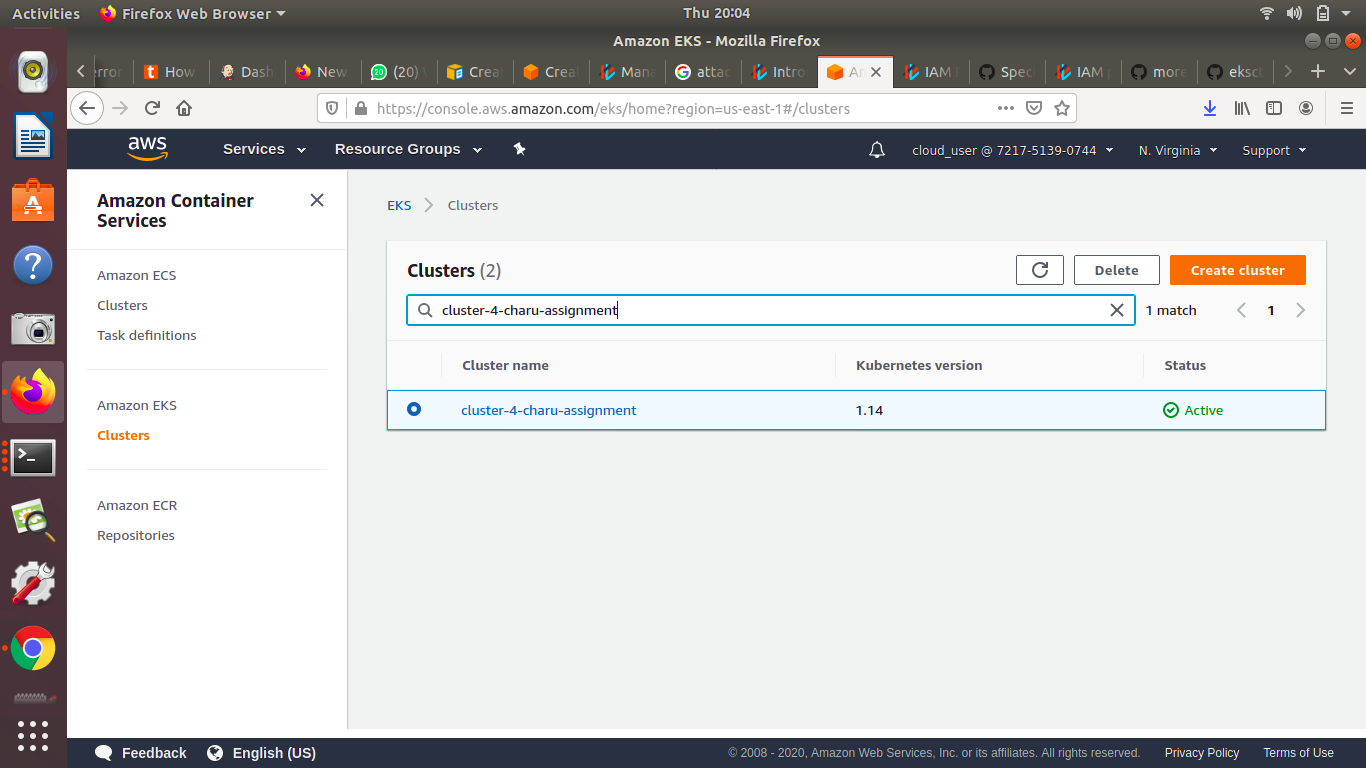


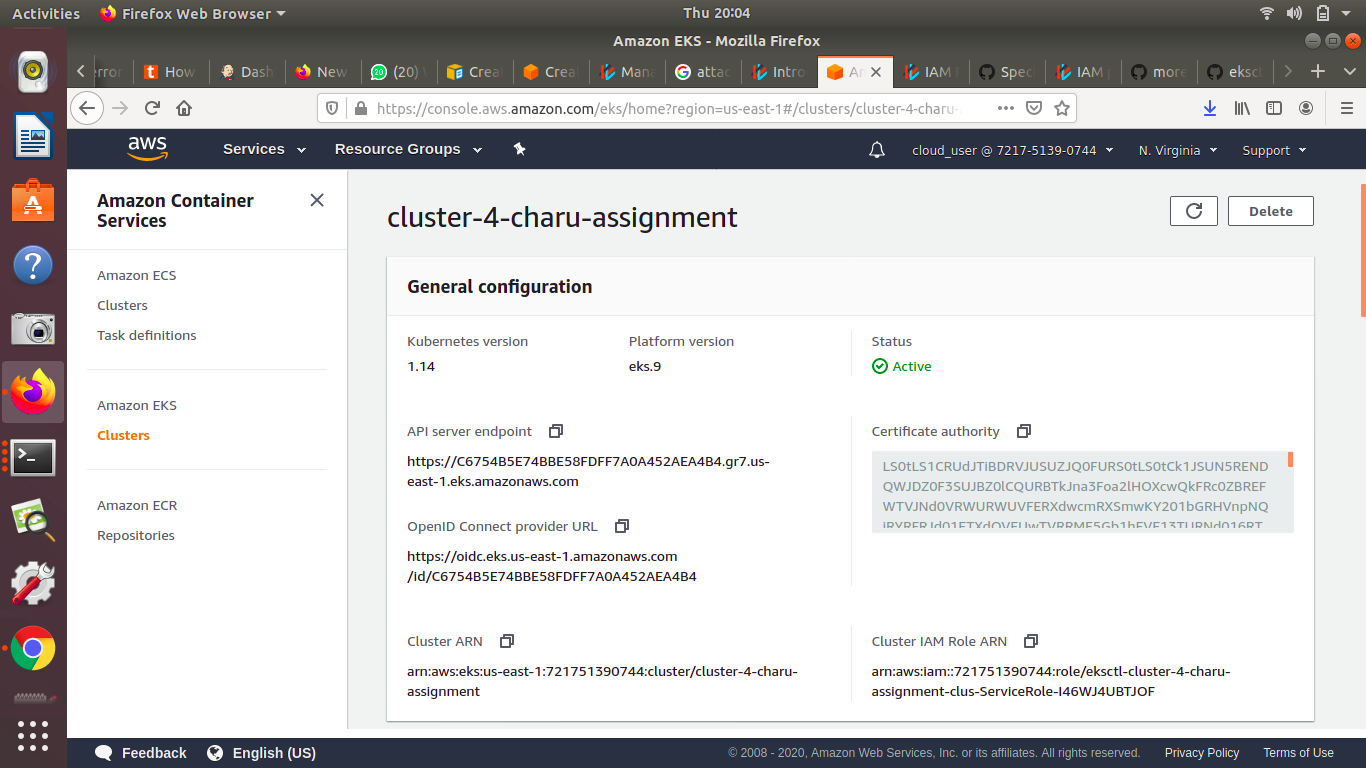






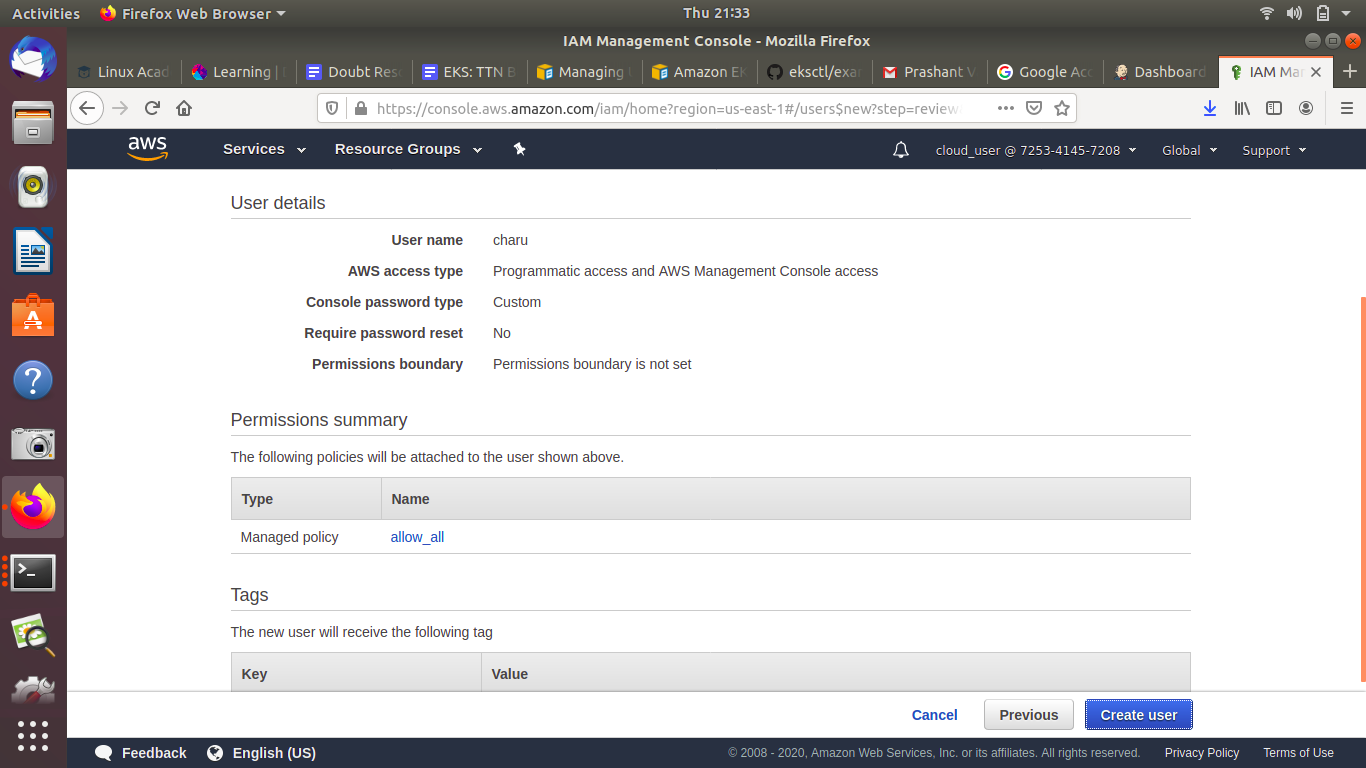


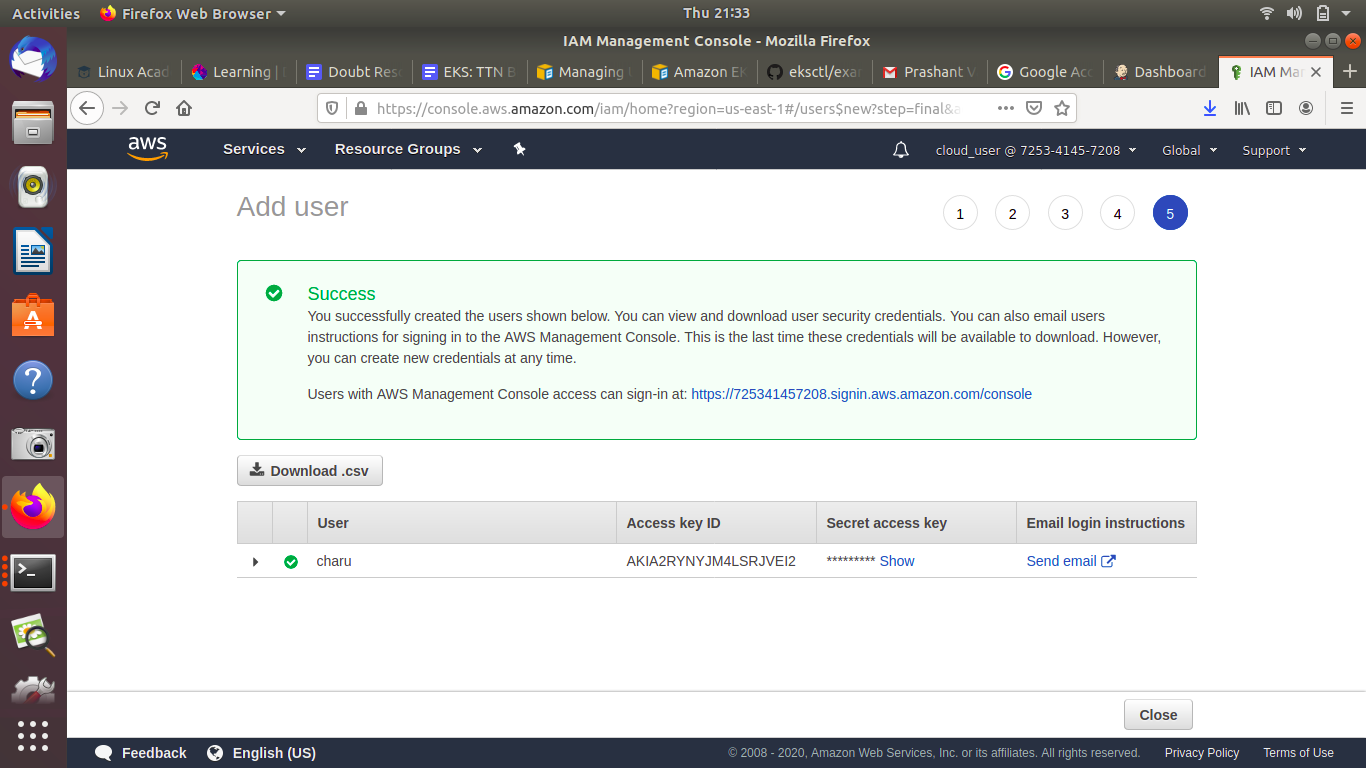


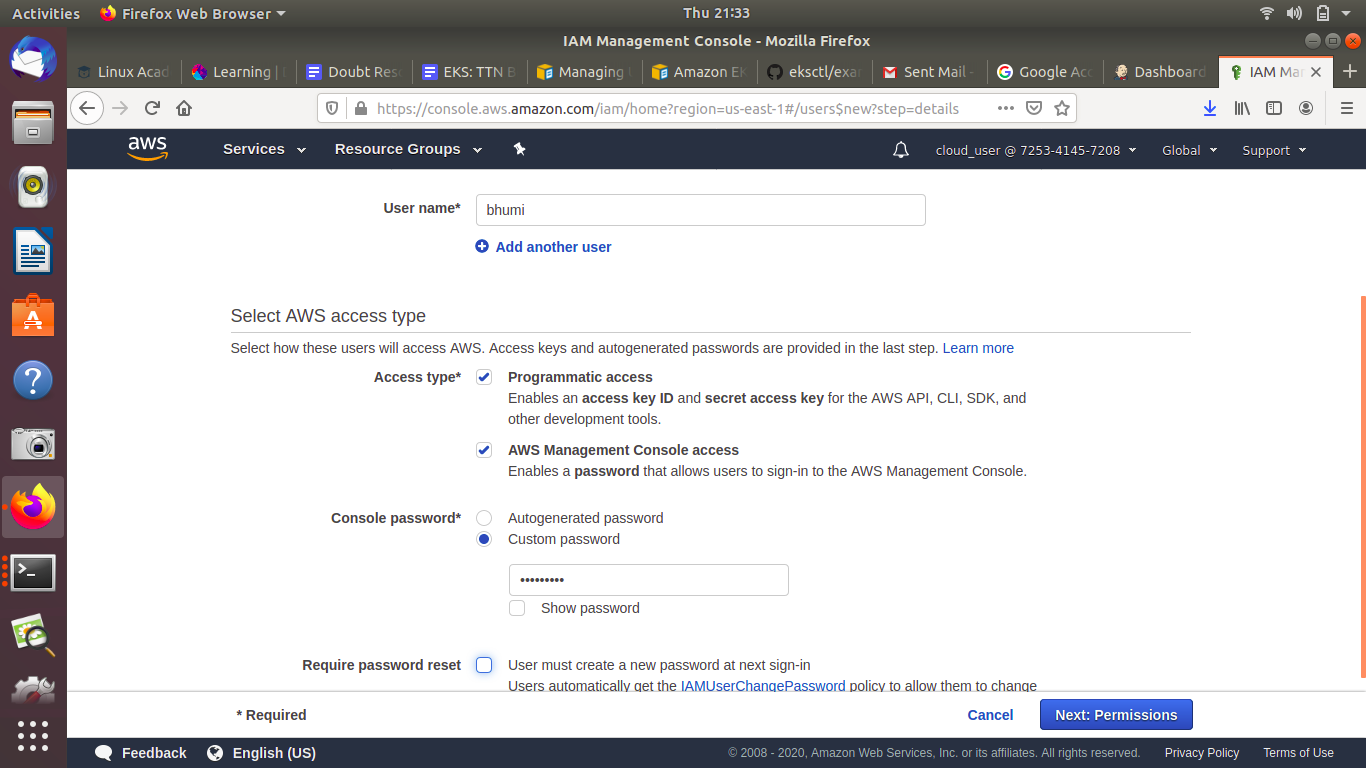


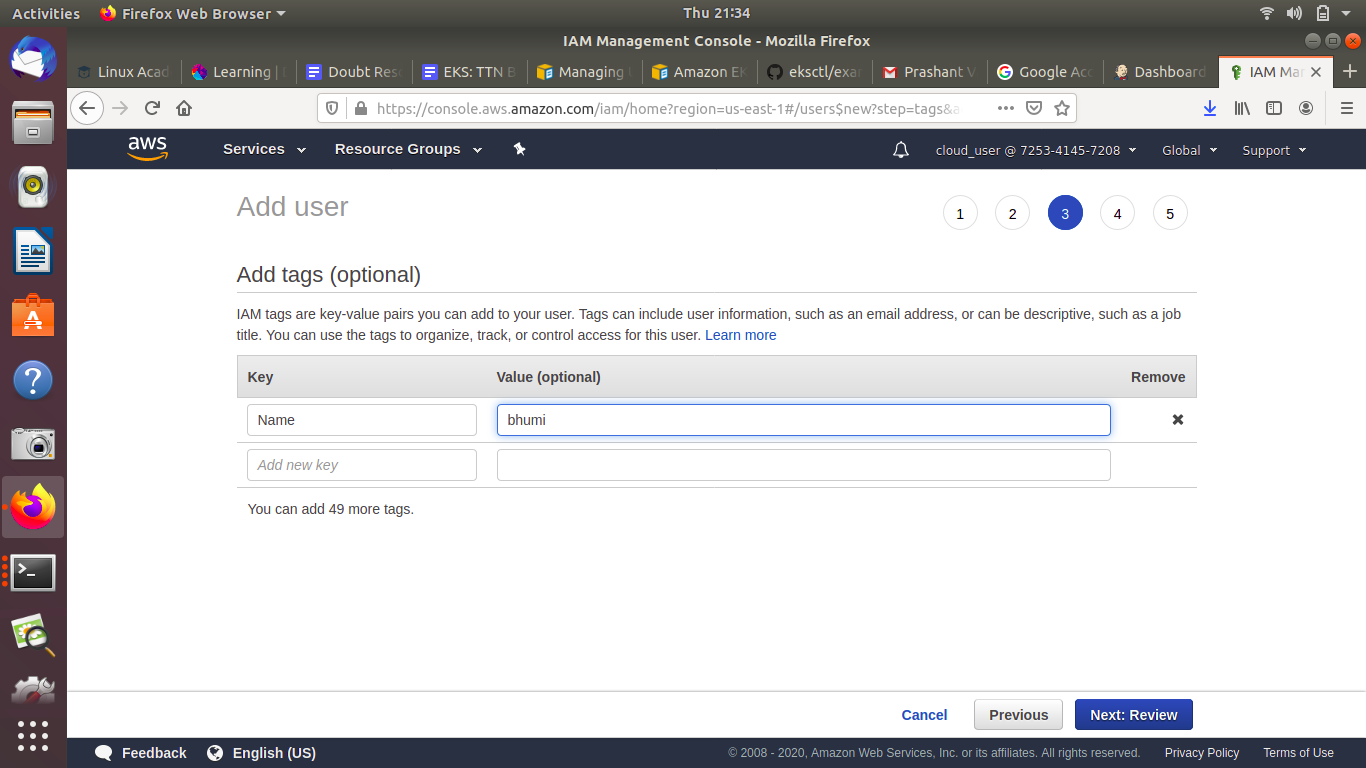
**Authentication Management**

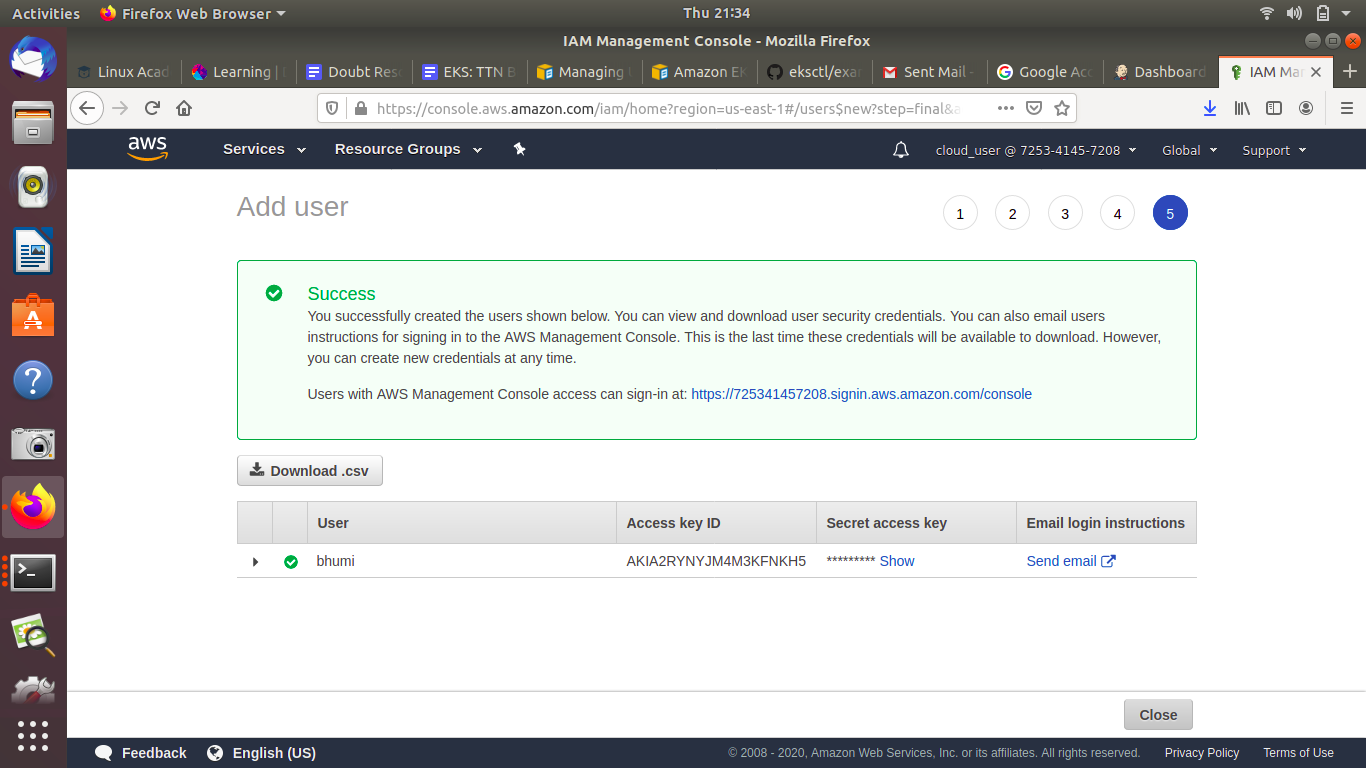
Add new 2 IAM user into the cluster

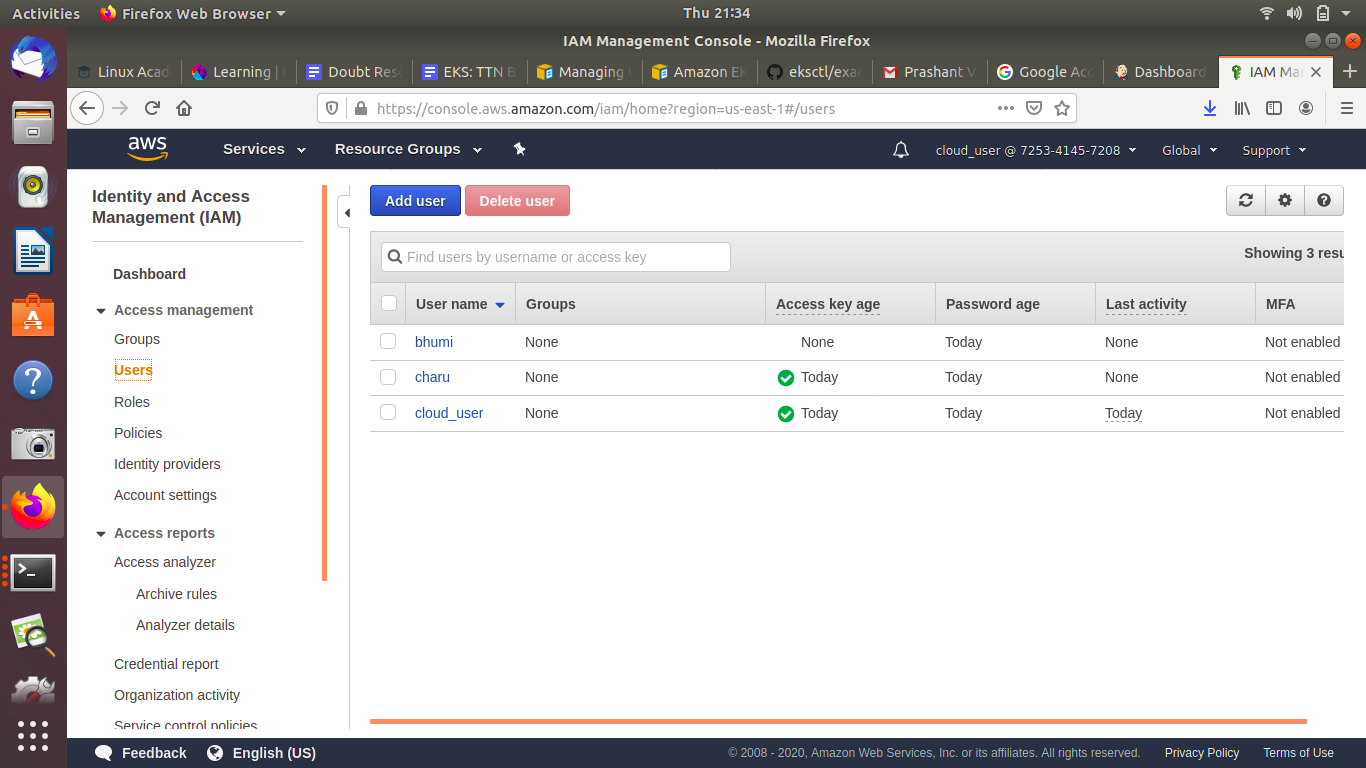


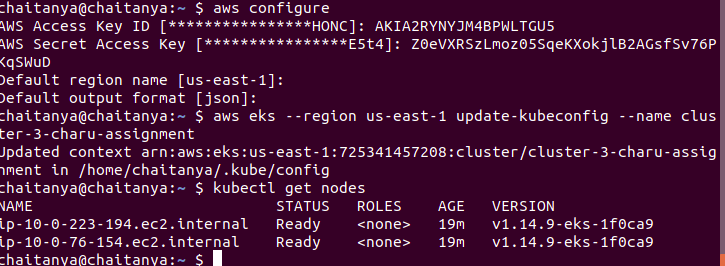


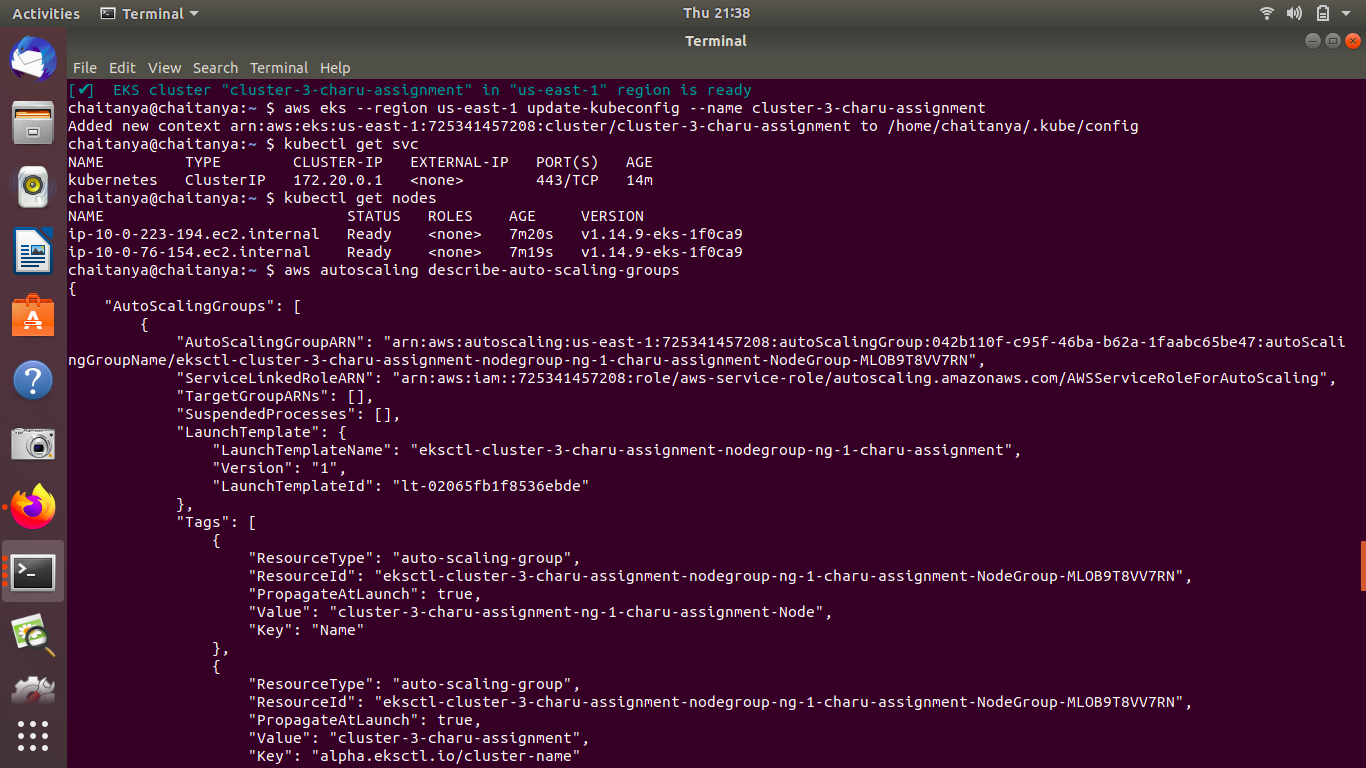


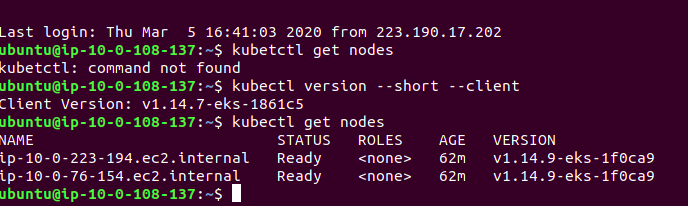




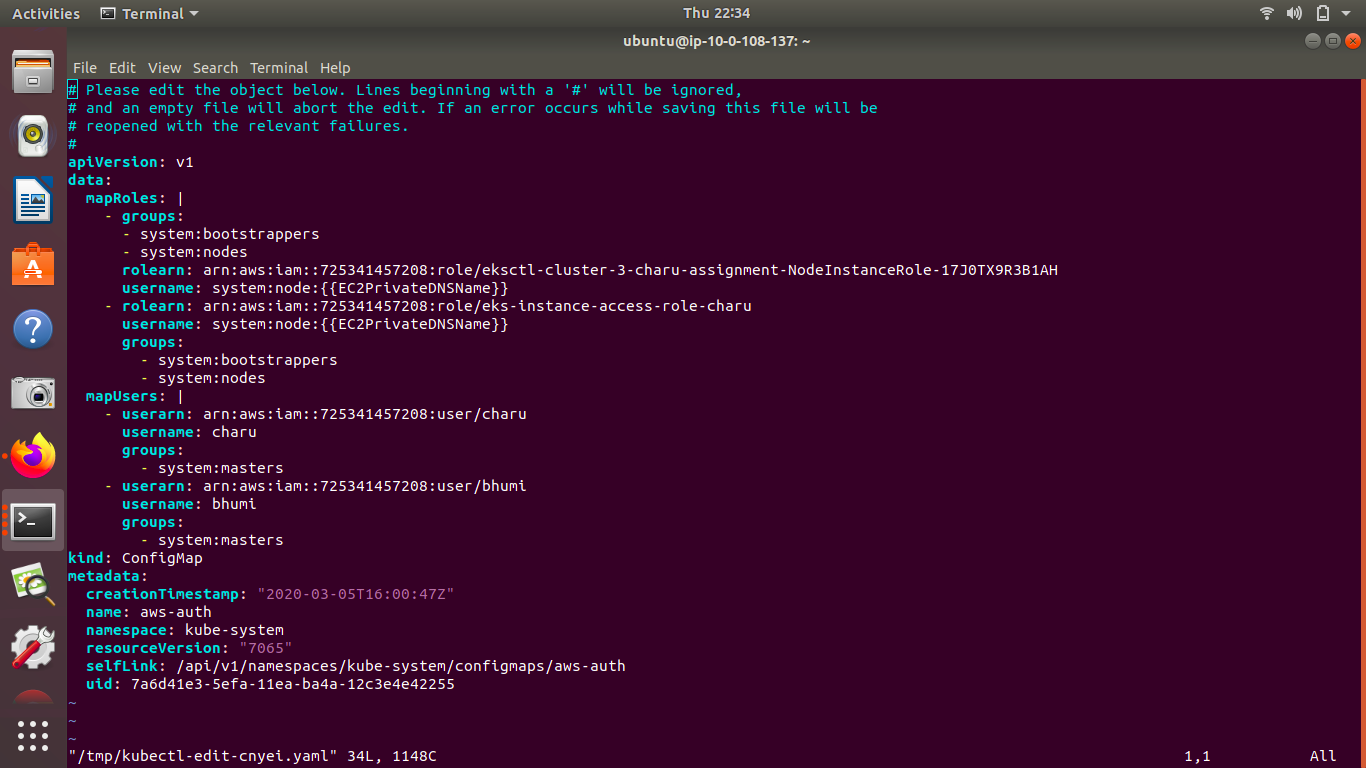


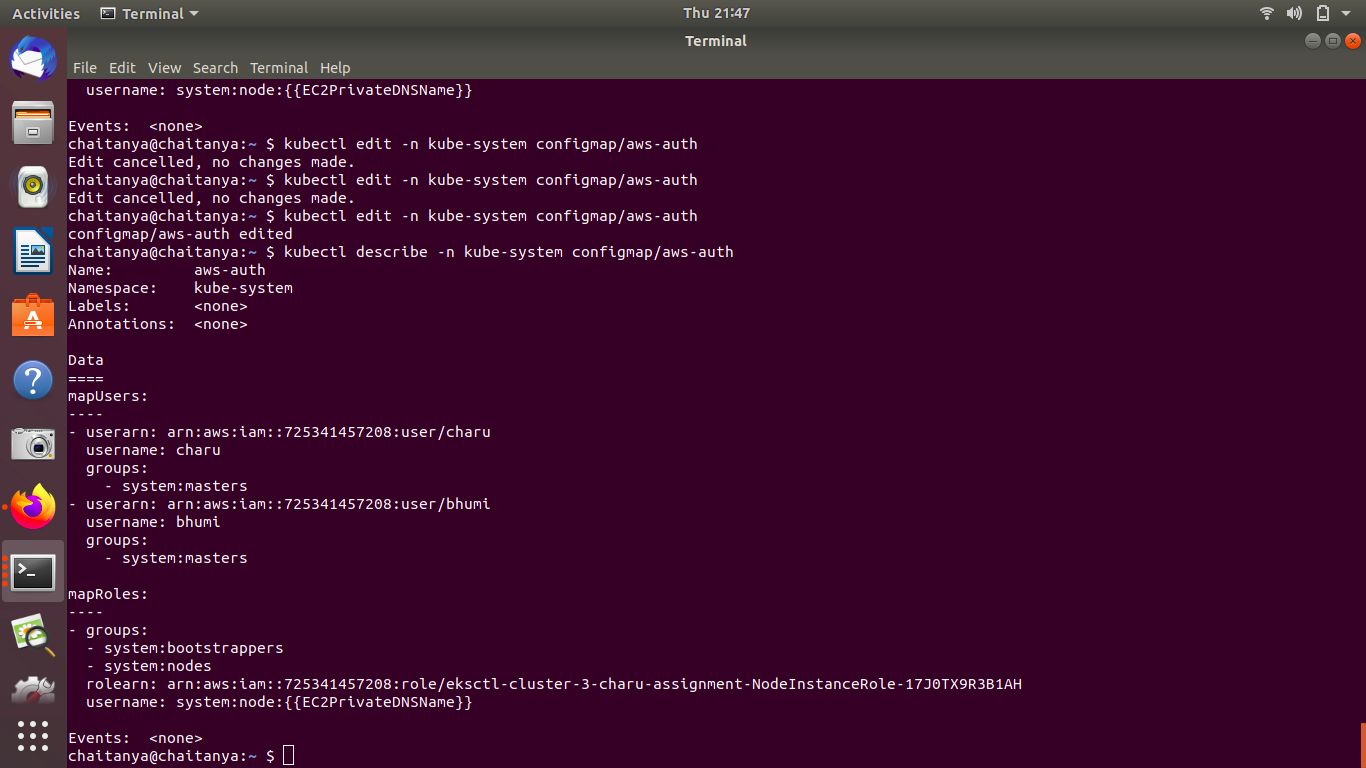






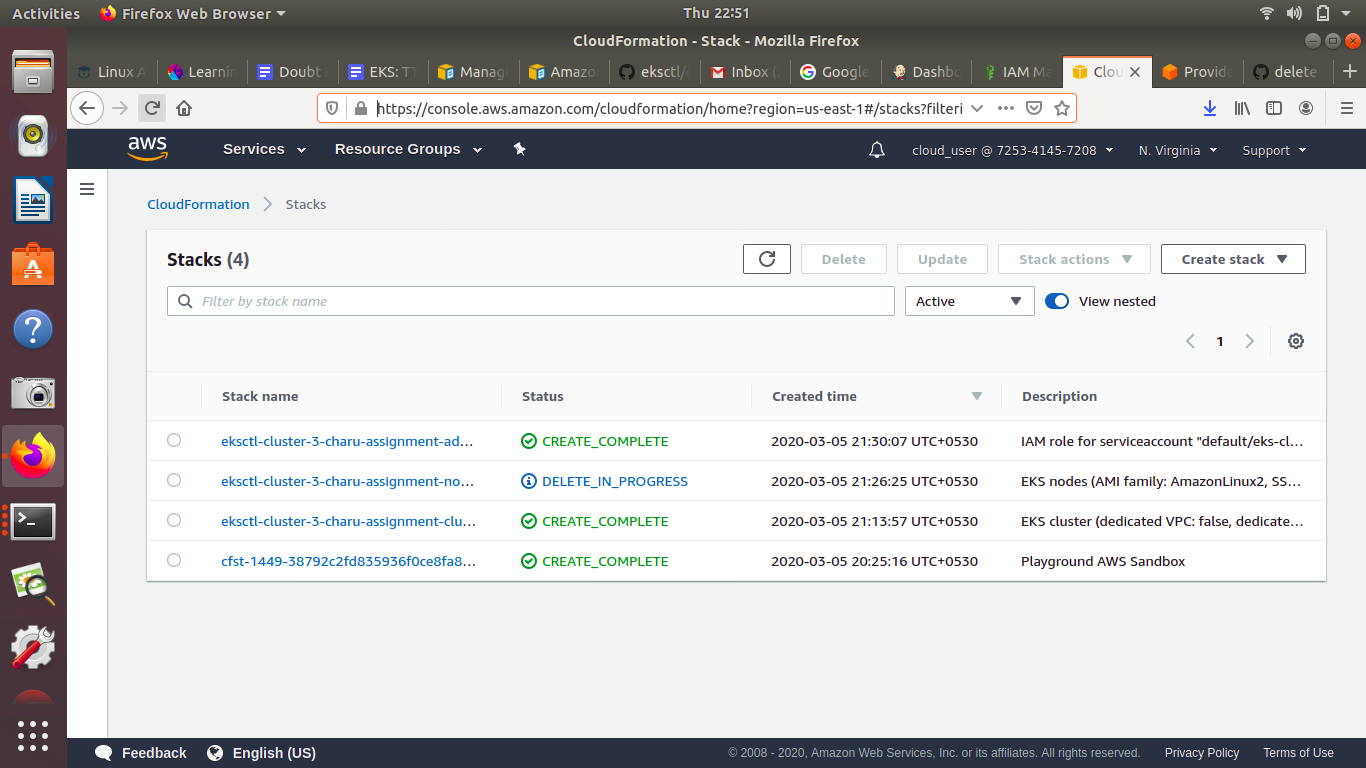
Enable a EC2 server to access Cluster master API without using access/secret key





**Eksctl command to terminate the stack**

**eksctl delete cluster --name=cluster-4-charu-assignment --region=us-east-1**

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