

## **Assessment -17**

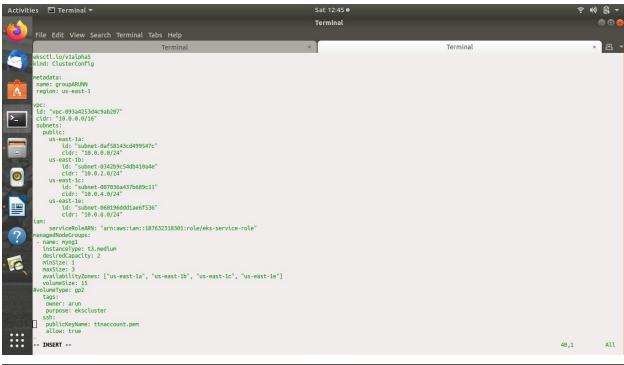
## EKS-1

Trainee Name: Arun Parmar

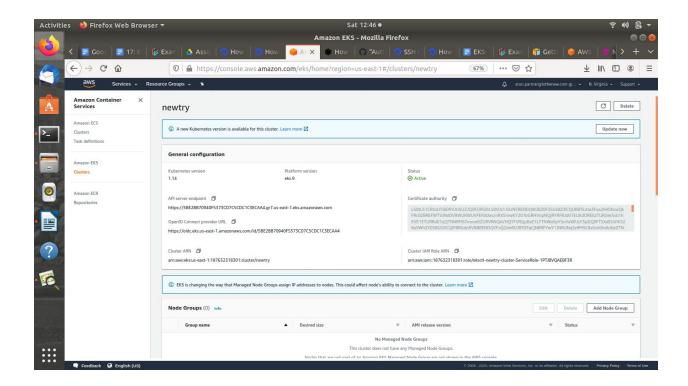
Mentor Name: Ravi Kumar

College: UPES

- 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

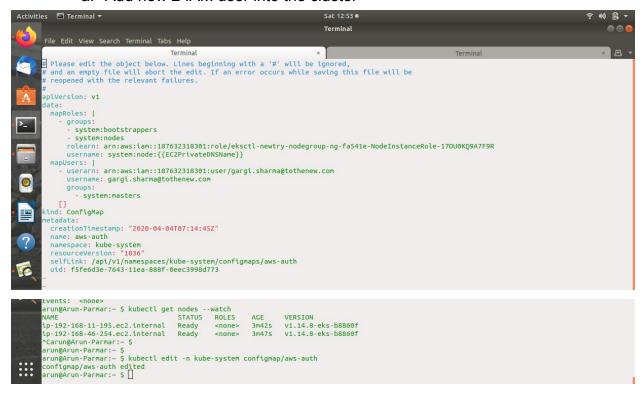






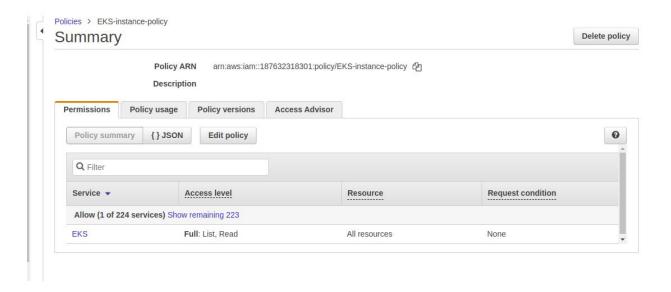
## 2. Authentication Management

a. Add new 2 IAM user into the cluster

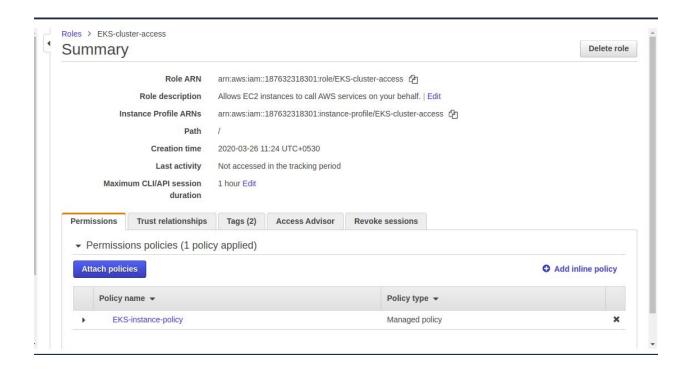


b. Enable a EC2 server to access Cluster master API without using access/secret key

Creating a new policy and specifying EKS as a service



Creating a role and attaching a policy to the role



\$\$ aws eks describe-cluster --name newtry --region us-east-1

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Activities Terminal

Termi
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## 3. Eksctl command to terminate the stack

