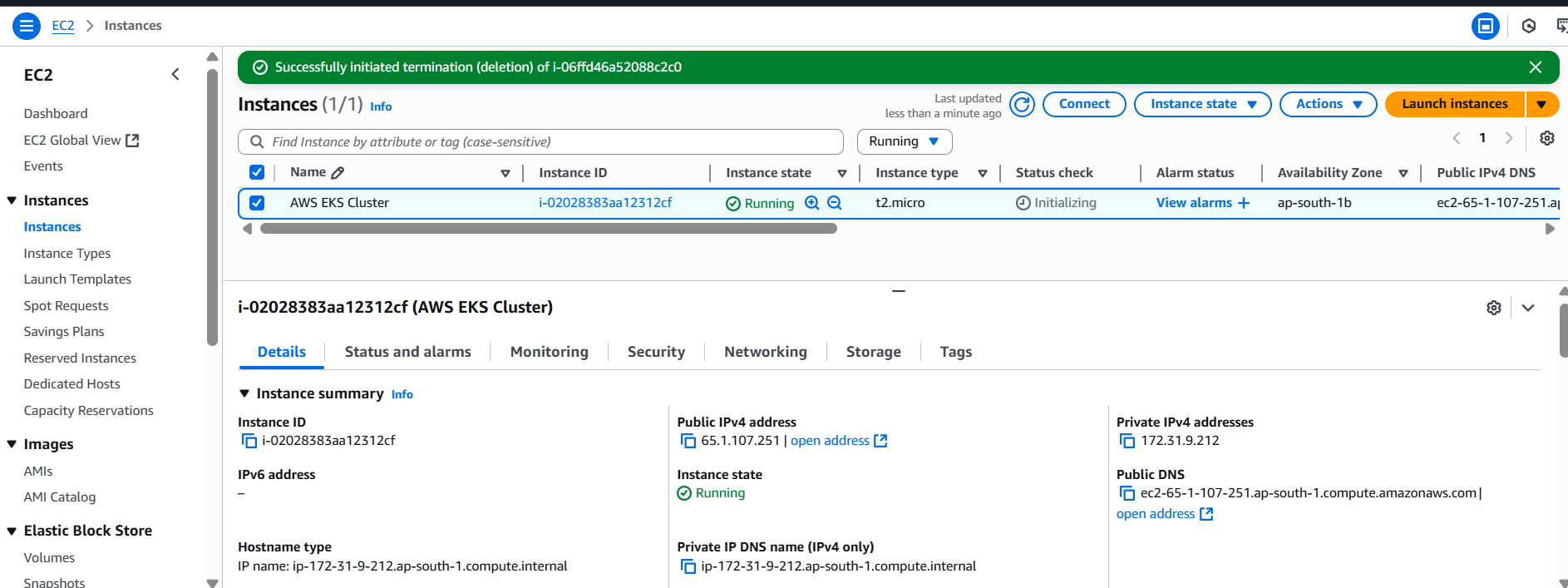
**Kubernetes Task-2**

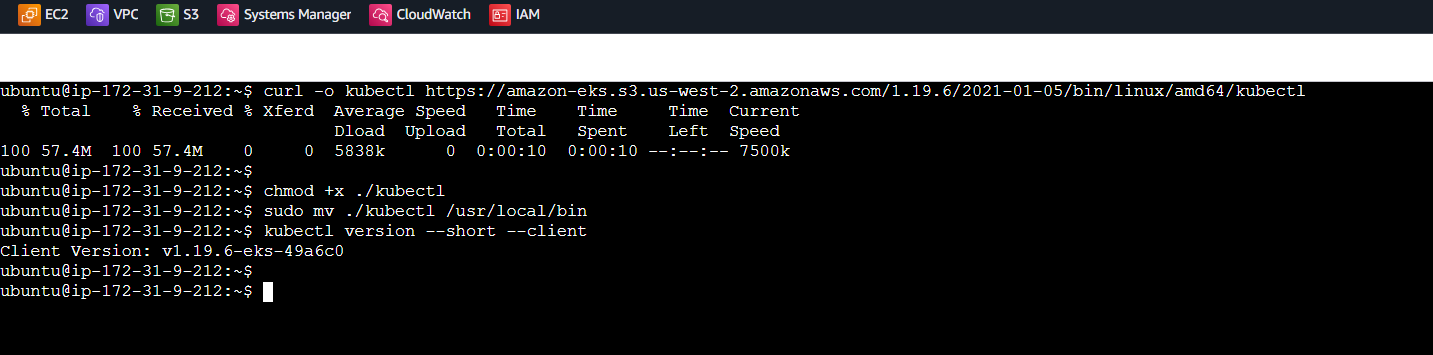
**Task Description:**

Create the K8s EKS, further you have to do the deployment of the Nginx application and access the application outside the cluster.

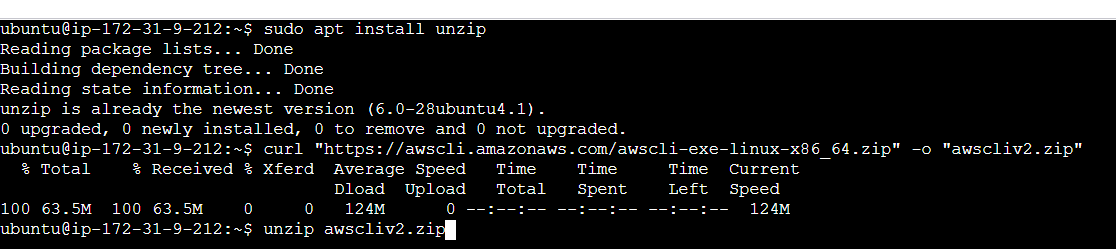
**Step 1: Launch new Ubuntu VM using AWS Ec2 ( t2.micro)**

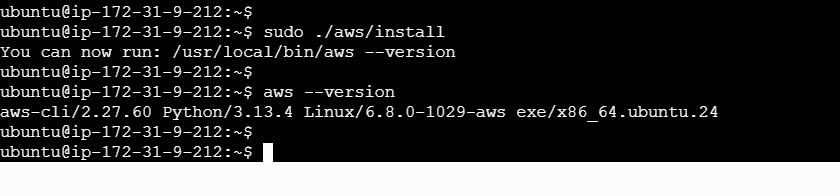
****

**Step 2:Connect to machine and install kubectl**

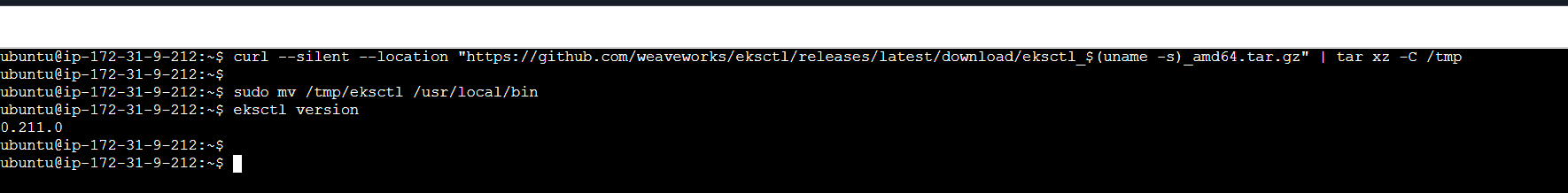
****

**Step 3:Install AWS CLI latest version**

****

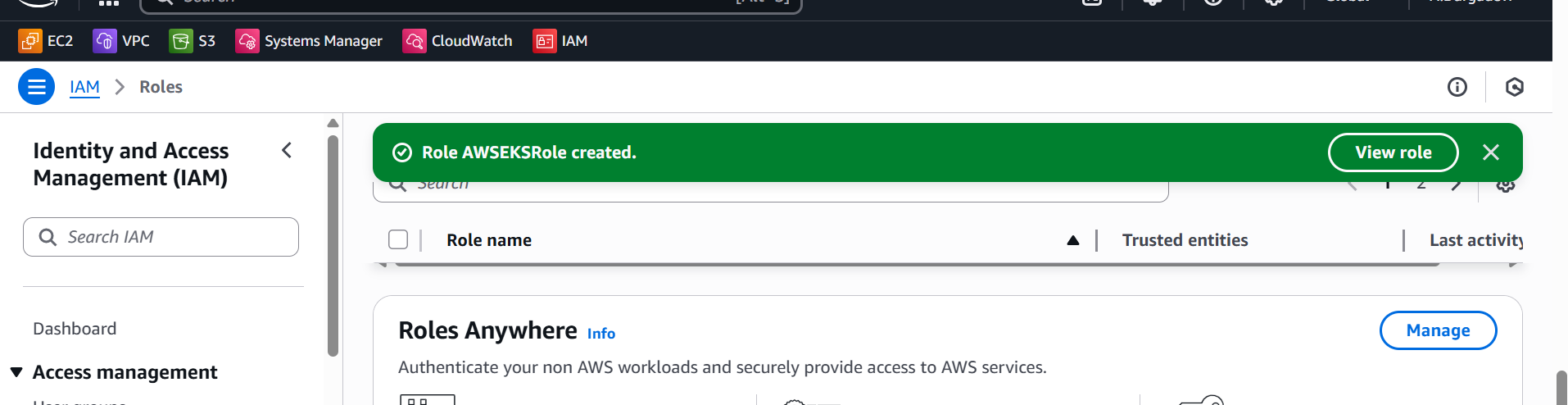
****

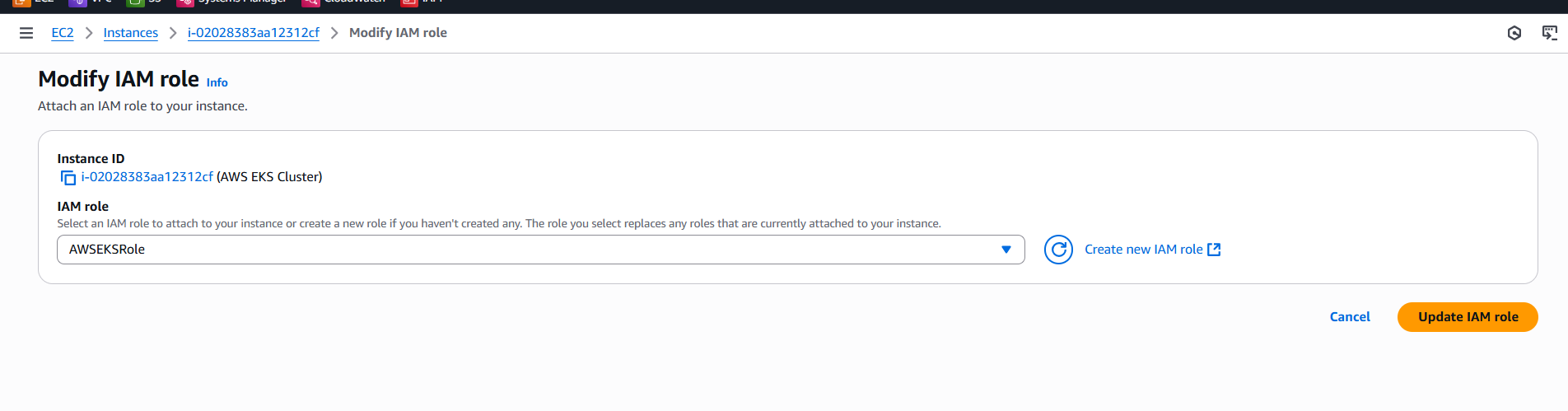
**Step 4:Install eksctl**

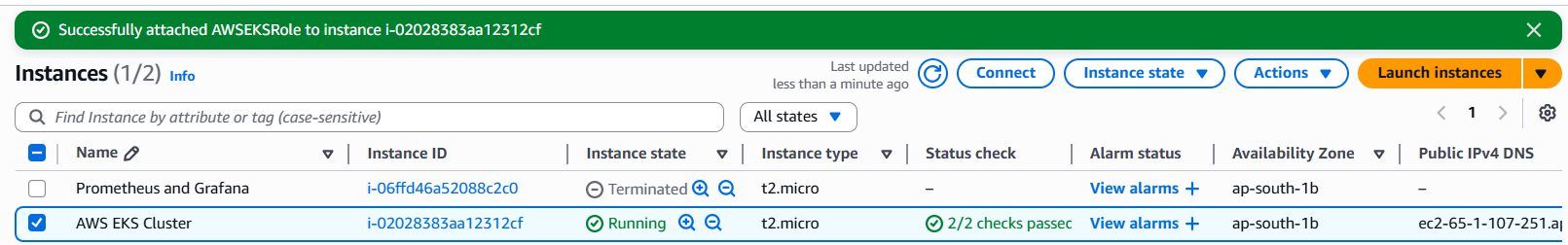
****

**Step 5 : Create IAM role & attach to EKS**

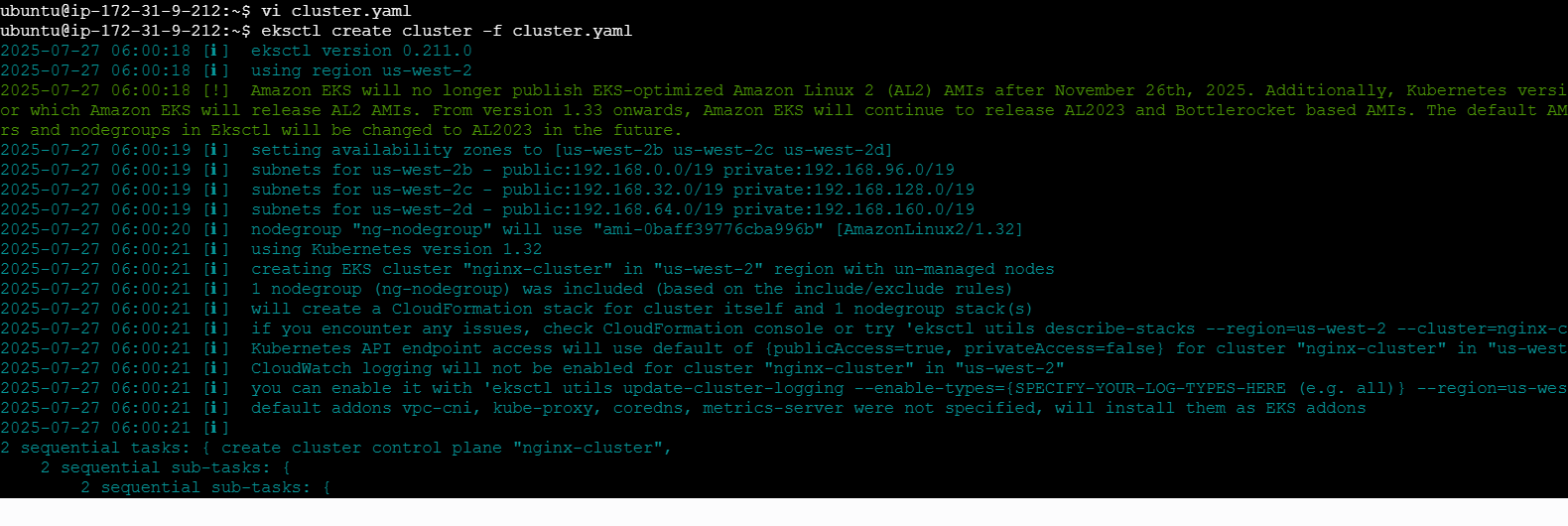
1. Create New Role using IAM service ( Select Usecase - ec2 )
2. Add below permissions for the role
   * Administrator - acces
3. Enter Role Name
4. Attach created role to EKS Management Host (Select EC2 => Click on Security => Modify IAM Role => attach IAM role we have created)

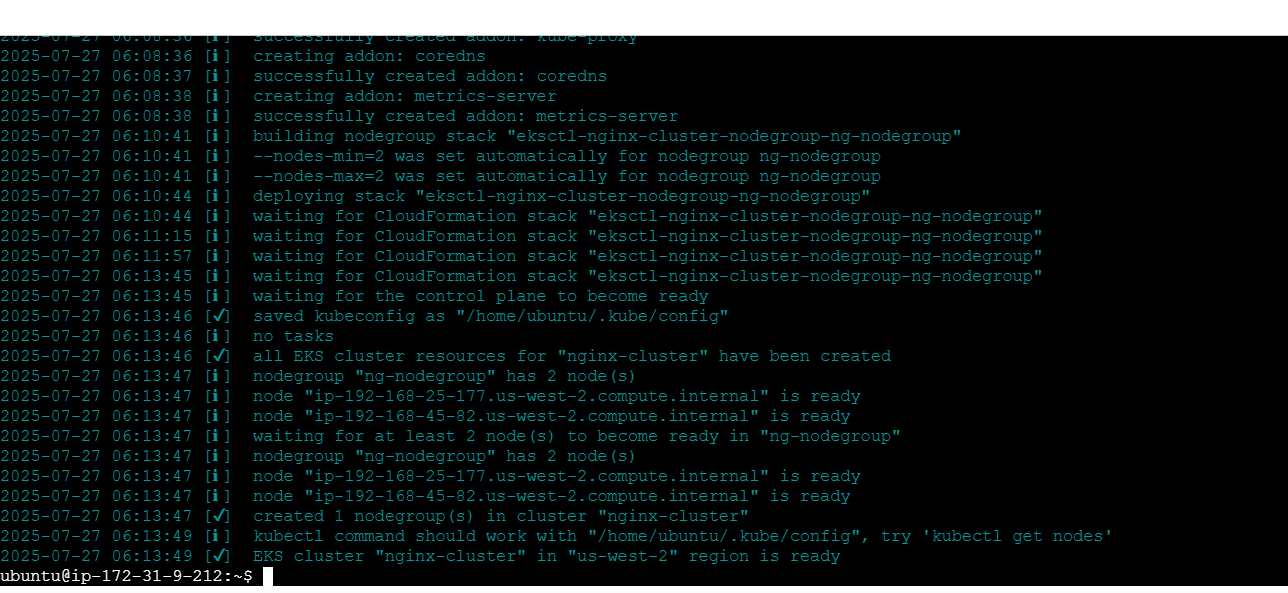
****

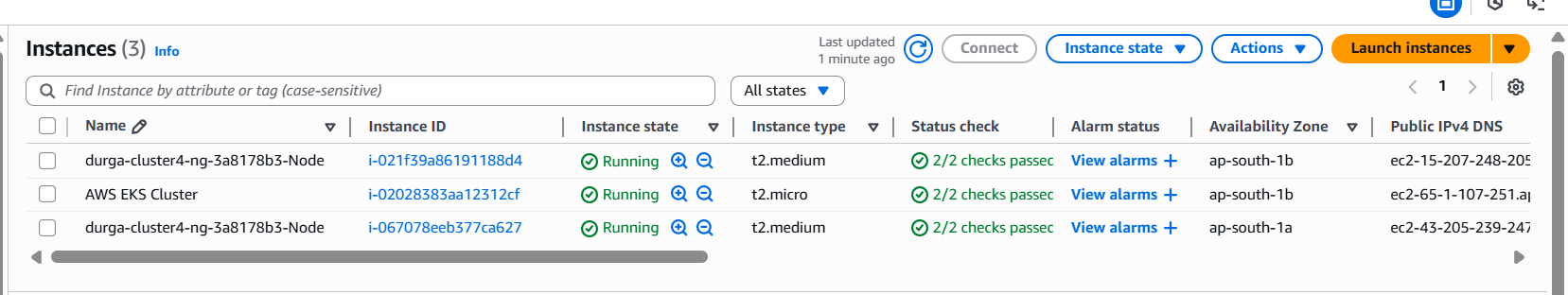
****

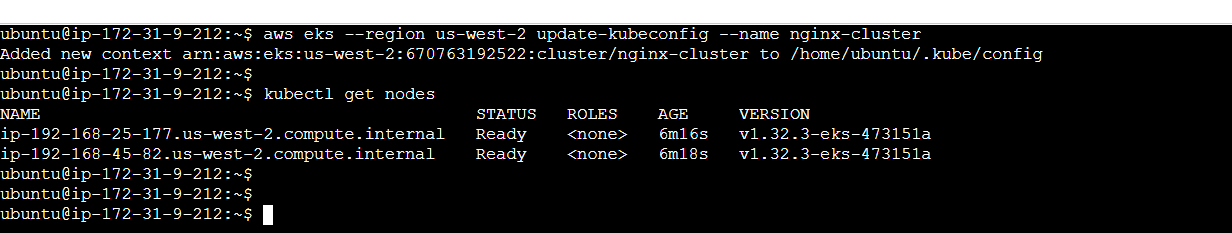
****

**Step 6: Create EKS Cluster using eksctl**

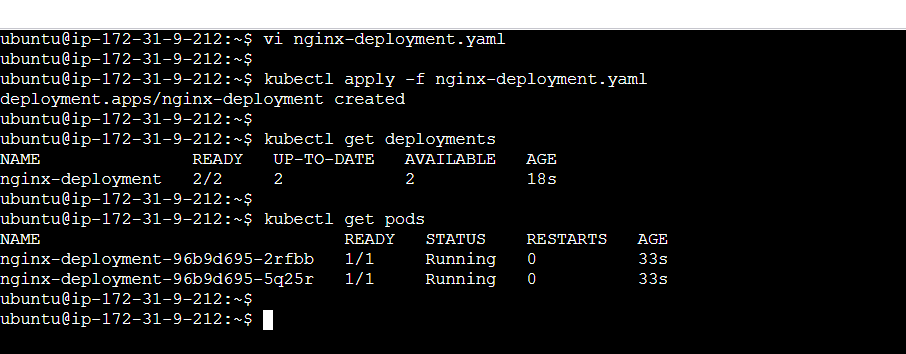
****

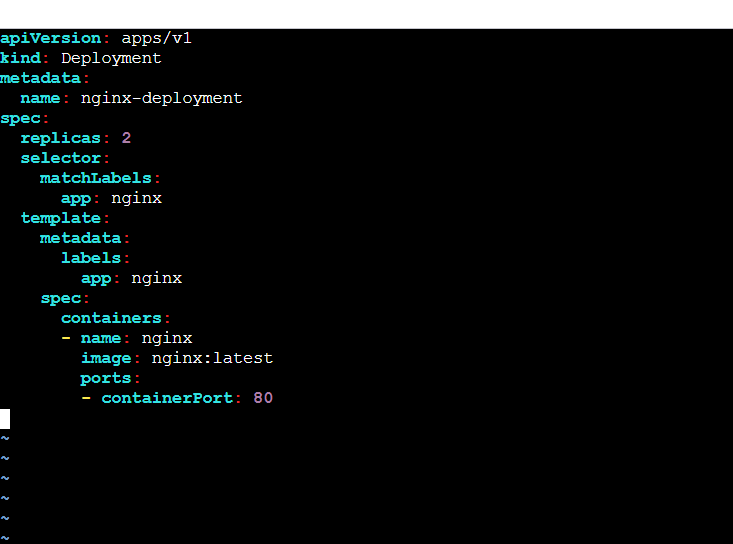
****

**Configure kubectl to Talk to EKS  
**

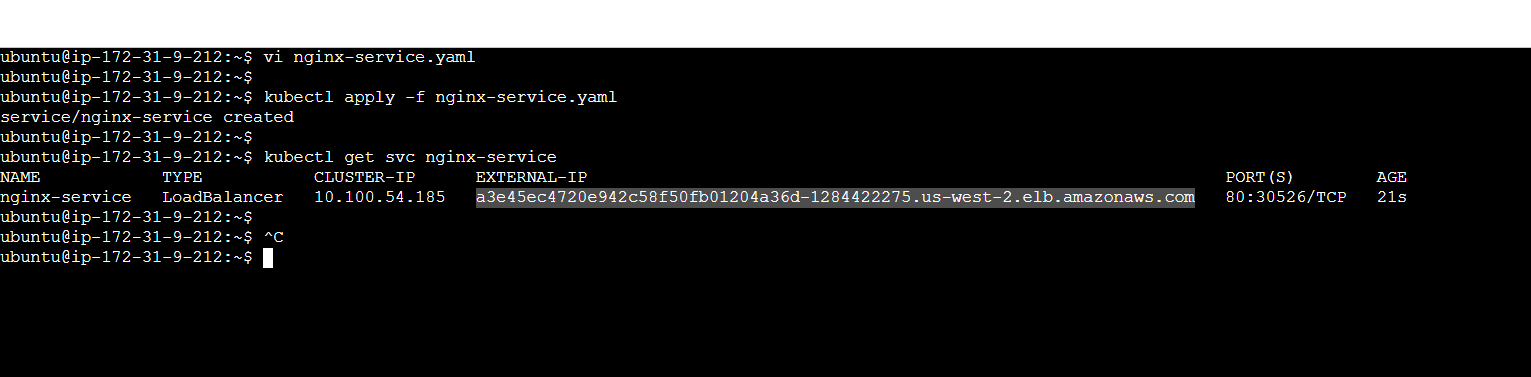
****

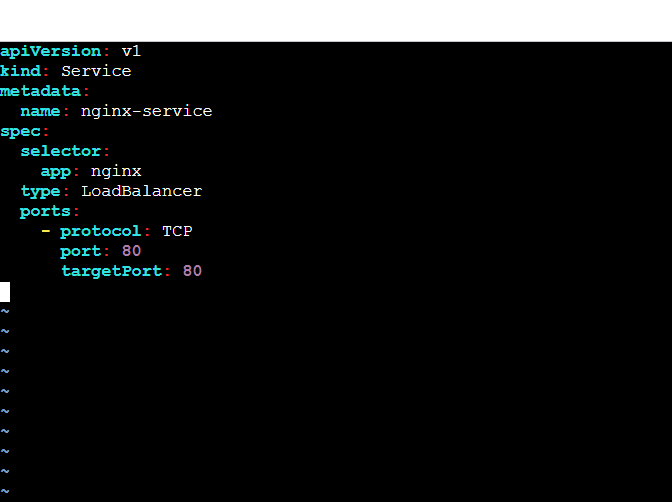
**Step 7: Deploy the NGINX Application**

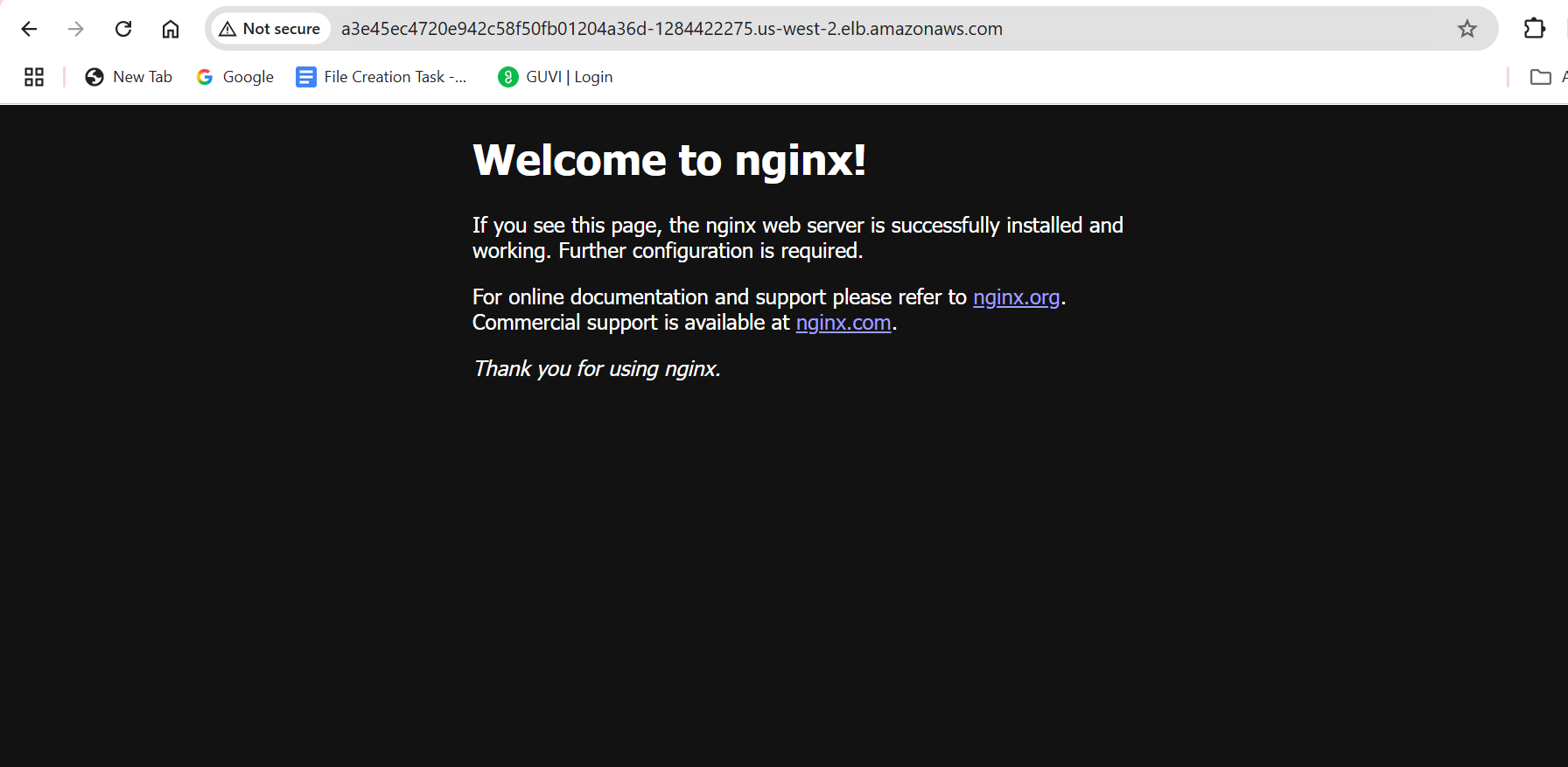
****

****

**Step 7: Expose NGINX Using LoadBalancer**

****

****

**Step 8: Access the NGINX App  
**