Kubernetes Installation: -

#!/bin/bash

# Update package lists

apt-get update

# Install Docker

apt-get install docker.io -y

# Restart Docker service

service docker restart

# Add GPG key for Kubernetes packages

curl -s https://packages.cloud.google.com/apt/doc/apt-key.gpg | apt-key add -

# Add Kubernetes repository to apt sources list

echo "deb http://apt.kubernetes.io/ kubernetes-xenial main" >/etc/apt/sources.list.d/kubernetes.list

# Update package lists again

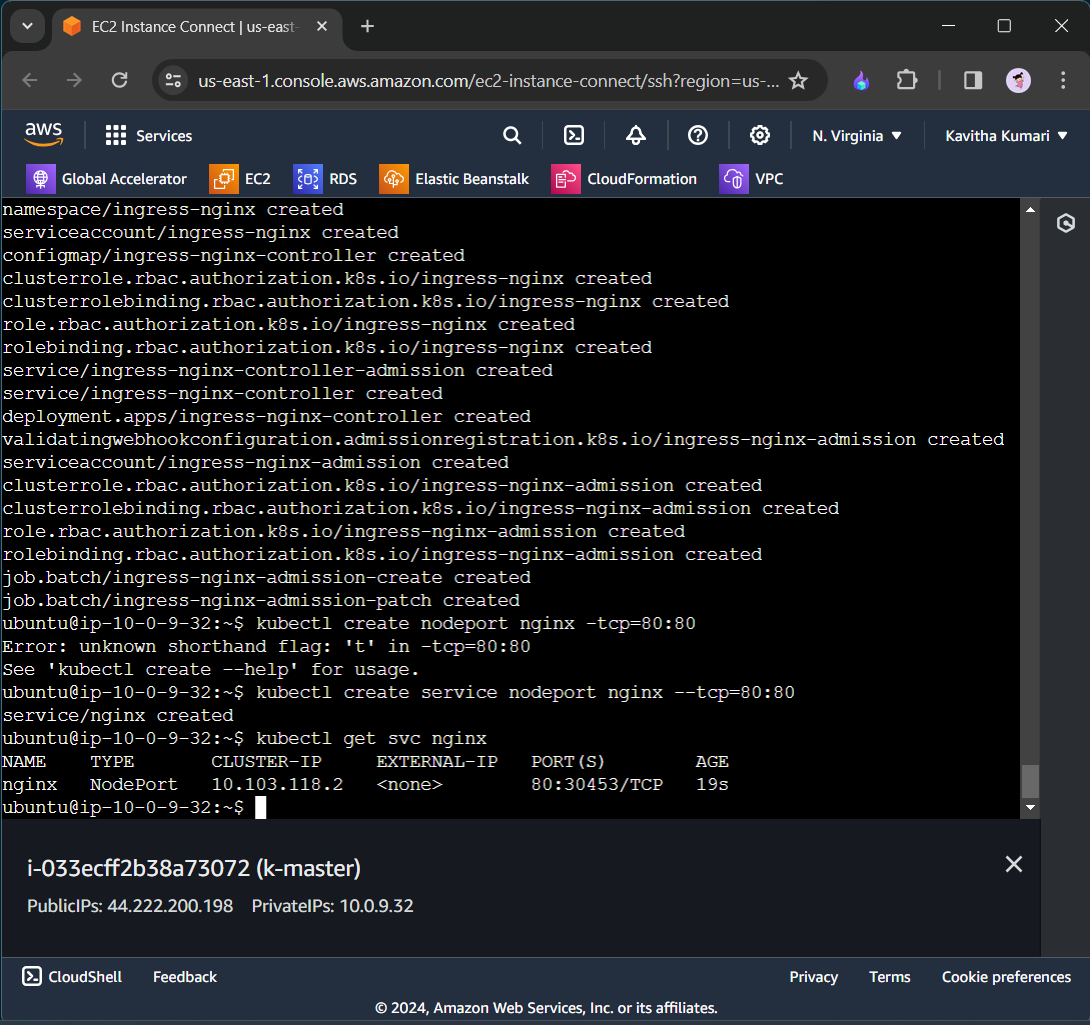
apt-get update

# Install specific versions of Kubernetes components

apt install kubeadm=1.20.0-00 kubectl=1.20.0-00 kubelet=1.20.0-00 -y

* Save this content in the .sh file and simply run bash k.sh. before this enter sudo su to enter as the root user.
* **kubectl apply -f** [**https://raw.githubusercontent.com/kubernetes/ingress-nginx/controller-v0.49.0/deploy/static/provider/baremetal/deploy.yaml**](https://raw.githubusercontent.com/kubernetes/ingress-nginx/controller-v0.49.0/deploy/static/provider/baremetal/deploy.yaml)

**Create the service: -**

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