Installation of Minikube on EC2 Ubuntu

1. Run a public EC2 Server with the following setup

AMI Ubuntu Server 18.04 LTS (HVM), SSD Volume Type

Instance Type t3.micro (2 vCPU, 1GB Memory)

Storage 8 GB (gp2)

Tags â€“ Key: Name

â€“ Value: Minikube

Security Group Name: Minikube Security Group

â€“ SSH, 0.0.0.0/0

Later we will be editing this.

Key Pair Create your own keypair.

You will need this to SSH to your EC2 Instance

We need atleast 2 CPU and 2 GB RAM

2. SSH into your created EC2 Instance using your keypair.

3. Install kubectl

curl -LO https://storage.googleapis.com/kubernetes-release/release/`curl -s https://storage.googleapis.com/kubernetes-release/release/stable.txt`/bin/linux/amd64/kubectl

chmod +x ./kubectl

sudo mv ./kubectl /usr/local/bin/kubectl

4. Install Docker

sudo apt-get update && sudo apt-get install docker.io -y

Minikube requires Docker.

5. Install Minikube

curl -Lo minikube https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64 && chmod +x minikube && sudo mv minikube /usr/local/bin/

6. Check Minikube Version

minikube version

8. Install conntrack

sudo apt-get install -y conntrack

root@debian:/usr/sbin# cd /usr/bin/

root@debian:/usr/bin# ln -s /usr/sbin/conntrack conntrack

9. Start the minikube

minikube start --driver=none

10.

sudo mv /root/.kube /root/.minikube $HOME

sudo chown -R $USER $HOME/.kube $HOME/.minikube