Guide to install a kube cluster using kubeadm tool

The kubeadm tool is good if you need:

* A simple way for you to try out Kubernetes, possibly for the first time.
* A way for existing users to automate setting up a cluster and test their application.
* A building block in other ecosystem and/or installer tools with a larger scope.

You can install and use kubeadm on various machines: your laptop, a set of cloud servers, a Raspberry Pi, and more. Whether you're deploying into the cloud or on-premises, you can integrate kubeadm into provisioning systems such as Ansible or Terraform.

To follow this guide, you need:

* One or more machines running a deb/rpm-compatible Linux OS; for example: Ubuntu or CentOS.
* 2 GiB or more of RAM per machine--any less leaves little room for your apps.
* At least 2 CPUs on the machine that you use as a control-plane node.
* Full network connectivity among all machines in the cluster. You can use either a public or a private network.

Using AWS cloud

For connecting instances to internet

https://docs.aws.amazon.com/vpc/latest/userguide/VPC\_Internet\_Gateway.html#vpc-igw-internet-access

VPC address range is 172.32.0.0/16

Bodha\_vpc

Subnet is bodha\_subnet

Pick the centos AMI ami-0004ecc835dfd72e2

https://kubernetes.io/docs/setup/production-environment/tools/kubeadm/create-cluster-kubeadm/