**Setup Kubernetes in Ubuntu 22.04 using Kubeadm**

Steps Involved:

Assign Static IP

Set Hostnames

Edit /etc/hosts file

Disable firewall and edit Iptables settings

Setup Kubernetes Repo

Installing Kubeadm and Docker, Enable and start the services

Disable Swap

Initialize Kubernetes Cluster

Installing Pod Network using Calico network

Join Worker Nodes

**Set Hostnames**

After login to all 3 Ubuntu server - kubemaster, kubeworker-1 and kubeworker-2

# hostnamectl set-hostname "kubemaster"

Then update and upgrade

# apt update

# apt upgrade -y

# reboot

**Edit /etc/hosts file to map server IP with hostname**

# nano /etc/hosts

192.168.100.7 kmaster.iiml.local kmaster

192.168.100.8 kworker1.iiml.local kworker1

192.168.100.9 kworker2.iiml.local kworker2



**Disable Swap**

# swapoff -a

# free -h

