

KIND SETUP

```
$sudo apt install docker.io
$sudo groupadd docker
$sudo usermod -aG docker $USER
$newgrp docker
$sudo chmod 777
/var/run/docker.sock
$nano .bashrc
export GOROOT=/usr/lib/go
export GOPATH=$HOME/go
export
PATH=$PATH:$GOROOT/bin:$GOPATH/bin
$GO111MODULE="on" go get
sigs.k8s.io/kind@v0.8.1
$kind create cluster --config
kind-init-config.yaml
export
$KUBECONFIG=$KUBECONFIG:$HOME/.kube
e/config
```

RANCHER SETUP

```
$sudo docker run -d --
restart=unless-stopped -p 80:80 -p
443:443 rancher/rancher
https://localhost:443
```

Version:
Ubuntu18.04 TLS
Kernel: 4.15.0-29
Kubernetes v1.18

Kubernetes home lab

