

KOPS Kubernetes Installation:

<https://ramhiser.com/post/2018-05-20-setting-up-a-kubernetes-cluster-on-aws-in-5-minutes/>

<https://medium.com/google-cloud/kubernetes-101-pods-nodes-containers-and-clusters-c1509e409e16>

Create DNS Zones & S3 bucket

wget<https://storage.googleapis.com/kubernetes-release/release/v1.11.0/bin/linux/amd64/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>

curl -LO<https://github.com/kubernetes/kops/releases/download/$(curl> -s<https://api.github.com/repos/kubernetes/kops/releases/latest> | grep tag\_name | cut -d '"' -f 4)/kops-linux-amd64

chmod +x kops-linux-amd64

chmod +x kubectl

sudo mv kops-linux-amd64 /usr/local/bin/kops

sudo mv kubectl/usr/local/bin/kubectl

ssh-keygen

export NAME=awsb49.xyz

export KOPS\_STATE\_STORE=s3://awsb49.xyz

export AWS\_REGION=us-east-1

export CLUSTER\_NAME=awsb49.xyz

export EDITOR='/usr/bin/nano'

#export K8S\_VERSION=1.6.4

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#export K8S\_VERSION=1.6.4

kops create cluster --name=awsb49.xyz \

--state=s3://awsb49.xyz --zones=us-east-1a,us-east-1b,us-east-1c \

--node-count=2 --master-count=1 --node-size=t3.medium --master-size=t3.medium \

--master-zones=us-east-1a --master-volume-size 10 --node-volume-size 10 \

--ssh-public-key ~/.ssh/id\_rsa.pub \

--dns-zone=awsb49.xyz --yes

kops delete cluster --nameawsb49.xyz --state=s3://awsb49.xyz --yes