#

1.) Create a new Bootstrap token and construct worker-node join command

$ kubeadm token create --print-join-command

Output:

sudo kubeadm join 10.128.0.18:6443 --token 6fy33p.l2b4am7ibevz1ye8 --discovery-token-ca-cert-hash sha256:de57d9e08877db501a8b503db3ee91596f8f5657878c3087bc0343ece7df3eb2

Optional:

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2.) List existing 'Bootstrap Tokens' and 'discovery token ca certification hash value' & Construct worker node join command

Example Syntax:

kubeadm join <MASTER-END-POINT> --token <Token> --discovery-token-ca-cert-hash sha256:<hash-value>

1. List <Token>

$ kubeadm token list

Output: 0isp8p.by0mwcklmnqpdbq1

2. List discovery token ca cert <hash-value>

$ openssl x509 -pubkey -in /etc/kubernetes/pki/ca.crt | openssl rsa -pubin -outform der 2>/dev/null | openssl dgst -sha256 -hex | sed 's/^.\* //'

Output: 1155f6468f92d60886f72a3ada57ac97edcac1227e8af6b0b1adeda9d9305824

Know about your cluster:

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3. Check kubernetes <MASTER-END-POINT>

$ kubectl cluster-info

Output: Kubernetes master is running at https://10.128.0.7:6443

Example:

kubeadm join 10.128.0.7:6443 --token 0isp8p.by0mwcklmnqpdbq1 --discovery-token-ca-cert-hash sha256:1155f6468f92d60886f72a3ada57ac97edcac1227e8af6b0b1adeda9d9305824