

#

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:de57d9e08877db501a8b503db3ee91596f8f5657878c
3087bc0343ece7df3eb2
```

Optional:

=====

#

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.by0mwcklmnqpdqb1

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:

```
1155f6468f92d60886f72a3ada57ac97edcac1227e8af6b0b1ad
eda9d9305824
```

Know about your cluster:

=====

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.by0mwcklmnqpdqb1 --discovery-token-ca-cert-hash  
sha256:1155f6468f92d60886f72a3ada57ac97edcac1227e8af6  
b0b1adeda9d9305824
```