

Setting Up the MKE Cluster - Part 1

Preparing Infrastructure

1 Create SSH key on admin VM

```
$ ssh-keygen -t rsa -b 4096
```

2 List out SSH keys on admin

```
$ ls ~/.ssh
```

3 Covert Private RSA key to PEM format

```
$ openssl rsa -in ~/.ssh/id_rsa -out  
~/.ssh/id_rsa.pem
```

```
$ ls ~/.ssh
```

```
$ cat ~/.ssh/id_rsa.pem
```

4 Add Public key to manager & worker

```
$ cat ~/.ssh/id_rsa.pub
```

5 SSH to manager node from Admin

```
$ ssh -i ~/.ssh/id_rsa.pem  
$USER@<manager-external-IP>
```

6 Setup passwordless access on manager node

```
$ sudo visudo
```

```
# Add the following line at the bottom of  
the file, right after /etc/sudoers.d
```

```
$USER ALL=(ALL) NOPASSWD: ALL
```

7 Test the passwordless access.

```
$ ping google.com
```



8

SSH to worker node from Admin

```
$ ssh -i ~/.ssh/id_rsa.pem  
USER@<worker-external-IP>
```

9

Setup passwordless access on worker node

```
$ sudo visudo
```

```
# Add the following line at the bottom of  
the file, right after /etc/sudoers.d
```

```
$USER ALL=(ALL) NOPASSWD: ALL
```

10

Test the passwordless access.

```
$ ping google.com
```

