

## Creating a passwordless entry on Centos 6.5.

You can enter a linux system without entering a password using below steps. We will be creating a ssh jey which will be share between the servers, which will be used to authenticate. This is also a secure way of connecting to server, as the private key is inside the user home directory and can only be accessed by the user.

In the exmaple below we are make connecting to SERVER02 and SERVER03 passwordless from SERVER01.

```
SERVER01 ----(no password) ----- > SERVER02
      |
      ----- > SERVER03
```

### Creating passwordless entry from (SERVER01) to other servers.

Create a rsa key on SERVER01

```
ssh-keygen -t rsa
```

Create .ssh directory on other 2 servers.

```
ssh ahmed@SERVER02 mkdir -p .ssh
```

```
ssh ahmed@SERVER03 mkdir -p .ssh
```

Add the id\_rsa.pub to authorized\_keys

```
cat ~/.ssh/id_rsa.pub | ssh ahmed@SERVER02 'cat >> .ssh/authorized_keys'
```

```
cat ~/.ssh/id_rsa.pub | ssh ahmed@SERVER03 'cat >> .ssh/authorized_keys'
```

Make sure we have the right permissions.

```
ssh ahmed@SERVER02 chmod 744 -R .ssh
```

```
ssh ahmed@SERVER03 chmod 744 -R .ssh
```

Testing.

```
ssh ahmed@SERVER02
```

```
ssh ahmed@SERVER03
```