**PASSSWORD LESS CONNETION BETWEEN MASTER AND SLAVE**

Connect Slave machine

**Install java**

***#yum install java-1.8.0-openjdk -y***

Verify java install or not

***Java -version***

We need to establish connection between master and slave machine

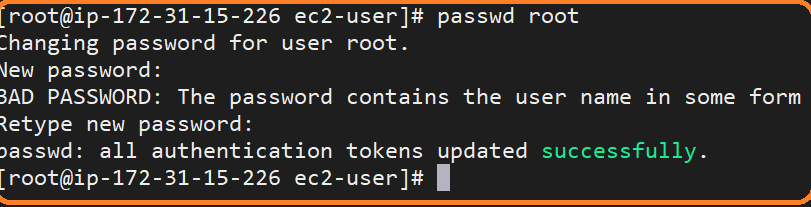
Connect slave machine

Check username

**#whoami**

root

**We need to create password for root user using below steps**



Go to ssh directory in slave machine

*#cd /etc/ssh*

We need to modify the file **sshd\_config** file usner /**etc/ssh** directory using vi editor

***#vi sshd\_config***



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By default, it will no **no,** we have to change **yes**

**Restart the SSHD server**

***#systemctl restart sshd.service***

**Test connection from Master to Slave machine**

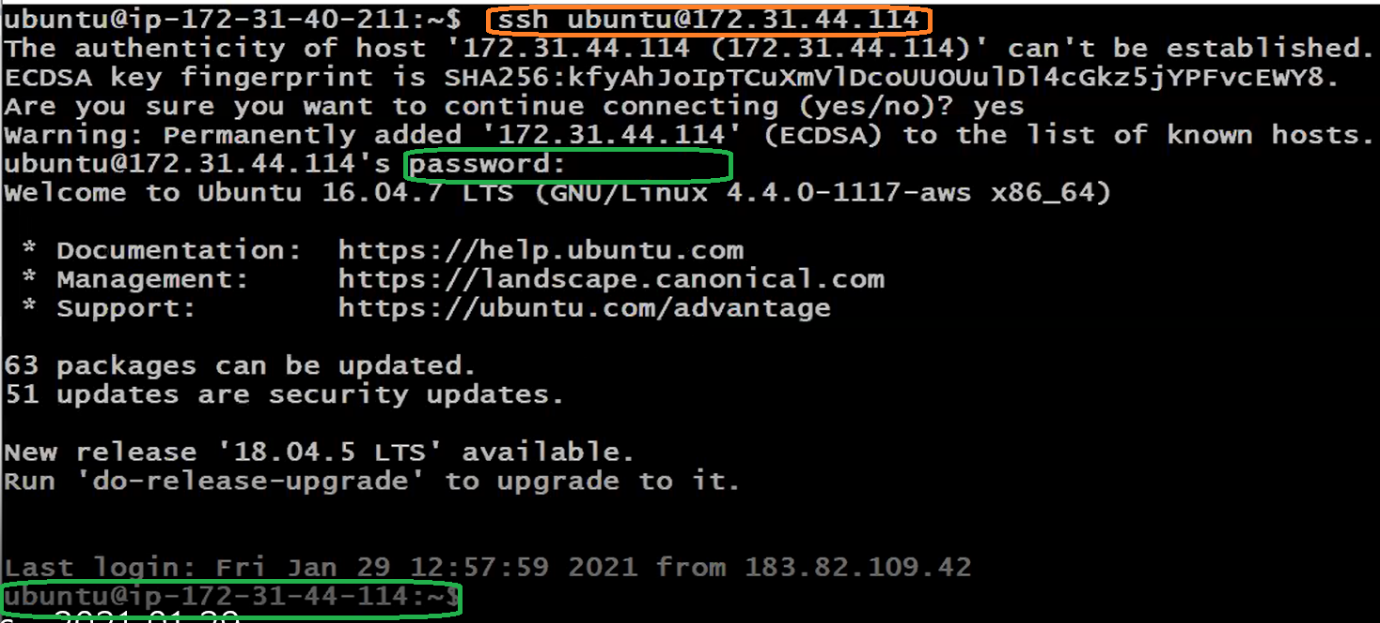
Connect to master server

***#ssh <slave-username>@<privateIP-Address of Slave machine>***

***#ssh*** [***root@172.31.44.114***](mailto:root@172.31.44.114)

**Ip Address ending with 114 is slave**

**IP Address ending with 211 is master**

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**Jenkins need to communicate slave machine without password for that we need generate keys**

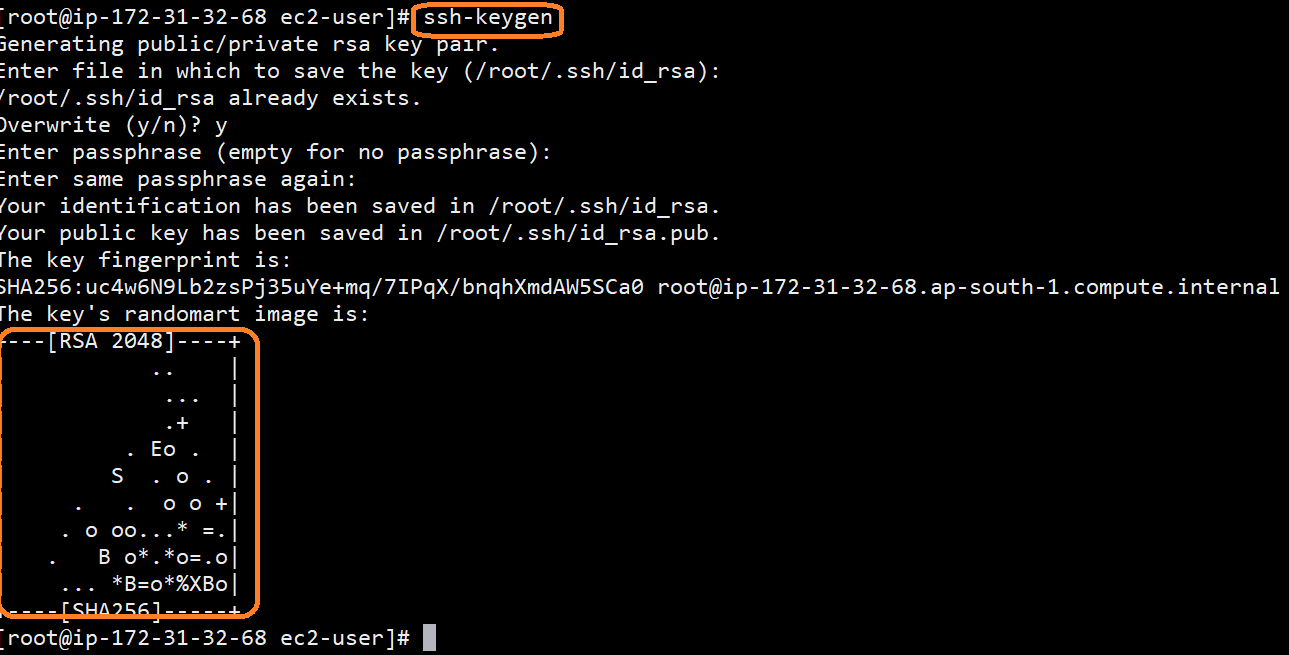
**In order to generate keys we have to fallow below steps**

**Generate key in *master* machine and copy same in *slave* machine**

#Exit and come back to master

Using below command we can generate keys

***#ssh-keygen***

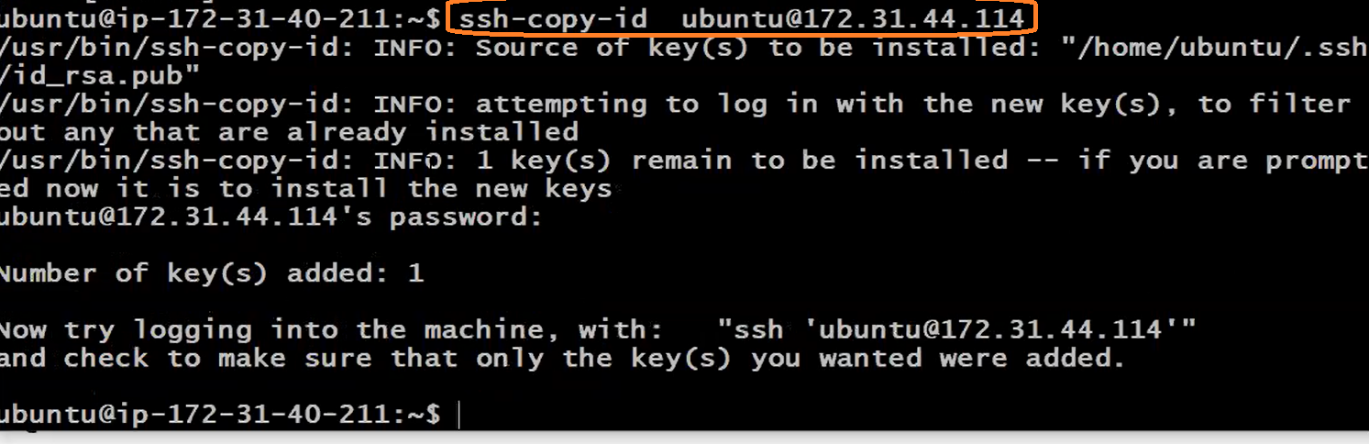


**Copy keys into the slave machine**

#ssh-copy-id root@<private IP of slave machine>

#ssh-copy-id [root@172.31.44.114](mailto:root@172.31.44.114)

First time it will ask you to password



**Now, keys has been copied from master to slave**

**Nee to test connection again**

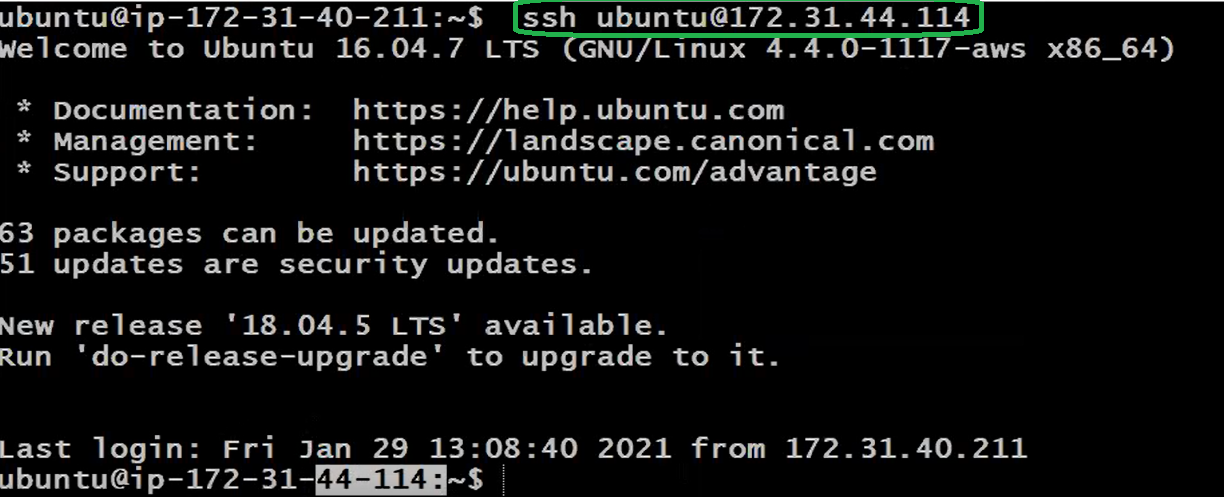
**Keys will be store in below location**

**#cd /root/.ssh/**

**Connect master machine**

***#ssh*** [***root@172.31.44.114***](mailto:root@172.31.44.114)

Now, we are able to connect slave machine without password.

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