If some anomaly happens run the following command and delete all ctrl +k

masum@myrepo:~$ nano .ssh/known\_hosts

afterwards reconnect you ssh like ssh masum@myrepo accept the key typing yes to generate a new key

masum@myrepo:~$ ssh-keygen -t rsa

Generating public/private rsa key pair.

Enter file in which to save the key (/home/masum/.ssh/id\_rsa):

This will start up a interactive series of prompts asking where you want to store the keys

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /home/masum/.ssh/id\_rsa.

Your public key has been saved in /home/masum/.ssh/id\_rsa.pub.

The key fingerprint is:

SHA256:yGIiHsVxARYRy6bWBHMjYhNsfHMqV11pq74/RY44oRI masum@myrepo

The key's randomart image is:

+---[RSA 2048]----+

|+B.X=oo ... |

|o+Xo=o . o |

|. .B= . . |

| .\*E . o . . |

|.++.+ + S + |

|o..+ o + . o |

| . . . . . |

| . . |

| .o.. |

+----[SHA256]-----+

masum@myrepo:~$

the file id\_rsa is my private key and id\_rsa is.pub my public key

now I need to get this public key file onto my server

for linux

ssh-copy-id username@hostname

that will copy key information directly the authorized keys file on the remote server

masum@myrepo:~$ exit

logout

Connection to myrepo closed.

masum@myrepo:~$ ssh -i .ssh/id\_rsa masum\_myrepo

ssh: Could not resolve hostname masum\_myrepo: Name or service not known

masum@myrepo:~$ ssh -i .ssh/id\_rsa masum@myrepo

masum@myrepo's password:

Welcome to Ubuntu 16.04.7 LTS (GNU/Linux 4.4.0-21-generic x86\_64)

masum@myrepo:~$ nano .ssh/config

Host myrepo

User masum

HostName myrepo

IdentityFile ~/.ssh/id\_rsa

Kegen and save with passphrase at somewhere the public key extension all files and private key extension ppk later create session name and alias name then go left to ssh – authentication browse the private key that you set and click open now open session the prompt will ask for the passphrase not password

Already come with ssh server forward a port from the host machine to guest machine

masum@myrepo:~$ ssh masum@myrepo -p2222

ssh: connect to host myrepo port 2222: Connection refused

masum@myrepo:~$ ssh masum@localhost -p2222

ssh: connect to host localhost port 2222: Connection refused

masum@myrepo:~$ sudo nano /etc/ssh/sshd\_config

[sudo] password for masum:

service sshd restart if you make any change to the sshd config file

masum@myrepo:~$ less /etc/adduser.conf

masum@myrepo:~$ less /etc/passwd

masum@myrepo:~$ cat /etc/shells

# /etc/shells: valid login shells

/bin/sh

/bin/dash

/bin/bash

/bin/rbash

masum@myrepo:~$ sudo less /etc/shadow

[sudo] password for masum:

masum@myrepo:~$ sudo less /etc/gshadow