

SSH Installation and Configuration

You need to install the following packages (which are installed by default until and unless you removed it or skipped it while installing CentOS)

- openssh-clients : The **OpenSSH client** applications
- openssh-server : The **OpenSSH server** daemon

To install the server and client type:

```
[BdREN@root]#yum -y install openssh-server openssh-clients
```

Start the service:

```
[BdREN@root]# chkconfig sshd on  
[BdREN@root]# service sshd restart
```

Make sure port 22 is opened:

```
[BdREN@root]# netstat -tulpn | grep :22
```

OpenSSH Server Configuration

Edit `/etc/ssh/sshd_config`, enter:

```
[BdREN@root]# vim /etc/ssh/sshd_config
```

To disable root logins, edit or add as follows:

```
PermitRootLogin no
```

Restrict login to user **tom** and **jerry** only over **ssh**:

Change **ssh** port i.e. run it on a non-standard port like **2210**

```
#Port 22  
Port 2210
```

Save and close the file. Restart **sshd**:

```
[BdREN@root]# service sshd start
```

SSH Server Login

Login as a root user with default port 22:

```
[ns2@jon]# ssh 192.168.11.20
```

Are you sure you want to continue connecting (yes/no)? **yes**
root@192.168.11.20's password: *****

Login as a user with default port 22:

```
[root@BdREN ~]# ssh jon@192.168.11.20  
jon@192.168.11.20's password: *****
```

Login as a user with port 2210:

```
[root@BdREN ~]# ssh -p 2210 jon@192.168.11.20
```