SSH-Server-Side

Step-1

```
    1  ifconfig
    2  rpm -qa  openssh*
    3  systemctl  status  sshd
    4  netstat  -tunlp  | grep  sshd
    5  netstat  -tunlp  | grep 22
    6  history
    7  useradd  deepak
    8  useradd  alok
    9  useradd  kapil
   10  passwd  deepak
   12  passwd  alok
   14  passwd  kapil
```

Step-3

How to check total users login report in server machine ?

```
   26  who
   27  who  -u
   28  pinky
   29  w  -f
   30  tail -f  /var/log/secure
   31  history
root@server0 ~]# who -u
root     :0           2019-07-02 00:49   ?          1726
(:0)
root     pts/0        2019-07-02 01:11   .          3201
```

```
(:0)
deepak   pts/2        2019-07-02 01:09 00:04        3037
(desktop0.example.com)
[root@server0 ~]#
[root@server0 ~]# kill  -9   3037
[root@server0 ~]#
[root@server0 ~]# who -u
root     :0           2019-07-02 00:49   ?          1726
(:0)
root     pts/0        2019-07-02 01:11   .          3201
(:0)
[root@server0 ~]#
```

Step-4

How to disable direct root login from any remote machine ?

```
[root@server0 ~]# vim /etc/ssh/sshd_config
```

go on line number 48 and remove the #

```
PermitRootLogin no
```

save and exit from the file.

```
[root@server0 ~]# systemctl  reload sshd
[root@server0 ~]#
```

Go on Desktop machine for the testing purpose....

Step-6

how to allow or deny any normal users ?--------------
DenyUsers or AllowUsers

```
[root@server0 ~]# vim /etc/ssh/sshd_config
```

(do this entry anywhere in this file)

```
DenyUsers  deepak ravi sunil
```

save and exit from this file

```
[root@server0 ~]# systemctl  reload sshd
[root@server0 ~]#
```

Now go on client machine for the testing purpose

Step-8

How to block any particluar ip to disable the remote login

```
[root@server0 ~]# vim  /etc/hosts.deny
```

```
sshd: 172.25.0.10
```

save and exit from this file.

```
[root@server0 ~]# systemctl  reload    sshd
[root@server0 ~]#
```

Now go on client machine for the testing purpose