

```
[root@rhvm50 ~]# cat add.sh
#!/bin/bash
groupadd priorg
for i in {01..25}
do
useradd -d /home/user$i -G priorg orguser$i
echo "orguser$i" | passwd orguser$i --stdin
done
[root@rhvm50 ~]#
```

```
orguser01:x:1001:1002::/home/user01:/bin/bash
orguser02:x:1002:1003::/home/user02:/bin/bash
orguser03:x:1003:1004::/home/user03:/bin/bash
orguser04:x:1004:1005::/home/user04:/bin/bash
orguser05:x:1005:1006::/home/user05:/bin/bash
orguser06:x:1006:1007::/home/user06:/bin/bash
orguser07:x:1007:1008::/home/user07:/bin/bash
orguser08:x:1008:1009::/home/user08:/bin/bash
orguser09:x:1009:1010::/home/user09:/bin/bash
orguser10:x:1010:1011::/home/user10:/bin/bash
orguser11:x:1011:1012::/home/user11:/bin/bash
orguser12:x:1012:1013::/home/user12:/bin/bash
orguser13:x:1013:1014::/home/user13:/bin/bash
orguser14:x:1014:1015::/home/user14:/bin/bash
orguser15:x:1015:1016::/home/user15:/bin/bash
orguser16:x:1016:1017::/home/user16:/bin/bash
orguser17:x:1017:1018::/home/user17:/bin/bash
orguser18:x:1018:1019::/home/user18:/bin/bash
orguser19:x:1019:1020::/home/user19:/bin/bash
orguser20:x:1020:1021::/home/user20:/bin/bash
orguser21:x:1021:1022::/home/user21:/bin/bash
orguser22:x:1022:1023::/home/user22:/bin/bash
orguser23:x:1023:1024::/home/user23:/bin/bash
orguser24:x:1024:1025::/home/user24:/bin/bash
orguser25:x:1025:1026::/home/user25:/bin/bash
```

```
[root@rhvm50 ~]# cd /home
[root@rhvm50 home]# ls
teja  user02 user04 user06 user08 user10 user12 user14 user16 user18 user20 user22 user24
user01 user03 user05 user07 user09 user11 user13 user15 user17 user19 user21 user23 user25
[root@rhvm50 home]#
```

```
[root@rhvm50 ~]# groupmems -g priorg -l
orguser01 orguser02 orguser03 orguser04 orguser05 orguser06 orguser07 orguser08 orguser09 orguser10 orguser11 orguser12 orguser1
3 orguser14 orguser15 orguser16 orguser17 orguser18 orguser19 orguser20 orguser21 orguser22 orguser23 orguser24 orguser25
[root@rhvm50 ~]#
```

Activate Windows
Go to Settings to activate Windows.

```
[root@rhvm50 home]# ifconfig | more
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.91.150 netmask 255.255.255.0 broadcast 192.168.91.255
    inet6 fe80::de95:3818:11c3:f92 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:75:26:d8 txqueuelen 1000 (Ethernet)
    RX packets 1029 bytes 64776 (63.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 90 bytes 12356 (12.0 KiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1 (Local Loopback)
    RX packets 2 bytes 98 (98.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 2 bytes 98 (98.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

virbr0: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 192.168.122.1 netmask 255.255.255.0 broadcast 192.168.122.255
    ether 52:54:00:6b:08:e9 txqueuelen 1000 (Ethernet)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

```
[root@rhvm50 home]# netstat -rn
Kernel IP routing table
Destination      Gateway          Genmask         Flags   MSS Window  irtt Iface
0.0.0.0          192.168.91.100  0.0.0.0         UG        0 0        0 ens33
192.168.91.0     0.0.0.0         255.255.255.0   U        0 0        0 ens33
192.168.122.0   0.0.0.0         255.255.255.0   U        0 0        0 virbr0
```

```
[root@rhvm50 home]# hostname
rhvm50.priorg.com
```

To restrict root login: cd /etc/ssh/sshd_config

```
#LoginGraceTime 2m
PermitRootLogin no
#StrictModes yes
#MaxAuthTries 6
#MaxSessions 10
```

```
[root@rhvm50 orgbackups]# cd /etc/ssh/
[root@rhvm50 ssh]# vim sshd_config
[root@rhvm50 ssh]# systemctl restart sshd
[root@rhvm50 ssh]#
```

```
[root@localhost ~]# ping 192.168.91.150
PING 192.168.91.150 (192.168.91.150) 56(84) bytes of data.

64 bytes from 192.168.91.150: icmp_seq=1 ttl=64 time=963 ms
64 bytes from 192.168.91.150: icmp_seq=2 ttl=64 time=0.631 ms
64 bytes from 192.168.91.150: icmp_seq=3 ttl=64 time=0.603 ms
64 bytes from 192.168.91.150: icmp_seq=4 ttl=64 time=714 ms
64 bytes from 192.168.91.150: icmp_seq=5 ttl=64 time=704 ms
64 bytes from 192.168.91.150: icmp_seq=6 ttl=64 time=469 ms
64 bytes from 192.168.91.150: icmp_seq=7 ttl=64 time=220 ms
64 bytes from 192.168.91.150: icmp_seq=8 ttl=64 time=151 ms
```

```
[root@localhost ~]# ssh root@192.168.91.150
root@192.168.91.150's password:
Permission denied, please try again.
root@192.168.91.150's password:
```

```
[root@localhost ~]# ssh orguser01@192.168.91.150
orguser01@192.168.91.150's password:
[orguser01@rhvm50 ~]$
```

```
[root@rhvm50 ~]# crontab -e
crontab: installing new crontab
[orguser01@rhvm50 ~]# crontab -l
45 16 * * * sh /root/backup.sh
[orguser01@rhvm50 ~]# cat backup.sh
#!/bin/bash
d=`date +%d%m%y`
tar -cvzf /etc/orgbackups/org-home_${d}.tar.gz /home/*
You have mail in /var/spool/mail/root
[orguser01@rhvm50 ~]#
```

```
[orguser01@rhvm50 ~]# cd /etc/orgbackups/
[orguser01@rhvm50 orgbackups]# ls
org-home_110820.tar.gz
[orguser01@rhvm50 orgbackups]# tar -xvf org-home_110820.tar.gz
```

```
[orguser01@rhvm50 orgbackups]# ls -l
total 808
drwxr-xr-x. 28 root root 4096 Aug 11 17:04 home
-rw-r--r--. 1 root root 820813 Aug 11 16:45 org-home_110820.tar.gz
[orguser01@rhvm50 orgbackups]# pwd
/etc/orgbackups
[orguser01@rhvm50 orgbackups]#
```