

Red Hat Enterprise Linux 7 64-bit - VMware Workstation

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Red Hat Enterprise Linux ... Red Hat Enterprise Linux 7 64 ...

Applications Places Terminal

root@server:~

```
File Edit View Search Terminal Help
#username:pw:uid:gid:Comment:homedir:shell
[root@server ~]# history
1 cd
2 cat /etc/os-release
3 cat /etc/redhat-release
4 history
5 systemctl get-default
6 systemctl set-default multi-user.target
7 systemctl get-default
8 history
9 #multi-user.target (runlevel 3)
10 #graphical.target (runlevel 5)
11 uname
12 uname -r
13 uname -p
14 uname -m
15 uname -i
16 #- r=kernel release, -p=processor, -m=Machine, -i=architecture
17 #-a=all
```

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```
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13 uname -p
14 uname -m
15 uname -i
16 #- r=kernel release, -p=processor, -m=Machine, -i=architecture
17 #- a=all
18 uname -a
19 whoami
20 who
21 w
22 #whoami=Who has logged in
23 #who=Who all have logged in
24 #w=Who all have logged in and what they are doing
25 history
26 dmesg
27 whatis dmesg
28 whatis ls
29 mandb
30 history
31 whatis mandb
```

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```
27 whatis dmesg
28 whatis ls
29 mandb
30 history
31 whatis mandb
32 whatis dmesg
33 history
34 alias c=clear d=date h=history l="ls -l"
35 c
36 d
37 l
38 h
39 alias
40 unalias d
41 d
42 history
43 systemctl restart sshd
44 systemctl enable sshd
45 #SSHD=Daemon for SSH, SSH=Secure Shell works on SSL=Secure Socket Layer, SSH is
```

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```
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```

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```
43 systemctl restart sshd
44 systemctl enable sshd
45 #SSHD=Daemon for SSH, SSH=Secure Shell works on SSL=Secure Socket Layer, SSH is
used for remote administration = username,password,data are sent through encrypted ch
annel
46 #SSH uses port 22
47 #Telnet=Terminal emulation used for remote administration = username,password,d
ata are sent through plain text =Insecure ,port=23.
48 systemctl status sshd
49 history
50 #Daemon=Service that runs continuously in the background without user interventio
n for particular server or application to run
51 uptime
52 whatis uptime
53 cd /boot
54 ls
55 ls -l /etc/grub2.cfg
56 history
57 cd
```

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```
57 cd
58 id
59 hostname
60 hostnamectl
61 #x86_64= Intel 64 bit architecture
62 hostnamectl set-hostname server.capeminit.com
63 hostnamectl
64 history
65 tty
66 #tty=terminal type = for GUI, first terminal is /dev/pts/0 , next GUI terminal
/dev/pts/1
67 runlevel
68 init 3
69 tty
70 runlevel
71 telinit 5
72 systemctl get-default
73 systemctl set-default graphical.target
74 reboot
```

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root@server:~

```
72 systemctl get-default
73 systemctl set-default graphical.target
74 reboot
75 history
76 cd
77 clear
78 #User Administration
79 #Files which provide the default properties when we create the user
80 #/etc/login.defs
81 #/etc/default/useradd
82 cat /etc/login.defs | more
83 history
84 cat /etc/default/useradd
85 cd /var/spool/mail/
86 ls
87 cd
88 cd /etc/skel
89 ls
90 ls -a
```

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```
88 cd /etc/skel
89 ls
90 ls -a
91 useradd ravi
92 su - ravi
93 history
94 cd
95 #useradd [Options] <username>
96 #primary group = Mandatory, user should be a member of one primary group
97 su - ravi
98 history
99 #Files created by the user are owned by the user and his primary group
100 #If username and primary groupname are same it is called private group
101 groups ravi
102 id ravi
103 #secondary group is for additional access
104 history
105 #useradd options : -g primary group, -G secondary group,-s shell,-d home dir,
c comment or fullname
```



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root@server:~

```
104 history
105 #useradd options : -g primary group, -G secondary group,-s shell,-d home dir,
c comment or fullname
106 groupadd prod
107 groupadd hr
108 groupadd sales
109 useradd -g prod -G sales -c "team leader" -s /bin/ksh vaibhav
110 groups vaibhav
111 id vaibhav
112 #/etc/passwd = contains user account information
113 #uid/gid=0 for root
114 #uid/gid=1-999 for system users and groups
115 #uid/gid=1000-60000 for regular users
116 tail -1 /etc/passwd
117 vi /etc/passwd
118 tail -2 /etc/passwd
119 history
[root@server ~]# history > history.txt
[root@server ~]#
```

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```
142 tail -2 /etc/shadow
143 tail -3 /etc/shadow
144 vi /etc/shadow
145 tail -3 /etc/shadow
146 c
147 clear
148 tail -2 /etc/passwd
149 tail -2 /etc/group
150 tail -3 /etc/shadow
151 #usermod [Options] <username>
152 #Options same as useradd
153 usermod -s /bin/bash vaibhav
154 grep vaibhav /etc/passwd
155 userdel -r ravi
156 #userdel -r <username> deletes an user and his home dir
157 grep vaibhav /etc/shadow
158 whatis chage
159 chage vaibhav
160 chage -l vaibhav
```

