login as: ec2-user

Authenticating with public key "imported-openssh-key"

Last login: Fri Jul 29 13:20:14 2022 from 49.37.156.66

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\_| ( / Amazon Linux 2 AMI

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https://aws.amazon.com/amazon-linux-2/

12 package(s) needed for security, out of 22 available

Run "sudo yum update" to apply all updates.

[ec2-user@ip-172-31-90-26 ~]$ ls

D1 env.sh f1 F1

[ec2-user@ip-172-31-90-26 ~]$ cat > F2

vgjc

hjsaj

chjsjclsa

[ec2-user@ip-172-31-90-26 ~]$ ls

D1 env.sh f1 F1 F2

[ec2-user@ip-172-31-90-26 ~]$ touch f3

[ec2-user@ip-172-31-90-26 ~]$ ls

D1 env.sh f1 F1 F2 f3

[ec2-user@ip-172-31-90-26 ~]$ cd D1

[ec2-user@ip-172-31-90-26 D1]$ mkdir D2

[ec2-user@ip-172-31-90-26 D1]$ cd D2

[ec2-user@ip-172-31-90-26 D2]$ mkdir D3

[ec2-user@ip-172-31-90-26 D2]$ cd D3

[ec2-user@ip-172-31-90-26 D3]$ mkdir D4

[ec2-user@ip-172-31-90-26 D3]$ cd D4

[ec2-user@ip-172-31-90-26 D4]$ Mkdir D5

-bash: Mkdir: command not found

[ec2-user@ip-172-31-90-26 D4]$ mkdir D5

[ec2-user@ip-172-31-90-26 D4]$ ls

D5

[ec2-user@ip-172-31-90-26 D4]$ ls -a

. .. D5

[ec2-user@ip-172-31-90-26 D4]$ ls -lt

total 0

drwxrwxr-x 2 ec2-user ec2-user 6 Jul 29 16:36 D5

[ec2-user@ip-172-31-90-26 D4]$ pwd

/home/ec2-user/D1/D2/D3/D4

[ec2-user@ip-172-31-90-26 D4]$ cd home

-bash: cd: home: No such file or directory

[ec2-user@ip-172-31-90-26 D4]$ cd /home

[ec2-user@ip-172-31-90-26 home]$ cd

[ec2-user@ip-172-31-90-26 ~]$ ls

D1 env.sh f1 F1 F2 f3

[ec2-user@ip-172-31-90-26 ~]$ ls -l

total 16

drwxrwxr-x 3 ec2-user ec2-user 16 Jul 29 16:36 D1

-rw-rw-r-- 1 ec2-user ec2-user 99 Jul 27 14:26 env.sh

-rw-rw-r-- 1 ec2-user ec2-user 10 Jul 29 13:22 f1

-rw-rw-r-- 1 ec2-user ec2-user 3 Jul 29 13:21 F1

-rw-rw-r-- 1 ec2-user ec2-user 21 Jul 29 16:35 F2

-rw-rw-r-- 1 ec2-user ec2-user 0 Jul 29 16:35 f3

[ec2-user@ip-172-31-90-26 ~]$ ls -a

. .. .bash\_history .bash\_logout .bash\_profile .bashrc D1 env.sh f1 F1 F2 f3 .ssh .viminfo

[ec2-user@ip-172-31-90-26 ~]$ ls -lart

total 40

-rw-r--r-- 1 ec2-user ec2-user 231 Jul 15 2020 .bashrc

-rw-r--r-- 1 ec2-user ec2-user 193 Jul 15 2020 .bash\_profile

-rw-r--r-- 1 ec2-user ec2-user 18 Jul 15 2020 .bash\_logout

drwx------ 2 ec2-user ec2-user 29 Jul 27 14:19 .ssh

-rw-rw-r-- 1 ec2-user ec2-user 99 Jul 27 14:26 env.sh

-rw------- 1 ec2-user ec2-user 4692 Jul 27 17:40 .viminfo

-rw-rw-r-- 1 ec2-user ec2-user 3 Jul 29 13:21 F1

-rw-rw-r-- 1 ec2-user ec2-user 10 Jul 29 13:22 f1

drwxr-xr-x 3 root root 106 Jul 29 14:09 ..

-rw------- 1 ec2-user ec2-user 402 Jul 29 14:15 .bash\_history

-rw-rw-r-- 1 ec2-user ec2-user 21 Jul 29 16:35 F2

-rw-rw-r-- 1 ec2-user ec2-user 0 Jul 29 16:35 f3

drwx------ 4 ec2-user ec2-user 175 Jul 29 16:35 .

drwxrwxr-x 3 ec2-user ec2-user 16 Jul 29 16:36 D1

[ec2-user@ip-172-31-90-26 ~]$ whoami

ec2-user

[ec2-user@ip-172-31-90-26 ~]$ sudo su

[root@ip-172-31-90-26 ec2-user]# whoami

root

[root@ip-172-31-90-26 ec2-user]# ls

D1 env.sh f1 F1 F2 f3

[root@ip-172-31-90-26 ec2-user]# cd

[root@ip-172-31-90-26 ~]# cd /home

[root@ip-172-31-90-26 home]# cd .

[root@ip-172-31-90-26 home]# cd ..

[root@ip-172-31-90-26 /]# su

[root@ip-172-31-90-26 /]# sudo

usage: sudo -h | -K | -k | -V

usage: sudo -v [-AknS] [-g group] [-h host] [-p prompt] [-u user]

usage: sudo -l [-AknS] [-g group] [-h host] [-p prompt] [-U user] [-u user] [command]

usage: sudo [-AbEHknPS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user]

[VAR=value] [-i|-s] [<command>]

usage: sudo -e [-AknS] [-r role] [-t type] [-C num] [-g group] [-h host] [-p prompt] [-T timeout] [-u user] file ...

[root@ip-172-31-90-26 /]# do

bash: syntax error near unexpected token `do'

[root@ip-172-31-90-26 /]# cd /root

[root@ip-172-31-90-26 ~]# ls

[root@ip-172-31-90-26 ~]# pwd

/root

[root@ip-172-31-90-26 ~]# su

[root@ip-172-31-90-26 ~]# pwd

/root

[root@ip-172-31-90-26 ~]# su home

su: user home does not exist

[root@ip-172-31-90-26 ~]# su ec2-user

[ec2-user@ip-172-31-90-26 root]$ ls

ls: cannot open directory .: Permission denied

[ec2-user@ip-172-31-90-26 root]$ pwd

/root

[ec2-user@ip-172-31-90-26 root]$ cd D1

bash: cd: D1: Permission denied

[ec2-user@ip-172-31-90-26 root]$ D1

bash: D1: command not found

[ec2-user@ip-172-31-90-26 root]$ cd /D1

bash: cd: /D1: No such file or directory

[ec2-user@ip-172-31-90-26 root]$ ls

ls: cannot open directory .: Permission denied

[ec2-user@ip-172-31-90-26 root]$ ps

PID TTY TIME CMD

3270 pts/0 00:00:00 bash

3376 pts/0 00:00:00 bash

3399 pts/0 00:00:00 ps

[ec2-user@ip-172-31-90-26 root]$ cd /root

bash: cd: /root: Permission denied

[ec2-user@ip-172-31-90-26 root]$ ls

ls: cannot open directory .: Permission denied

[ec2-user@ip-172-31-90-26 root]$ pwd

/root

[ec2-user@ip-172-31-90-26 root]$ date

Fri Jul 29 16:48:16 UTC 2022

[ec2-user@ip-172-31-90-26 root]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 root]$ cal

July 2022

Su Mo Tu We Th Fr Sa

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

31

[ec2-user@ip-172-31-90-26 root]$ year

bash: year: command not found

[ec2-user@ip-172-31-90-26 root]$ prime number

bash: prime: command not found

[ec2-user@ip-172-31-90-26 root]$ cd ..

[ec2-user@ip-172-31-90-26 /]$ cd

[ec2-user@ip-172-31-90-26 ~]$ sudo su

[root@ip-172-31-90-26 ec2-user]# sudo su

[root@ip-172-31-90-26 ec2-user]# whoami

root

[root@ip-172-31-90-26 ec2-user]# cd ..

[root@ip-172-31-90-26 home]# pwd

/home

[root@ip-172-31-90-26 home]# cd ..

[root@ip-172-31-90-26 /]# cd

[root@ip-172-31-90-26 ~]# cd .

[root@ip-172-31-90-26 ~]# cd-

bash: cd-: command not found

[root@ip-172-31-90-26 ~]# cd -

/root

[root@ip-172-31-90-26 ~]# cd /root

[root@ip-172-31-90-26 ~]# cd /home

[root@ip-172-31-90-26 home]# su home

su: user home does not exist

[root@ip-172-31-90-26 home]# su ec2-user

[ec2-user@ip-172-31-90-26 home]$ ls

ec2-user ex.sh F f1 forloop.sh print.sh testsed.sh

[ec2-user@ip-172-31-90-26 home]$ sudo su

[root@ip-172-31-90-26 home]# su ec2-user

[ec2-user@ip-172-31-90-26 home]$ cal

July 2022

Su Mo Tu We Th Fr Sa

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

31

[ec2-user@ip-172-31-90-26 home]$ date

Fri Jul 29 16:53:46 UTC 2022

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ ls

ec2-user ex.sh F f1 forloop.sh print.sh testsed.sh

[ec2-user@ip-172-31-90-26 home]$ ls-l

bash: ls-l: command not found

[ec2-user@ip-172-31-90-26 home]$ ls -l

total 20

drwx------ 4 ec2-user ec2-user 175 Jul 29 16:35 ec2-user

-rw-r--r-- 1 root root 225 Jul 27 14:53 ex.sh

-rw-r--r-- 1 root root 0 Jul 29 14:03 F

-rw-r--r-- 1 root root 31 Jul 29 14:06 f1

-rw-r--r-- 1 root root 89 Jul 28 14:41 forloop.sh

-rw-r--r-- 1 root root 163 Jul 28 15:07 print.sh

-rw-r--r-- 1 root root 118 Jul 28 14:23 testsed.sh

[ec2-user@ip-172-31-90-26 home]$ ls

ec2-user ex.sh F f1 forloop.sh print.sh testsed.sh

[ec2-user@ip-172-31-90-26 home]$ ls

ec2-user ex.sh F f1 forloop.sh print.sh testsed.sh

[ec2-user@ip-172-31-90-26 home]$ chmod F

chmod: missing operand after ‘F’

Try 'chmod --help' for more information.

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ time

real 0m0.000s

user 0m0.000s

sys 0m0.000s

[ec2-user@ip-172-31-90-26 home]$ ^C

[ec2-user@ip-172-31-90-26 home]$ ls

ec2-user ex.sh F f1 forloop.sh print.sh testsed.sh

[ec2-user@ip-172-31-90-26 home]$ ls -la

total 20

drwxr-xr-x 3 root root 106 Jul 29 14:09 .

dr-xr-xr-x 19 root root 297 Jul 29 14:14 ..

drwx------ 4 ec2-user ec2-user 175 Jul 29 16:35 ec2-user

-rw-r--r-- 1 root root 225 Jul 27 14:53 ex.sh

-rw-r--r-- 1 root root 0 Jul 29 14:03 F

-rw-r--r-- 1 root root 31 Jul 29 14:06 f1

-rw-r--r-- 1 root root 89 Jul 28 14:41 forloop.sh

-rw-r--r-- 1 root root 163 Jul 28 15:07 print.sh

-rw-r--r-- 1 root root 118 Jul 28 14:23 testsed.sh

[ec2-user@ip-172-31-90-26 home]$ chmod 764 F

chmod: changing permissions of ‘F’: Operation not permitted

[ec2-user@ip-172-31-90-26 home]$ chmod 777 f1

chmod: changing permissions of ‘f1’: Operation not permitted

[ec2-user@ip-172-31-90-26 home]$ pwd

/home

[ec2-user@ip-172-31-90-26 home]$ ls

ec2-user ex.sh F f1 forloop.sh print.sh testsed.sh

[ec2-user@ip-172-31-90-26 home]$ cd /F

bash: cd: /F: No such file or directory

[ec2-user@ip-172-31-90-26 home]$ cd f

bash: cd: f: No such file or directory

[ec2-user@ip-172-31-90-26 home]$ cp F f\_co

cp: cannot create regular file ‘f\_co’: Permission denied

[ec2-user@ip-172-31-90-26 home]$ cp F F\_copy

cp: cannot create regular file ‘F\_copy’: Permission denied

[ec2-user@ip-172-31-90-26 home]$