

File Edit View Terminal Tabs Help

ubuntu@groupC2:~\$ ifconfig

```

eno1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 8.3.3.4 netmask 255.255.255.0 broadcast 8.3.3.255
    inet6 fe80::e2be:3ff:fe60:bcda prefixlen 64 scopeid 0x20<link>
    ether e0:be:03:69:bc:da txqueuelen 1000 (Ethernet)
    RX packets 5922 bytes 7171507 (7.1 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4119 bytes 447243 (447.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 19 memory 0x4f800000-4f820000

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 1000 (Local Loopback)
    RX packets 899 bytes 65835 (65.8 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 899 bytes 65835 (65.8 KB)
    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:d4:3a:c2 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
  
```

ubuntu@groupC2:~\$ cd c2

bash: cd: c2: No such file or directory

ubuntu@groupC2:~\$ cd C2

ubuntu@groupC2:~/C2\$

File Edit View Terminal Tabs Help

ubuntu@groupC2:~/C2\$ SSH universe@8.3.3.5

SSH: command not found

ubuntu@groupC2:~/C2\$ ssh universe@8.3.3.5

universe@8.3.3.5's password:

Welcome to Ubuntu 20.04.4 LTS (GNU/Linux 5.15.0-41-generic x86_64)

* Documentation: <https://help.ubuntu.com>
 * Management: <https://landscape.canonical.com>
 * Support: <https://ubuntu.com/advantage>

0 updates can be applied immediately.

The list of available updates is more than a week old.

To check for new updates run: `sudo apt update`

Your Hardware Enablement Stack (HWE) is supported until April 2025.

Last login: Mon Feb 13 20:57:13 2023 from 8.3.3.10

universe@C1:~\$ ifconfig

```
enol: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 8.3.3.5 netmask 255.255.255.0 broadcast 8.3.3.255
    inet6 fe80::e2be:3ff:fe69:98d8 prefixlen 64 scopeid 0x20<link>
    ether e0:be:03:69:98:d8 txqueuelen 1000 (Ethernet)
    RX packets 21099 bytes 22899602 (22.8 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 12976 bytes 1463311 (1.4 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 19 memory 0x4f800900-4f820000
```

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 1000 (Local Loopback)
    RX packets 4696 bytes 336489 (336.4 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4696 bytes 336489 (336.4 KB)
    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:d4:3a:c2 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
```

universe@C1:~\$

```
close ssh session - Google S... Expt-4 - ip address(1).doc - L... ubuntu - File Manager exp4 - File Manager Terminal - ubuntu@groupC2... 15 Feb, 19:52
Terminal - ubuntu@groupC2: ~/C2
File Edit View Terminal Tabs Help
universe@C1:~$ ifconfig
eno1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 8.3.3.5 netmask 255.255.255.0 broadcast 8.3.3.255
    inet6 fe80::e2be:3ff:fe60:98d8 prefixlen 64 scopeid 0x20<link>
    ether e0:be:03:69:98:d8 txqueuelen 1000 (Ethernet)
    RX packets 21373 bytes 23046126 (23.0 MB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 13061 bytes 1473621 (1.4 MB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 19 memory 0x4f800000-4f820000

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 1000 (Local Loopback)
    RX packets 5265 bytes 376939 (376.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 5265 bytes 376939 (376.9 KB)
    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:d4:3a:c2 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

universe@C1:~$ logout
Connection to 8.3.3.5 closed.
ubuntu@groupC2:~/C2$
```

```
ubuntu@groupC2:~/C2/exp4$ scp multiply.py universe@8.3.3.5:/home/universe
universe@8.3.3.5's password:
multiply.py
```

100% 58 47.7KB/s 00:00

```
ubuntu@groupC2:~/C2/exp4$ cd
```

```
ubuntu@groupC2:~$ cd C2
```

```
ubuntu@groupC2:~/C2$ scp multiply.y universe@8.3.3.5:/home/universe/Desktop
```

```
universe@8.3.3.5's password:
```

```
multiply.y: No such file or directory
```

```
ubuntu@groupC2:~/C2$ cd exp4
```

```
ubuntu@groupC2:~/C2/exp4$ scp multiply.y universe@8.3.3.5:/home/universe/Desktop
```

```
universe@8.3.3.5's password:
```

```
multiply.y: No such file or directory
```

```
ubuntu@groupC2:~/C2/exp4$ scp multiply.py ubuntu@8.3.3.5:/home/ubuntu/Desktop
```

```
ubuntu@8.3.3.5's password:
```

```
multiply.py
```

100% 58 59.1KB/s 00:00

```
ubuntu@groupC2:~/C2/exp4$
```

```
ubuntu@groupC2:~/C2/exp4$ cd C2
bash: cd: C2: No such file or directory
ubuntu@groupC2:~/C2/exp4$ cd\
> cd
```

Command 'cdcd' not found, but can be installed with:

```
sudo apt install cdcd
```

```
ubuntu@groupC2:~/C2/exp4$ cd
ubuntu@groupC2:~$ scp -r C2 ubuntu@8.3.3.5:/home/ubuntu/
ubuntu@8.3.3.5's password:
Permission denied, please try again.
ubuntu@8.3.3.5's password:
Permission denied, please try again.
ubuntu@8.3.3.5's password:
ubuntu@8.3.3.5: Permission denied (publickey,password).
lost connection
ubuntu@groupC2:~$ scp -r C2 ubuntu@8.3.3.5:/home/ubuntu
ubuntu@8.3.3.5's password:
password changed.png
cat_command.png
cat2_commands.png
usermod.png
newuser.png
unmask setfacl.png
mkdir.png
hostname.png
scp_file.png
scp.png
groupC2.py
ssh_open.png
ifconfig.png
multiply.py
ssh_closed.png
testfile
testfile2
del_hd_user.png
del_hd_myadmin.png
ubuntu@groupC2:~$
```

100%	149KB	7.2MB/s	00:00
100%	86KB	22.9MB/s	00:00
100%	89KB	13.9MB/s	00:00
100%	103KB	18.0MB/s	00:00
100%	121KB	12.3MB/s	00:00
100%	121KB	34.9MB/s	00:00
100%	147KB	43.9MB/s	00:00
100%	124KB	8.0MB/s	00:00
100%	83KB	35.5MB/s	00:00
100%	42KB	26.3MB/s	00:00
100%	210	370.6KB/s	00:00
100%	140KB	50.7MB/s	00:00
100%	110KB	43.9MB/s	00:00
100%	58	92.6KB/s	00:00
100%	108KB	44.1MB/s	00:00
100%	0	0.6KB/s	00:00
100%	0	0.6KB/s	00:00
100%	116KB	44.6MB/s	00:00
100%	117KB	41.8MB/s	00:00



```
--context[=CTX]    like -Z, or if CTX is specified then set the
                   SELinux or SMACK security context to CTX
--help            display this help and exit
--version         output version information and exit
```

The backup suffix is '~', unless set with --suffix or SIMPLE_BACKUP_SUFFIX.
The version control method may be selected via the --backup option or through
the VERSION_CONTROL environment variable. Here are the values:

none, off	never make backups (even if --backup is given)
numbered, t	make numbered backups
existing, nil	numbered if numbered backups exist, simple otherwise
simple, never	always make simple backups

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>
Full documentation at: <<https://www.gnu.org/software/coreutils/install>>
or available locally via: info '(coreutils) install invocation'

```
ubuntu@groupC2:~$ sudo install vsftpd
install: missing destination file operand after 'vsftpd'
```

Try 'install --help' for more information.

```
ubuntu@groupC2:~$ sudo apt install vsftpd ftp ufw -y
```

Reading package lists... Done

Building dependency tree

Reading state information... Done

ftp is already the newest version (0.17-34.1).

ftp set to manually installed.

vsftpd is already the newest version (3.0.3-12).

ufw is already the newest version (0.36-6ubuntu1).

ufw set to manually installed.

0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.

```
ubuntu@groupC2:~$ ftp 8.3.3.5
```

Connected to 8.3.3.5.

220 (vsFTPD 3.0.3)

Name (8.3.3.5:ubuntu): ubuntu

331 Please specify the password.

Password:

230 Login successful.

Remote system type is UNIX.

Using binary mode to transfer files.

```
ftp> ls
```

290 PORT command successful. Consider using PASV.

425 Failed to establish connection.

```
ftp> ls
```

290 PORT command successful. Consider using PASV.

425 Failed to establish connection.

```
ftp>
```