

Linux Commands: Basic to Advanced

pwd - Prints the current working directory (where you are).

ls - Lists files and directories in the current location.

cd - Changes the directory.

mkdir - Creates a new directory.

touch - Creates a new empty file.

cp - Copies files or folders.

mv - Moves or renames files.

rm - Deletes a file or folder.

cat - Shows the contents of a file.

clear - Clears the terminal screen.

chmod - Changes file permissions.

chown - Changes file ownership.

ps - Shows currently running processes.

kill - Kills a process by PID.

grep - Searches text in files.

find - Searches for files/folders by name.

tar - Compresses or extracts .tar files.

netstat - Shows network connections and listening ports.

whoami - Shows current user.

history - Shows previously run commands.

sudo - Runs a command as root/superuser.

locate - Quickly finds files using an index.

```
socrates@kali: ~/Desktop/task_1/ReconDog
File Actions Edit View Help

(socrates@kali)-[~]
└─$ pwd
/home/socrates

(socrates@kali)-[~]
└─$ desktop
└─$ ls
brave-browser.desktop task_1

(socrates@kali)-[~/Desktop]
└─$ cd
└─$ Desktop
└─$ task_1
└─$ (socrates@kali)-[~/Desktop/task_1]
└─$ cat user.txt
mgaotgl1909@gmail.com
dashawnamco@gmail.com
cody_motter1@hotmail.com
sallyleehall194@gmail.com
angelrock1@aol.com
tinaniels@mail.dk
kelleydisney143@aol.com
roylzhang@yahoo.ca
cathalbrophy1@hotmail.com
charleswood@yahoo.com
neeta.johnson@gmail.com
emonaghan219@gmail.com
c.stubs44@gmail.com

(socrates@kali)-[~/Desktop/task_1]
└─$ ps
  PID TTY          TIME CMD
 1956 pts/1    00:00:05 zsh
```

```
socrates@kali: ~/Desktop/task_1/ReconDog
File Actions Edit View Help

└─$ task_1
└─$ (socrates@kali)-[~/Desktop/task_1]
└─$ cat user.txt
mgaotgl1909@gmail.com
dashawnamco@gmail.com
cody_motter1@hotmail.com
sallyleehall194@gmail.com
angelrock1@aol.com
tinaniels@mail.dk
kelleydisney143@aol.com
roylzhang@yahoo.ca
cathalbrophy1@hotmail.com
charleswood@yahoo.com
neeta.johnson@gmail.com
emonaghan219@gmail.com
c.stubs44@gmail.com

(socrates@kali)-[~/Desktop/task_1]
└─$ ps
  PID TTY          TIME CMD
 1956 pts/1    00:00:05 zsh
 9770 pts/1    00:00:00 ps

(socrates@kali)-[~/Desktop/task_1]
└─$ ps aux
USER          PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root           1  0.1  0.1 23752 14300 ?        Ss   13:44   0:01 /sbin/init splash
root           2  0.0  0.0      0     0 ?        S    13:44   0:00 [kthreadd]
root           3  0.0  0.0      0     0 ?        S    13:44   0:00 [pool_workqueue_release]
root           4  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/R-kvfree_rcu_reclaim]
root           5  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/R-rcu_gp]
root           6  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/R-sync_wq]
root           7  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/R-slab_flushwq]
root           8  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/R-netns]
root          11  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/0:0H-events_highpri]
root          12  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/u16:0-ipv6_addrconf]
root          13  0.0  0.0      0     0 ?        I<   13:44   0:00 [kworker/R-mm_percpu_wq]
root          14  0.0  0.0      0     0 ?        I    13:44   0:00 [rcu_tasks_kthread]
root          15  0.0  0.0      0     0 ?        I    13:44   0:00 [rcu_tasks_rude_kthread]
root          16  0.0  0.0      0     0 ?        I    13:44   0:00 [rcu_tasks_trace_kthread]
```

```
socrates@kali: ~/Desktop/task_1/ReconDog
File Actions Edit View Help
root 7477 0.0 0.0 0 0 ? I< 13:56 0:00 [kworker/u21:15-ttm]
root 7478 0.0 0.0 0 0 ? I< 13:56 0:00 [kworker/u21:16]
root 7480 0.1 0.0 0 0 ? I 13:56 0:00 [kworker/u17:0-flush-8:16]
socrates 7513 0.0 0.3 485280 27316 ? SnsI 13:56 0:00 /usr/lib/x86_64-linux-gnu/tumbler-1/tumblerd
root 7573 0.0 0.0 0 0 ? I 13:56 0:00 [kworker/2:1-cgroup_destroy]
socrates 7635 0.0 0.0 307528 6264 ? Ssl 13:56 0:00 /usr/lib/x86_64-linux-gnu/xfce4/xfconf/xfconfd
root 8935 0.0 0.0 0 0 ? I 13:59 0:00 [kworker/3:0-events]
root 9815 0.0 0.0 0 0 ? I 14:00 0:00 [kworker/u18:2]
socrates 9816 100 0.0 9484 4152 pts/1 R+ 14:00 0:00 ps aux

(socrates@kali)~/Desktop/task_1
$ grep @gmail.com user.txt
mgaotgl1909@gmail.com
dashawnamco@gmail.com
sallyleehall94@gmail.com
neeta.johnson@gmail.com
emonaghan219@gmail.com
c.stubs44@gmail.com

(socrates@kali)~/Desktop/task_1
$ netstat -tulnp

(Not all processes could be identified, non-owned process info
will not be shown, you would have to be root to see it all.)
Active Internet connections (only servers)
Proto Recv-Q Send-Q Local Address Foreign Address State PID/Program name
udp6 0 0 :::33001 :::* -
udp6 0 0 fe80::e2d5:5eff:fed:546 :::* -

(socrates@kali)~/Desktop/task_1
$ whoami
socrates

(socrates@kali)~/Desktop/task_1
$ history > history.txt

(socrates@kali)~/Desktop/task_1
$ cat history.txt
1 ^[[200-curl -fsS https://dl.brave.com/install.sh | sh-
2 sudo apt update
```

```
socrates@kali: ~/Desktop/task_1/ReconDog
File Actions Edit View Help
Proto Recv-Q Send-Q Local Address Foreign Address State PID/Program name
udp6 0 0 :::33001 :::* -
udp6 0 0 fe80::e2d5:5eff:fed:546 :::* -

(socrates@kali)~/Desktop/task_1
$ whoami
socrates

(socrates@kali)~/Desktop/task_1
$ history > history.txt

(socrates@kali)~/Desktop/task_1
$ cat history.txt
1 ^[[200-curl -fsS https://dl.brave.com/install.sh | sh-
2 sudo apt update
3 clear
4 sudo apt update -y
5 clear
6 sudo apt install curl
7 sudo curl -fsSLo /usr/share/keyrings/brave-browser-archive-keyring.gpg https://brave-browser-apt-release.s3.brave.com/brave-browser-archive-keyring.gpg
8 curl -fsS https://dl.brave.com/install.sh | sh
9 brave-browser
10 who
11 wh
12 whoami
13 uname
14 uname -r
15 uname -a
16 lear ~/Desktop/task_1
17 clear
18 ls
19 cd /
20 ls
21 boot
22 ls
23 cd /
24 ls
25 home
26 ls
27 cd \\nhome
```

```
socrates@kali: ~/Desktop/task_1/ReconDog
File Actions Edit View Help

591 ps aux
592 grep @gmail.com user.txt
593 netstat -tulnp\n
594 whoami

(socrates@kali)-[~/Desktop/task_1]
└─$ sudo apt update
[sudo] password for socrates:
Get:1 https://brave-browser-apt-release.s3.brave.com stable InRelease [7,547 B]
Get:2 https://brave-browser-apt-release.s3.brave.com stable/main amd64 Packages [20.6 kB]
Get:3 https://brave-browser-apt-release.s3.brave.com stable/main arm64 Packages [20.7 kB]
Hit:5 https://repo.nordvpn.com/deb/nordvpn/debian stable InRelease
Get:4 http://kali.download/kali kali-rolling InRelease [41.5 kB]
Get:6 http://kali.download/kali kali-rolling/main amd64 Packages [21.0 MB]
Get:7 http://kali.download/kali kali-rolling/main amd64 Contents (deb) [51.6 MB]
Get:8 http://kali.download/kali kali-rolling/contrib amd64 Packages [121 kB]
Get:9 http://kali.download/kali kali-rolling/contrib amd64 Contents (deb) [328 kB]
Get:10 http://kali.download/kali kali-rolling/non-free amd64 Packages [204 kB]
Get:11 http://kali.download/kali kali-rolling/non-free amd64 Contents (deb) [914 kB]
Get:12 http://kali.download/kali kali-rolling/non-free-firmware amd64 Packages [10.6 kB]
Fetched 74.2 MB in 22s (3,349 kB/s)
225 packages can be upgraded. Run 'apt list --upgradable' to see them.

(socrates@kali)-[~/Desktop/task_1]
└─$ git clone --depth 1 https://github.com/sqlmapproject/sqlmap.git sqlmap-dev
fatal: destination path 'sqlmap-dev' already exists and is not an empty directory.

(socrates@kali)-[~/Desktop/task_1]
└─$ git clone https://github.com/s0md3v/ReconDog.git
cd ReconDog
python3 dog.py

Cloning into 'ReconDog' ...
remote: Enumerating objects: 113, done.
remote: Total 113 (delta 0), reused 0 (delta 0), pack-reused 113 (from 1)
Receiving objects: 100% (113/113), 45.84 KiB | 4.58 MiB/s, done.
Resolving deltas: 100% (47/47), done.
python3: can't open file '/home/socrates/Desktop/task_1/ReconDog/dog.py': [Errno 2] No such file or directory

(socrates@kali)-[~/Desktop/task_1/ReconDog]
└─$
```