

EX:4 KALI LINUX BASIC COMMANDS

OUTPUT:

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kali [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

ashwathi@kali: ~
$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
games:x:5:12:games:/usr/games:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:100:apt:/var/lib/apt/lists:/usr/sbin/nologin
$ who
ashwathi tty7      2023-01-26 11:49 (-0)
$ ls -al
total 168
drwxr-xr-x 15 ashwathi ashwathi 4096 Jan 26 11:57 .
drwxr-xr-x 3 root root 4096 Jan 24 03:39 ..
-rw-r--r-- 1 ashwathi ashwathi 227 Jan 26 00:46 192.168.1.1
-rw-r--r-- 1 ashwathi ashwathi 220 Jan 24 03:39 .bash_logout
-rw-r--r-- 1 ashwathi ashwathi 5551 Jan 24 03:39 .bashrc
-rw-r--r-- 1 ashwathi ashwathi 3526 Jan 24 03:39 .bashrc.original
drwxr-xr-x 7 ashwathi ashwathi 4096 Jan 25 00:58 .cache
drwxr-xr-x 12 ashwathi ashwathi 4096 Jan 26 00:52 .config
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 25 00:52 Desktop
-rw-r--r-- 1 ashwathi ashwathi 35 Jan 25 00:41 .dmrc
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 24 04:07 Documents
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 24 04:07 Downloads
-rw-r--r-- 1 ashwathi ashwathi 11759 Jan 24 03:39 .face
lrwxrwxrwx 1 ashwathi ashwathi 5 Jan 24 03:39 .face.icon -> .face
-rw-r--r-- 1 ashwathi ashwathi 22 Jan 26 11:51 file.text
-rw-r--r-- 1 ashwathi ashwathi 12288 Jan 26 11:56 .filezilla.sftp
drwxr-xr-x 3 ashwathi ashwathi 4096 Jan 24 04:07 .gnome
drwxr-xr-x 3 ashwathi ashwathi 4096 Jan 24 03:39 .java
drwxr-xr-x 3 ashwathi ashwathi 4096 Jan 24 04:07 .local
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 24 04:07 Music
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 26 11:27 Pictures
-rw-r--r-- 1 ashwathi ashwathi 887 Jan 24 03:39 .profile
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 24 04:07 Public
-rw-r--r-- 1 ashwathi ashwathi 40 Jan 26 11:26 .sudo_as_admin_successful
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 24 04:07 Templates
-rw-r--r-- 1 ashwathi ashwathi 4 Jan 26 11:49 .vboxclient-clipboard.pid
-rw-r--r-- 1 ashwathi ashwathi 4 Jan 26 11:49 .vboxclient-display-svga-x11.pid
-rw-r--r-- 1 ashwathi ashwathi 4 Jan 26 11:49 .vboxclient-draganddrop.pid
drwxr-xr-x 2 ashwathi ashwathi 4096 Jan 24 04:07 Videos
-rw-r--r-- 1 ashwathi ashwathi 49 Jan 26 11:49 .Xauthority
-rw-r--r-- 1 ashwathi ashwathi 6132 Jan 26 11:57 .xsession-errors
-rw-r--r-- 1 ashwathi ashwathi 6132 Jan 26 11:57 .xsession-errors
```

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kali [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

ashwathi@kali: ~
$ cat file.text
Welcome to Linux
$ uname
Linux
$ lshw
Command 'lshw' not found, did you mean:
  Command 'lsmem' from deb coreutils
Try: sudo apt install <deb name>
$ uname -a
Linux kali 6.0.0-kali3-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.0.7-1kali1 (2022-11-07) x86_64 GNU/Linux
$ users
ashwathi
$ uptime
11:59:51 up 10 min, 1 user, load average: 0.04, 0.10, 0.08
$ users
ashwathi
```

```
kali [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

ashwathi@kali: ~
File Actions Edit View Help
root:x86_64:root:/root:/usr/bin/zsh
daemon:x11:daemon:/usr/sbin:/usr/sbin/nologin
bin:x86_64:bin:/bin:/usr/sbin/nologin
sys:x86_64:sys:/dev:/usr/sbin/nologin
sync:x86_64:sync:/bin:/bin/sync
games:x86_64:games:/usr/games:/usr/sbin/nologin
man:x86_64:man:/var/cache/man:/usr/sbin/nologin
lp:x86_64:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x86_64:mail:/var/mail:/usr/sbin/nologin
news:x86_64:news:/var/spool/news:/usr/sbin/nologin
uucp:x86_64:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x86_64:proxy:/bin:/usr/sbin/nologin
www-data:x86_64:www-data:/var/www:/usr/sbin/nologin
backup:x86_64:backup:/var/backups:/usr/sbin/nologin
list:x86_64:Mail Manager:/var/list:/usr/sbin/nologin
irc:x86_64:irc:/run/ircd:/usr/sbin/nologin
_apt:x86_64:apt:/usr/sbin/nologin
nobody:x86_64:nobody:/nonexistent:/usr/sbin/nologin
systemd-networkd:x86_64:systemd Network Management:/usr/sbin/nologin
mysql:x86_64:MySQL Server:/usr/sbin/nologin
strongswan:x86_64:strongswan:/usr/sbin/nologin
systemd-timesyncd:x86_64:systemd Time Synchronization:/usr/sbin/nologin
redis:x86_64:redis:/usr/sbin/nologin
rhdod:x86_64:rhdod:/usr/sbin/nologin
jodine:x86_64:jodine:/usr/sbin/nologin
miredo:x86_64:miredo:/usr/sbin/nologin
redox:x86_64:redox:/usr/sbin/nologin
usbmux:x86_64:usbmuxd daemon:/usr/sbin/nologin
mosquitto:x86_64:mosquitto:/usr/sbin/nologin
tcpdump:x86_64:tcpdump:/usr/sbin/nologin
smbd:x86_64:smbd:/usr/sbin/nologin
_ftp:x86_64:ftpd:/usr/sbin/nologin
dnsmasq:x86_64:dnsmasq:/usr/sbin/nologin
statd:x86_64:statd:/usr/sbin/nologin
avahi:x86_64:avahi-daemon:/usr/sbin/nologin
stunnel:x86_64:stunnel service system account:/usr/sbin/nologin
Debian-snmpp:x86_64:snmp:/usr/sbin/nologin
_gvm:x86_64:gvm:/usr/sbin/nologin
speech-dispatcher:x86_64:Speech Dispatcher:/usr/sbin/nologin
sblnx:x86_64:sblnx:/usr/sbin/nologin
postgres:x86_64:PostgreSQL administrator:/usr/sbin/nologin
pulse:x86_64:pulseaudio daemon:/usr/sbin/nologin
samed:x86_64:samed:/usr/sbin/nologin
inetd:x86_64:inetd:/usr/sbin/nologin
lightdm:x86_64:Light Display Manager:/usr/sbin/nologin
geoclue:x86_64:geoclue:/usr/sbin/nologin
/etc/passwd
```

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kali [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

ashwathi@kali: ~
File Actions Edit View Help
--(ashwathi@kali)~
$ more /etc/passwd
root:x86_64:root:/root:/usr/bin/zsh
daemon:x11:daemon:/usr/sbin:/usr/sbin/nologin
bin:x86_64:bin:/bin:/usr/sbin/nologin
sys:x86_64:sys:/dev:/usr/sbin/nologin
sync:x86_64:sync:/bin:/bin/sync
games:x86_64:games:/usr/games:/usr/sbin/nologin
man:x86_64:man:/var/cache/man:/usr/sbin/nologin
lp:x86_64:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x86_64:mail:/var/mail:/usr/sbin/nologin
news:x86_64:news:/var/spool/news:/usr/sbin/nologin
uucp:x86_64:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x86_64:proxy:/bin:/usr/sbin/nologin
www-data:x86_64:www-data:/var/www:/usr/sbin/nologin
backup:x86_64:backup:/var/backups:/usr/sbin/nologin
list:x86_64:Mail Manager:/var/list:/usr/sbin/nologin
irc:x86_64:irc:/run/ircd:/usr/sbin/nologin
_apt:x86_64:apt:/usr/sbin/nologin
nobody:x86_64:nobody:/nonexistent:/usr/sbin/nologin
systemd-networkd:x86_64:systemd Network Management:/usr/sbin/nologin
mysql:x86_64:MySQL Server:/usr/sbin/nologin
strongswan:x86_64:strongswan:/usr/sbin/nologin
systemd-timesyncd:x86_64:systemd Time Synchronization:/usr/sbin/nologin
redis:x86_64:redis:/usr/sbin/nologin
rhdod:x86_64:rhdod:/usr/sbin/nologin
jodine:x86_64:jodine:/usr/sbin/nologin
miredo:x86_64:miredo:/usr/sbin/nologin
redox:x86_64:redox:/usr/sbin/nologin
usbmux:x86_64:usbmuxd daemon:/usr/sbin/nologin
mosquitto:x86_64:mosquitto:/usr/sbin/nologin
tcpdump:x86_64:tcpdump:/usr/sbin/nologin
smbd:x86_64:smbd:/usr/sbin/nologin
_ftp:x86_64:ftpd:/usr/sbin/nologin
dnsmasq:x86_64:dnsmasq:/usr/sbin/nologin
statd:x86_64:statd:/usr/sbin/nologin
avahi:x86_64:avahi-daemon:/usr/sbin/nologin
stunnel:x86_64:stunnel service system account:/usr/sbin/nologin
Debian-snmpp:x86_64:snmp:/usr/sbin/nologin
_gvm:x86_64:gvm:/usr/sbin/nologin
speech-dispatcher:x86_64:Speech Dispatcher:/usr/sbin/nologin
sblnx:x86_64:sblnx:/usr/sbin/nologin
postgres:x86_64:PostgreSQL administrator:/usr/sbin/nologin
pulse:x86_64:pulseaudio daemon:/usr/sbin/nologin
samed:x86_64:samed:/usr/sbin/nologin
inetd:x86_64:inetd:/usr/sbin/nologin
```

```
kali [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

ashwathi@kali: ~/Desktop

ashwathi@kali:~$ free
              total        used        free      shared  buff/cache   available
Mem:           3574216       710736        2414700         32160        448720        2679468
Swap:           999420            0         999420

ashwathi@kali:~$ free -t
              total        used        free      shared  buff/cache   available
Mem:           3574216       710784        2414700         32160        448752        2679500
Swap:           999420            0         999420
Total:          4573636       710784        3414100

ashwathi@kali:~$ sort file.text
Welcome to Linux

ashwathi@kali:~$ sort -r file.text
Welcome to Linux

ashwathi@kali:~$ history
1 ifconfig
2 nmap -SS 192.168.1.1
3 nmap -ST 192.168.1.1
4 nmap -sS 192.168.1.1
5 nmap -sA 192.168.1.1
6 nmap -Pn 192.168.1.1
7 nmap -sA 192.168.1.1
8 nmap -PR 192.168.1.1
9 nmap -n 192.168.1.1
10 nmap -p 1-10 192.168.1.1
11 nmap -p- 192.168.1.1
12 nmap -F 192.168.1.1
13 nmap -sV 192.168.1.1
14 nmap -A 192.168.1.1
15 nmap -O 192.168.1.1
16 nmap -T0 192.168.1.1
17 nmap -T1 192.168.1.1
18 nmap -T2 192.168.1.1
19 nmap -T3 192.168.1.1
20 nmap -T4 192.168.1.1
21 nmap -T5 192.168.1.1
22 date
23 cal
24 sudo su
25 cal
26 date
```

```
kali [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

ashwathi@kali: ~/Desktop

14 nmap -A 192.168.1.1
15 nmap -O 192.168.1.1
16 nmap -T0 192.168.1.1
17 nmap -T1 192.168.1.1
18 nmap -T2 192.168.1.1
19 nmap -T3 192.168.1.1
20 nmap -T4 192.168.1.1
21 nmap -T5 192.168.1.1
22 date
23 cal
24 sudo su
25 cal
26 date
27 cal
28 cal
29 date
30 cal
31 date
32 whoami
33 who
34 ls -al
35 echo "Welcome to linux" > file.text
36 cat file.text
37 uname
38 uname -a
39 uname -a
40 users
41 uptime
42 users
43 less /etc/passwd
44 more /etc/passwd
45 free
46 free -t
47 sort file.text
48 sort -r file.text

ashwathi@kali:~$ pwd
/home/ashwathi

ashwathi@kali:~$ cd Desktop
ashwathi@kali:~/Desktop$ pwd
/home/ashwathi/Desktop
ashwathi@kali:~/Desktop$
```

