


```
kali-linux-2025.3-virtualbox-amd64 [Running] - Oracle VirtualBox
File Machine View Input Devices Help

kali@kali ~
Session Actions Edit View Help

thc-ipv6/kali-rolling 3.8-2 amd64 [upgradable from: 3.8-1+b2]
thunar-data/kali-rolling 4.20.5-1 all [upgradable from: 4.20.4-1]
thunar/kali-rolling 4.20.5-1 amd64 [upgradable from: 4.20.4-1]
toilet-fonts/kali-rolling 0.3-5 all [upgradable from: 0.3-4]
tshark/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
udev/kali-rolling 258-1 amd64 [upgradable from: 257.7-1]
udisks2/kali-rolling 2.10.91-1 amd64 [upgradable from: 2.10.90-3]
virtualbox-guest-utils/kali-rolling 7.2.2-dfsg-2 amd64 [upgradable from: 7.1.12-dfsg-2]
virtualbox-guest-x11/kali-rolling 7.2.2-dfsg-2 amd64 [upgradable from: 7.1.12-dfsg-2]
winbind/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
wireplumber/kali-rolling 0.5.11-1 amd64 [upgradable from: 0.5.10-3]
wireshark-common/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
wireshark/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
wpasupplicant/kali-rolling 2:2.10-24+b1 amd64 [upgradable from: 2:2.10-24]
x11-common/kali-rolling 1:7.7+25 all [upgradable from: 1:7.7+24]
... skipping ...
readline-common/kali-rolling 8.3-3 all [upgradable from: 8.2-6]
ruby-activesupport/kali-rolling 2:7.2.2+dfsg-1 all [upgradable from: 2:7.2.2.1+dfsg-7]
ruby-snmpp/kali-rolling 1.3.3-1 all [upgradable from: 1.3.2-1]
samba-ad-dc/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
samba-ad-provision/kali-rolling 2:4.23.0+dfsg-3 all [upgradable from: 2:4.22.4+dfsg-1]
samba-common-bin/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
samba-common/kali-rolling 2:4.23.0+dfsg-3 all [upgradable from: 2:4.22.4+dfsg-1]
samba-dsdb-modules/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
samba-libs/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
samba/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
sane-utils/kali-rolling 1.4.0-1 amd64 [upgradable from: 1.3.1-4+b1]
smbclient/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
sqlmap/kali-rolling 1.9.9-1 all [upgradable from: 1.9.8-1]
systemd-sysv/kali-rolling 258-1 amd64 [upgradable from: 257.7-1]
systemd-timesyncd/kali-rolling 258-1 amd64 [upgradable from: 257.7-1]
systemd/kali-rolling 258-1 amd64 [upgradable from: 257.7-1]
tcpreplay/kali-rolling 4.5.2-1 amd64 [upgradable from: 4.5.1-1]
tdb-tools/kali-rolling 2:1.4.14+samba4.23.0+dfsg-3 amd64 [upgradable from: 2:1.4.13+samba4.22.4+dfsg-1]
```

30°C Partly cloudy

Search

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```
kali@kali: ~$ dpkg-query -f='${Package} ${Version} ${Architecture} ${Upgradable}\n'
```

tdeb-tools/kali-rolling 2:1.4.14+samba4.23.0+dfsg-3 amd64 [upgradable from: 2:1.4.13+samba4.22.4+dfsg-1]
thc-ipv6/kali-rolling 3.8-2 amd64 [upgradable from: 3.8-1+b2]
thunar-data/kali-rolling 4.20.5-1 all [upgradable from: 4.20.4-1]
thunar/kali-rolling 4.20.5-1 amd64 [upgradable from: 4.20.4-1]
toilet-fonts/kali-rolling 0.3-5 all [upgradable from: 0.3-4]
tshark/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
udev/kali-rolling 258-1 amd64 [upgradable from: 257.7-1]
udisks2/kali-rolling 2.10.91-1 amd64 [upgradable from: 2.10.90-3]
virtualbox-guest-utils/kali-rolling 7.2.2-dfsg-2 amd64 [upgradable from: 7.1.12-dfsg-2]
virtualbox-guest-x11/kali-rolling 7.2.2-dfsg-2 amd64 [upgradable from: 7.1.12-dfsg-2]
winbind/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
wireplumber/kali-rolling 0.5.11-1 amd64 [upgradable from: 0.5.10-3]
wireshark-common/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
wireshark/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
wpasupplicant/kali-rolling 2:2.10-24+b1 amd64 [upgradable from: 2:2.10-24]
x11-common/kali-rolling 1:7.7+25 all [upgradable from: 1:7.7+24]
xbrlapi/kali-rolling 6.8-3 amd64 [upgradable from: 6.8-2]
xdg-desktop-portal-gtk/kali-rolling 1.15.3-2 amd64 [upgradable from: 1.15.3-1]
xdg-user-dirs-gtk/kali-rolling 0.14-2 amd64 [upgradable from: 0.14-1]
xdg-user-dirs/kali-rolling 0.18-3 amd64 [upgradable from: 0.18-2]
xorg/kali-rolling 1:7.7+25 amd64 [upgradable from: 1:7.7+24]
xserver-common/kali-rolling 2:21.1.18-2 all [upgradable from: 2:21.1.16-1.3]
xserver-xephyr/kali-rolling 2:21.1.18-2 amd64 [upgradable from: 2:21.1.16-1.3]
xserver-xorg-core/kali-rolling 2:21.1.18-2 amd64 [upgradable from: 2:21.1.16-1.3]
xserver-xorg-input-all/kali-rolling 1:7.7+25 amd64 [upgradable from: 1:7.7+24]
xserver-xorg-legacy/kali-rolling 2:21.1.18-2 amd64 [upgradable from: 2:21.1.16-1.3]
xserver-xorg-video-all/kali-rolling 1:7.7+25 amd64 [upgradable from: 1:7.7+24]
xserver-xorg/kali-rolling 1:7.7+25 amd64 [upgradable from: 1:7.7+24]
xvfb/kali-rolling 2:21.1.18-2 amd64 [upgradable from: 2:21.1.16-1.3]
xz-utils/kali-rolling 5.8.1-1.1 amd64 [upgradable from: 5.8.1-1]
yelp-xsl/kali-rolling 49.0-1 all [upgradable from: 49-beta-1]
yelp/kali-rolling 49.0-3 amd64 [upgradable from: 42.3-3]
zstd/kali-rolling 1.5.7+dfsg-1.1 amd64 [upgradable from: 1.5.7+dfsg-1]

```
yelp-xsl/kali-rolling 49.0-1 all [upgradable from: 49-beta-1]
yelp/kali-rolling 49.0-3 amd64 [upgradable from: 42.3-3]
zstd/kali-rolling 1.5.7+dfsg-1.1 amd64 [upgradable from: 1.5.7+dfsg-1]
```

```
(kali@kali)-[~/firewall_task_package]
```

```
$ cd ~
```

```
(kali@kali)-[~]
```

```
$ zip -r firewall_task_package.zip firewall_task_package
```

```
updating: firewall_task_package/ (stored 0%)
```

```
updating: firewall_task_package/firewall_task_package/ (stored 0%)
```

```
(kali@kali)-[~]
```

```
$ unzip -1 firewall_task_package.zip
```

```
UnZip 6.00 of 20 April 2009, by Debian. Original by Info-ZIP.
```

```
Usage: unzip [-Z] [-opts[modifiers]] file[.zip] [list] [-x xlist] [-d exdir]
Default action is to extract files in list, except those in xlist, to exdir;
file[.zip] may be a wildcard. -Z => ZipInfo mode ("unzip -Z" for usage).
```

-p extract files to pipe, no messages	-l list files (short format)
-f freshen existing files, create none	-t test compressed archive data
-u update files, create if necessary	-z display archive comment only
-v list verbosely/show version info	-T timestamp archive to latest
-x exclude files that follow (in xlist)	-d extract files into exdir

modifiers:

-n never overwrite existing files	-q quiet mode (-qq => quieter)
-o overwrite files WITHOUT prompting	-a auto-convert any text files
-j junk paths (do not make directories)	-aa treat ALL files as text
-U use escapes for all non-ASCII Unicode	-UU ignore any Unicode fields
-C match filenames case-insensitively	-L make (some) names lowercase
-X restore UID/GID info	-V retain VMS version numbers
-K keep setuid/setgid/tacky permissions	-M pipe through "more" pager

See "unzip -hh" or unzip.txt for more help. Examples:

```
(kali@kali)~$ zip -r firewall_task_package.zip firewall_task_package
updating: firewall_task_package/ (stored 0%)
updating: firewall_task_package/firewall_task_package/ (stored 0%)
```

```
(kali@kali)~$ unzip -l firewall_task_package.zip
UnZip 6.00 of 20 April 2009, by Debian. Original by Info-ZIP.
```

Usage: unzip [-Z] [-opts[modifiers]] file[.zip] [list] [-x xlist] [-d exdir]
Default action is to extract files in list, except those in xlist, to exdir;
file[.zip] may be a wildcard. -Z ⇒ ZipInfo mode ("unzip -Z" for usage).

-p	extract files to pipe, no messages	-l	list files (short format)
-f	freshen existing files, create none	-t	test compressed archive data
-u	update files, create if necessary	-z	display archive comment only
-v	list verbosely/show version info	-T	timestamp archive to latest
-x	exclude files that follow (in xlist)	-d	extract files into exdir

modifiers:

-n	never overwrite existing files	-q	quiet mode (-qq ⇒ quieter)
-o	overwrite files WITHOUT prompting	-a	auto-convert any text files
-j	junk paths (do not make directories)	-aa	treat ALL files as text
-U	use escapes for all non-ASCII Unicode	-UU	ignore any Unicode fields
-C	match filenames case-insensitively	-L	make (some) names lowercase
-X	restore UID/GID info	-V	retain VMS version numbers
-K	keep setuid/setgid/tacky permissions	-M	pipe through "more" pager

See "unzip -hh" or unzip.txt for more help. Examples:

```
unzip data1 -x joe ⇒ extract all files except joe from zipfile data1.zip
unzip -p foo | more ⇒ send contents of foo.zip via pipe into program more
unzip -fo foo ReadMe ⇒ quietly replace existing ReadMe if archive file newer
```

```
(kali@kali)~$
```



```
(kali@kali)~[~]
$ mkdir ~/firewall_task_package
mkdir: cannot create directory '/home/kali/firewall_task_package': File exists
```

```
(kali@kali)~[~]
$ cd ~/firewall_task_package
```

```
(kali@kali)~/firewall_task_package
$ sudo apt update
Hit:1 http://http.kali.org/kali kali-rolling InRelease
499 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

```
(kali@kali)~/firewall_task_package
$ sudo apt install zip -y
zip is already the newest version (3.0-15).
Summary:
Upgrading: 0, Installing: 0, Removing: 0, Not Upgrading: 499
```

```
(kali@kali)~/firewall_task_package
$ apt list --upgradable
accountsservice/kali-rolling 23.13.9-8 amd64 [upgradable from: 23.13.9-7]
adduser/kali-rolling 3.153 all [upgradable from: 3.152]
adwaita-icon-theme/kali-rolling 49.0-1 all [upgradable from: 48.1-1]
aircrack-ng/kali-rolling 1:1.7+git20230807.4bf83f1a-2+b1 amd64 [upgradable from: 1:1.7+git20230807.4bf83f1a-2]
amass/kali-rolling 5.0.1-0kali1 amd64 [upgradable from: 4.2.0-0kali1]
aspell-en/kali-rolling 2020.12.07-0-1.1 all [upgradable from: 2020.12.07-0-1]
at-spi2-common/kali-rolling 2.58.0-1 all [upgradable from: 2.57.1-1]
at-spi2-core/kali-rolling 2.58.0-1 amd64 [upgradable from: 2.57.1-1]
avahi-daemon/kali-rolling 0.8-17 amd64 [upgradable from: 0.8-16]
avahi-utils/kali-rolling 0.8-17 amd64 [upgradable from: 0.8-16]
bash/kali-rolling 5.3-1 amd64 [upgradable from: 5.2.37-2+b5]
binutils-common/kali-rolling 2.45-7 amd64 [upgradable from: 2.45-4]
binutils-x86-64-linux-gnu/kali-rolling 2.45-7 amd64 [upgradable from: 2.45-4]
```


kali-linux-2025.3-virtualbox-amd64 [Running] - Oracle VirtualBox

File Machine View Input Devices Help

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```
kali@kali: ~$ dpkg-query -f='${Package} ${Version} ${Architecture} [upgradable from: ${Version-Other}]\n' -W
```

ghostscript/kali-rolling 10.05.1-1 dfsg amd64 [upgradable from: 10.05.1-1]
gir1.2-atk-1.0/kali-rolling 2.58.0-1 amd64 [upgradable from: 2.57.1-1]
gir1.2-atspi-2.0/kali-rolling 2.58.0-1 amd64 [upgradable from: 2.57.1-1]
gir1.2-freedesktop/kali-rolling 1.86.0-2 amd64 [upgradable from: 1.84.0-1]
gir1.2-girepository-2.0/kali-rolling 1.86.0-2 amd64 [upgradable from: 1.84.0-1]
gir1.2-gstreamer-1.0/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2]
gir1.2-gtk-3.0/kali-rolling 3.24.50-2 amd64 [upgradable from: 3.24.50-1]
gir1.2-harfbuzz-0.0/kali-rolling 11.4.5-1 amd64 [upgradable from: 10.2.0-1+b1]
gir1.2-libxfce4ui-2.0/kali-rolling 4.20.2-1 amd64 [upgradable from: 4.20.1-1]
gir1.2-nm-1.0/kali-rolling 1.54.1-1 amd64 [upgradable from: 1.54.0-4]
gir1.2-pango-1.0/kali-rolling 1.56.3-2 amd64 [upgradable from: 1.56.3-1]
gir1.2-secret-1/kali-rolling 0.21.7-2 amd64 [upgradable from: 0.21.7-1]
gir1.2-vte-2.91/kali-rolling 0.80.3-3 amd64 [upgradable from: 0.80.3-2]
gir1.2-wnck-3.0/kali-rolling 43.3-1 amd64 [upgradable from: 43.2-1]
git-man/kali-rolling 1:2.51.0-1 all [upgradable from: 1:2.50.1-0.1]
git/kali-rolling 1:2.51.0-1 amd64 [upgradable from: 1:2.50.1-0.1]
gsettings-desktop-schemas/kali-rolling 49.0-1 all [upgradable from: 49~beta-1]
gstreamer1.0-gl/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2+b1]
gstreamer1.0-libav/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2]
gstreamer1.0-plugins-base/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2+b1]
gstreamer1.0-plugins-good/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-3]
gstreamer1.0-x/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2+b1]
gtk-update-icon-cache/kali-rolling 4.20.1+ds-2 amd64 [upgradable from: 4.18.6+ds-2]
gvfs-backends/kali-rolling 1.58.0-1 amd64 [upgradable from: 1.57.2-3+b1]
gvfs-common/kali-rolling 1.58.0-1 all [upgradable from: 1.57.2-3]
gvfs-daemons/kali-rolling 1.58.0-1 amd64 [upgradable from: 1.57.2-3+b1]
gvfs-fuse/kali-rolling 1.58.0-1 amd64 [upgradable from: 1.57.2-3+b1]
gvfs-libfs/kali-rolling 1.58.0-1 amd64 [upgradable from: 1.57.2-3+b1]
gvfs/kali-rolling 1.58.0-1 amd64 [upgradable from: 1.57.2-3+b1]
hwloc/kali-rolling 2.12.2-1 amd64 [upgradable from: 2.12.0-4+b1]
hydra/kali-rolling 9.6-1 amd64 [upgradable from: 9.5-3]
imagemagick-7-common/kali-rolling 8:7.1.2.3+dfsg1-1 all [upgradable from: 8:7.1.1.43+dfsg1-1]
imagemagick-7.q16/kali-rolling 8:7.1.2.3+dfsg1-1 amd64 [upgradable from: 8:7.1.1.43+dfsg1-1]
imagemagick/kali-rolling 8:7.1.2.3+dfsg1-1 amd64 [upgradable from: 8:7.1.1.43+dfsg1-1]

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kali-linux-2025.3-virtualbox-amd64 [Running] - Oracle VirtualBox

File Machine View Input Devices Help

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Session Actions Edit View Help

```
kali@kali: ~$ dpkg-query -f='${Package} ${Version} ${Architecture} ${Upgradable}\n' -W | sort -k 4,4 | grep -v '^$'
imagemagick/kali-rolling 8:7.1.2.3+dfsg1-1 amd64 [upgradable from: 8:7.1.1.43+dfsg1-1]
initramfs-tools-bin/kali-rolling 0.150 amd64 [upgradable from: 0.148.3]
initramfs-tools-core/kali-rolling 0.150 all [upgradable from: 0.148.3]
initramfs-tools/kali-rolling 0.150 all [upgradable from: 0.148.3]
intel-microcode/kali-rolling 3.20250812.1 amd64 [upgradable from: 3.20250512.1]
ipython3/kali-rolling 8.35.0-2 all [upgradable from: 8.35.0-1]
iw/kali-rolling 6.9-1+b1 amd64 [upgradable from: 6.9-1]
kali-defaults-desktop/kali-rolling 2025.4.0 all [upgradable from: 2025.3.5]
kali-defaults/kali-rolling 2025.4.0 all [upgradable from: 2025.3.5]
kali-desktop-base/kali-rolling 2025.4.0 all [upgradable from: 2025.3.3]
kali-menu/kali-rolling 2025.4.1 all [upgradable from: 2025.3.2]
kali-themes-common/kali-rolling 2025.4.0 all [upgradable from: 2025.3.3]
kali-themes/kali-rolling 2025.4.0 all [upgradable from: 2025.3.3]
kali-undercover/kali-rolling 2025.4.0 all [upgradable from: 2025.3.0]
keyboard-configuration/kali-rolling 1.242 all [upgradable from: 1.240]
kismet-capture-common/kali-rolling 2025.09.R1-0kali3 all [upgradable from: 2023.07.R2-0kali2]
kismet-capture-hak5-wifi-coconut/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-linux-bluetooth/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-linux-wifi/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-nrf-51822/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-nrf-52840/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-nrf-mousejack/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-nxp-kw41z/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-rz-killerbee/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-ti-cc-2531/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-ti-cc-2540/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-capture-ubertooth-one/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-core/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet-logtools/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
kismet/kali-rolling 2025.09.R1-0kali3 amd64 [upgradable from: 2023.07.R2-0kali2]
legion/kali-rolling 0.4.7-0kali2 amd64 [upgradable from: 0.4.3-0kali7]
libaccountsservice0/kali-rolling 23.13.9-8 amd64 [upgradable from: 23.13.9-7]
libafflib0t64/kali-rolling 3.7.22-1 amd64 [upgradable from: 3.7.21-1]
libasound2-data/kali-rolling 1.2.14-2 all [upgradable from: 1.2.14-1]
```

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```
libasound2-data/kali-rolling 1.2.14-2 all [upgradable from: 1.2.14-1]
libasound2t64/kali-rolling 1.2.14-2 amd64 [upgradable from: 1.2.14-1]
libasynccns0/kali-rolling 0.8-7 amd64 [upgradable from: 0.8-6+b5]
libatk-bridge2.0-0t64/kali-rolling 2.58.0-1 amd64 [upgradable from: 2.57.1-1]
libatk-wrapper-java-jni/kali-rolling 0.42.1-2 amd64 [upgradable from: 0.42.1-1]
libatk-wrapper-java/kali-rolling 0.42.1-2 all [upgradable from: 0.42.1-1]
libatk1.0-0t64/kali-rolling 2.58.0-1 amd64 [upgradable from: 2.57.1-1]
libatspi2.0-0t64/kali-rolling 2.58.0-1 amd64 [upgradable from: 2.57.1-1]
libaudit-common/kali-rolling 1:4.1.2-1 all [upgradable from: 1:4.0.5-1]
libaudit1t1/kali-rolling 1:4.1.2-1 amd64 [upgradable from: 1:4.0.5-1]
libavahi-client3/kali-rolling 0.8-17 amd64 [upgradable from: 0.8-16]
libavahi-common-data/kali-rolling 0.8-17 amd64 [upgradable from: 0.8-16]
libavahi-common3/kali-rolling 0.8-17 amd64 [upgradable from: 0.8-16]
libavahi-core7/kali-rolling 0.8-17 amd64 [upgradable from: 0.8-16]
libavahi-glib1/kali-rolling 0.8-17 amd64 [upgradable from: 0.8-16]
libavcodec61/kali-rolling 7:7.1.2-1 amd64 [upgradable from: 7:7.1.1-1+b5]
libavfilter10/kali-rolling 7:7.1.2-1 amd64 [upgradable from: 7:7.1.1-1+b5]
libavformat61/kali-rolling 7:7.1.2-1 amd64 [upgradable from: 7:7.1.1-1+b5]
libavutil59/kali-rolling 7:7.1.2-1 amd64 [upgradable from: 7:7.1.1-1+b5]
libbinutils/kali-rolling 2.45-7 amd64 [upgradable from: 2.45-4]
libbit-vector-perl/kali-rolling 7.4-4 amd64 [upgradable from: 7.4-3+b3]
libblas3/kali-rolling 3.12.1-7 amd64 [upgradable from: 3.12.1-6]
libblosc1/kali-rolling 1.21.5+ds-2 amd64 [upgradable from: 1.21.5+ds-1+b2]
libblosc2-4/kali-rolling 2.17.1+ds-2 amd64 [upgradable from: 2.17.1+ds-1]
libbrlapi0.8/kali-rolling 6.8-3 amd64 [upgradable from: 6.8-2]
libcgi-pm-perl/kali-rolling 4.70-1 all [upgradable from: 4.68-1]
libchromaprint1/kali-rolling 1.6.0-1 amd64 [upgradable from: 1.5.1-7]
libcloudproviders0/kali-rolling 0.3.6-3 amd64 [upgradable from: 0.3.6-2]
libcolorhug2/kali-rolling 1.4.8-1 amd64 [upgradable from: 1.4.7-3]
libcolorhug2/kali-rolling 1.4.8-1 amd64 [upgradable from: 1.4.7-3]
libct4/kali-rolling 1.5.5+ds-1 amd64 [upgradable from: 1.5.4+ds-1]
libctf-nobfd0/kali-rolling 2.45-7 amd64 [upgradable from: 2.45-4]
libctf0/kali-rolling 2.45-7 amd64 [upgradable from: 2.45-4]
libdate-calc-xs-perl/kali-rolling 6.4-3 amd64 [upgradable from: 6.4-2+b4]
```



```
kali@kali:~$ dpkg-query -f='${Package} ${Version} ${Architecture} [upgradable from: ${Version-Other}]\n' -W
```

libdate-calc-xs-perl/kali-rolling 6.4-3 amd64 [upgradable from: 6.4-2+b4]
libdc1394-25/kali-rolling 2.2.6-6 amd64 [upgradable from: 2.2.6-5]
libdconf1/kali-rolling 0.49.0-1 amd64 [upgradable from: 0.40.0-5]
libdlt2/kali-rolling 2.18.10-12 amd64 [upgradable from: 2.18.10-10+b1]
libdwit64/kali-rolling 0.193-3 amd64 [upgradable from: 0.192-4]
libebur128-1/kali-rolling 1.2.6-2 amd64 [upgradable from: 1.2.6-1+b2]
libegl-mesa0/kali-rolling 25.2.3-1 amd64 [upgradable from: 25.0.7-2]
libelf1t64/kali-rolling 0.193-3 amd64 [upgradable from: 0.192-4]
libexiv2-28/kali-rolling 0.28.7+dfsg-2 amd64 [upgradable from: 0.28.5+dfsg-1]
libexiv2-data/kali-rolling 0.28.7+dfsg-2 all [upgradable from: 0.28.5+dfsg-1]
libexpat1-dev/kali-rolling 2.7.2-1 amd64 [upgradable from: 2.7.1-2]
libexpat1/kali-rolling 2.7.2-1 amd64 [upgradable from: 2.7.1-2]
libfbclient2/kali-rolling 4.0.6.3221.ds6-2 amd64 [upgradable from: 4.0.6.3221.ds6-1]
libffi-dev/kali-rolling 3.5.2-2 amd64 [upgradable from: 3.4.8-2]
libffi8/kali-rolling 3.5.2-2 amd64 [upgradable from: 3.4.8-2]
libfontconfig1/kali-rolling 2.15.0-2.4 amd64 [upgradable from: 2.15.0-2.3]
libftdi1-2/kali-rolling 1.5-12 amd64 [upgradable from: 1.5-11]
libgbm1/kali-rolling 25.2.3-1 amd64 [upgradable from: 25.0.7-2]
libgck-1-0/kali-rolling 3.41.2-4 amd64 [upgradable from: 3.41.2-3]
libgck-2-2/kali-rolling 4.4.0.1-7 amd64 [upgradable from: 4.4.0.1-6]
libgcr-4-4/kali-rolling 4.4.0.1-7 amd64 [upgradable from: 4.4.0.1-6]
libgcr-base-3-1/kali-rolling 3.41.2-4 amd64 [upgradable from: 3.41.2-3]
libgcr-ui-3-1/kali-rolling 3.41.2-4 amd64 [upgradable from: 3.41.2-3]
libgdal37/kali-rolling 3.11.4+dfsg-1 amd64 [upgradable from: 3.11.3+dfsg-1]
libgirepository-1.0-1/kali-rolling 1.86.0-2 amd64 [upgradable from: 1.84.0-1]
libgl1-mesa-dri/kali-rolling 25.2.3-1 amd64 [upgradable from: 25.0.7-2]
libglx-mesa0/kali-rolling 25.2.3-1 amd64 [upgradable from: 25.0.7-2]
libgmp-dev/kali-rolling 2:6.3.0+dfsg-5 amd64 [upgradable from: 2:6.3.0+dfsg-4]
libgmp10/kali-rolling 2:6.3.0+dfsg-5 amd64 [upgradable from: 2:6.3.0+dfsg-4]
libgmpxx4ldbl/kali-rolling 2:6.3.0+dfsg-5 amd64 [upgradable from: 2:6.3.0+dfsg-4]
libgoa-1.0-0b/kali-rolling 3.56.0-1 amd64 [upgradable from: 3.54.5-1+b1]
libgoa-1.0-common/kali-rolling 3.56.0-1 all [upgradable from: 3.54.5-1]
libgpm2/kali-rolling 1.20.7-12 amd64 [upgradable from: 1.20.7-11+b2]
libgprofng0/kali-rolling 2.45-7 amd64 [upgradable from: 2.45-4]

kali-linux-2025.3-virtualbox-amd64 [Running] - Oracle VirtualBox

File Machine View Input Devices Help

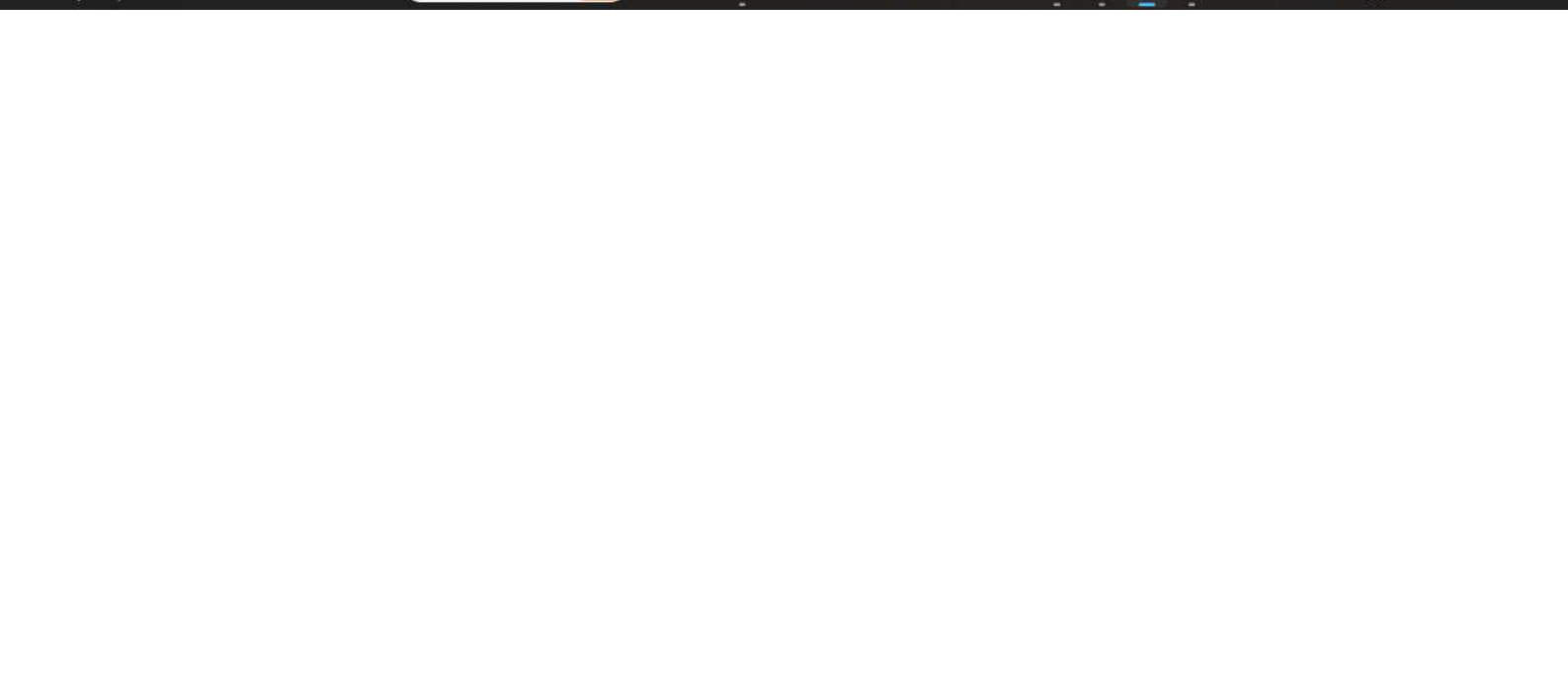
1 2 3 4

kali@kali: ~

Session Actions Edit View Help

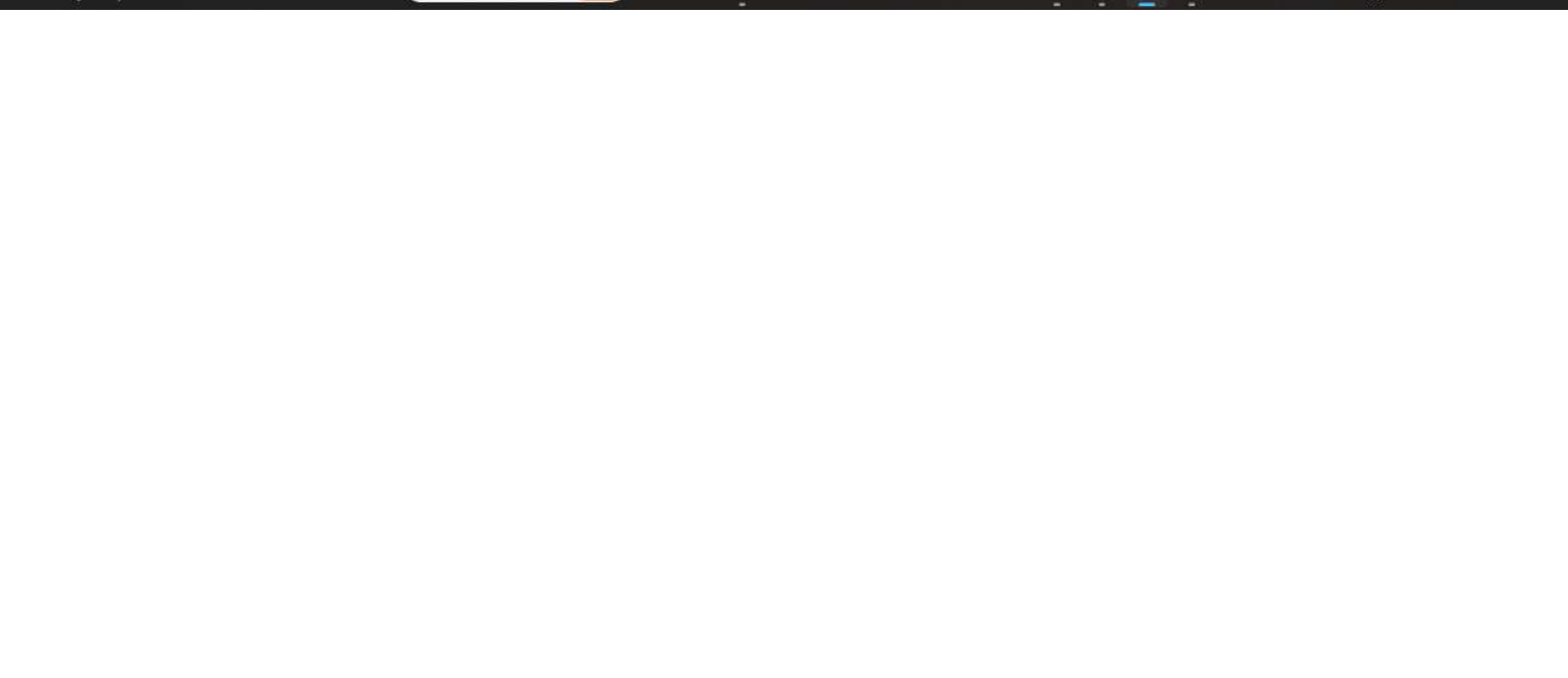
```
libgprofng0/kali-rolling 2.45-7 amd64 [upgradable from: 2.45-4]
libgraphite2-3/kali-rolling 1.3.14-7 amd64 [upgradable from: 1.3.14-3]
libgs-common/kali-rolling 10.05.1~dfsg-3 all [upgradable from: 10.05.1~dfsg-1]
libgs10-common/kali-rolling 10.05.1~dfsg-3 all [upgradable from: 10.05.1~dfsg-1]
libgs10/kali-rolling 10.05.1~dfsg-3 amd64 [upgradable from: 10.05.1~dfsg-1]
libgspell-1-3/kali-rolling 1.14.0-4 amd64 [upgradable from: 1.14.0-2+b1]
libgspell-1-common/kali-rolling 1.14.0-4 all [upgradable from: 1.14.0-2]
libgstreamer-gl1.0-0/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2+b1]
libgstreamer-plugins-base1.0-0/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2+b1]
libgstreamer1.0-0/kali-rolling 1.26.6-1 amd64 [upgradable from: 1.26.5-2]
libgtk-3-0t64/kali-rolling 3.24.50-2 amd64 [upgradable from: 3.24.50-1]
libgtk-3-bin/kali-rolling 3.24.50-2 amd64 [upgradable from: 3.24.50-1]
libgtk-3-common/kali-rolling 3.24.50-2 all [upgradable from: 3.24.50-1]
libgtk-4-1/kali-rolling 4.20.1+ds-2 amd64 [upgradable from: 4.18.6+ds-2]
libgtk-4-bin/kali-rolling 4.20.1+ds-2 amd64 [upgradable from: 4.18.6+ds-2]
libgtk-4-common/kali-rolling 4.20.1+ds-2 all [upgradable from: 4.18.6+ds-2]
libgtkmm-4.0-0/kali-rolling 4.19.1-4 amd64 [upgradable from: 4.18.0-1]
libgtop-2.0-11/kali-rolling 2.41.3-2 amd64 [upgradable from: 2.41.3-1+b2]
libgtop2-common/kali-rolling 2.41.3-2 all [upgradable from: 2.41.3-1]
libgudev-1.0-0/kali-rolling 238-7 amd64 [upgradable from: 238-6]
libgxps2t64/kali-rolling 0.3.2-5 amd64 [upgradable from: 0.3.2-4+b2]
libharfbuzz-gobject0/kali-rolling 11.4.5-1 amd64 [upgradable from: 10.2.0-1+b1]
libharfbuzz-icu0/kali-rolling 11.4.5-1 amd64 [upgradable from: 10.2.0-1+b1]
libharfbuzz-subset0/kali-rolling 11.4.5-1 amd64 [upgradable from: 10.2.0-1+b1]
libharfbuzz0b/kali-rolling 11.4.5-1 amd64 [upgradable from: 10.2.0-1+b1]
libhwloc-plugins/kali-rolling 2.12.2-1 amd64 [upgradable from: 2.12.0-4+b1]
libhwloc15/kali-rolling 2.12.2-1 amd64 [upgradable from: 2.12.0-4+b1]
libijs-0.35/kali-rolling 0.35-16 amd64 [upgradable from: 0.35-15.3]
libjs-sphinxdoc/kali-rolling 8.2.3-6 all [upgradable from: 8.2.3-2]
libjson-glib-1.0-0/kali-rolling 1.10.8+ds-1 amd64 [upgradable from: 1.10.6+ds-3]
libjson-glib-1.0-common/kali-rolling 1.10.8+ds-1 all [upgradable from: 1.10.6+ds-3]
libjson-xs-perl/kali-rolling 4.040-1 amd64 [upgradable from: 4.030-2+b5]
libjxl0.11/kali-rolling 0.11.1-6 amd64 [upgradable from: 0.11.1-4]
libkmlbase1t64/kali-rolling 1.3.0-13 amd64 [upgradable from: 1.3.0-12+b2]
```

30°C Partly cloudy Search 18:37 26-09-2025




```
kali@kali ~$ dpkg-query -f='${Package} ${Version} ${Architecture} [upgradable from: ${Version}]\n' -W
```

libopenmpt0t64/kali-rolling 0.8.3-1 amd64 [upgradable from: 0.8.2-2]
libpam-systemd/kali-rolling 258-1 amd64 [upgradable from: 257.7-1]
libpam-winbind/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
libpango-1.0-0/kali-rolling 1.56.3-2 amd64 [upgradable from: 1.56.3-1]
libpangocairo-1.0-0/kali-rolling 1.56.3-2 amd64 [upgradable from: 1.56.3-1]
libpangoft2-1.0-0/kali-rolling 1.56.3-2 amd64 [upgradable from: 1.56.3-1]
libpangoxft-1.0-0/kali-rolling 1.56.3-2 amd64 [upgradable from: 1.56.3-1]
libparted-fs-resize0t64/kali-rolling 3.6-6 amd64 [upgradable from: 3.6-5]
libparted2t64/kali-rolling 3.6-6 amd64 [upgradable from: 3.6-5]
libpcre2-16-0/kali-rolling 10.46-1 amd64 [upgradable from: 10.45-1]
libpcre2-8-0/kali-rolling 10.46-1 amd64 [upgradable from: 10.45-1]
libpcre2-posix3/kali-rolling 10.46-1 amd64 [upgradable from: 10.45-1]
libpipewire-0.3-0t64/kali-rolling 1.4.8-1 amd64 [upgradable from: 1.4.7-3+b1]
libpipewire-0.3-common/kali-rolling 1.4.8-1 all [upgradable from: 1.4.7-3]
libpipewire-0.3-modules/kali-rolling 1.4.8-1 amd64 [upgradable from: 1.4.7-3+b1]
libpoppler-glib8t64/kali-rolling 25.03.0-9 amd64 [upgradable from: 25.03.0-5]
libpoppler147/kali-rolling 25.03.0-9 amd64 [upgradable from: 25.03.0-5]
libpostproc58/kali-rolling 7:7.1.2-1 amd64 [upgradable from: 7:7.1.1-1+b5]
libpq5/kali-rolling 17.6-1 amd64 [upgradable from: 17.5-1]
libproj25/kali-rolling 9.7.0-1 amd64 [upgradable from: 9.6.2-1]
libprotobuf32t64/kali-rolling 3.21.12-13 amd64 [upgradable from: 3.21.12-11]
libproxy1v5/kali-rolling 0.5.11-2 amd64 [upgradable from: 0.5.10-1]
libqhull-r8.0/kali-rolling 2020.2-7 amd64 [upgradable from: 2020.2-6+b2]
libqt6core6t64/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6dbus6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6gui6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6network6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6opengl6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6openglwidgets6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6printsupport6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6sql6-sqlite/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6sql6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6test6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]
libqt6widgets6/kali-rolling 6.8.2+dfsg-10.1 amd64 [upgradable from: 6.8.2+dfsg-10]



kali-linux-2025.3-virtualbox-amd64 [Running] - Oracle VirtualBox

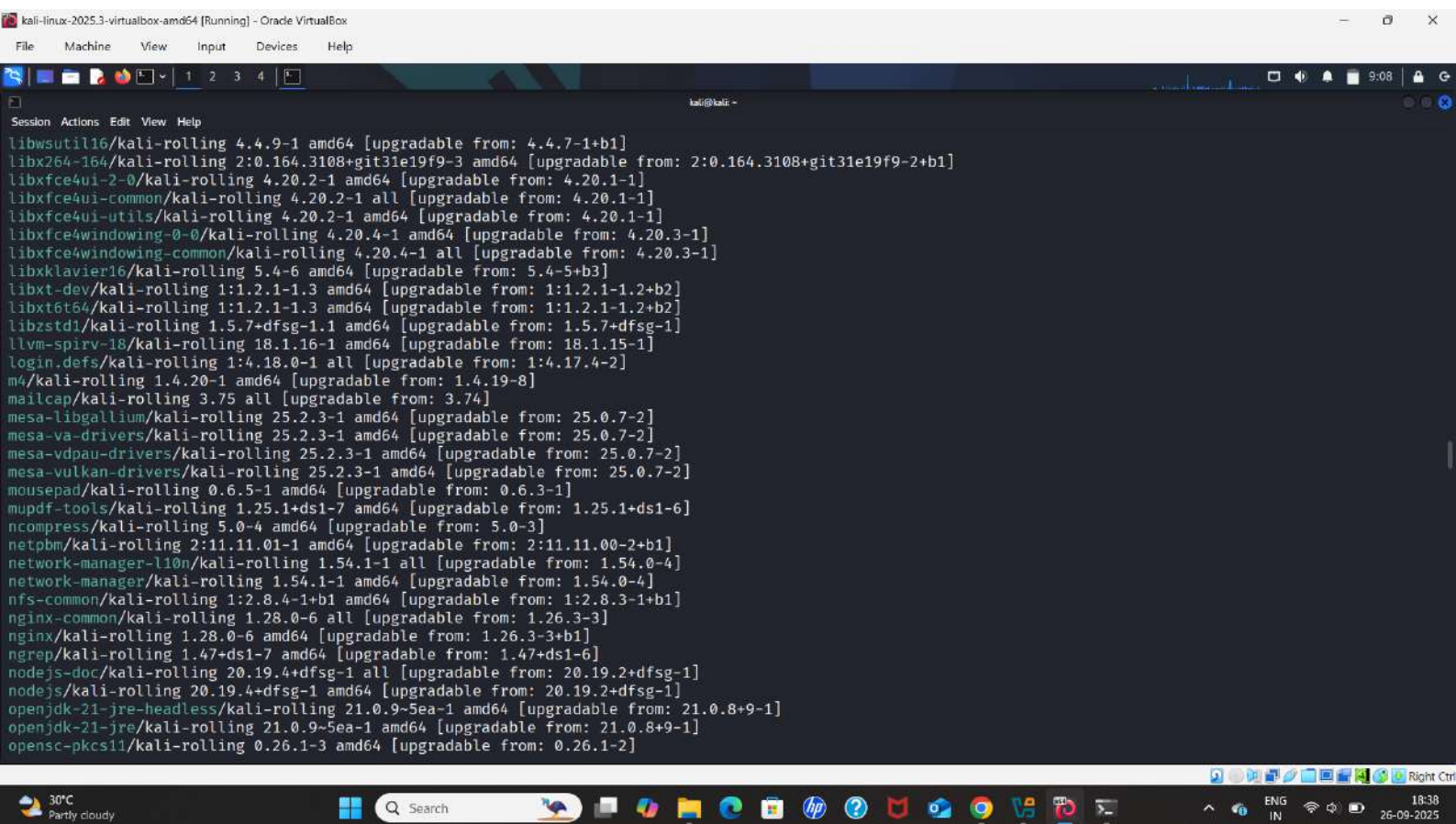
File Machine View Input Devices Help

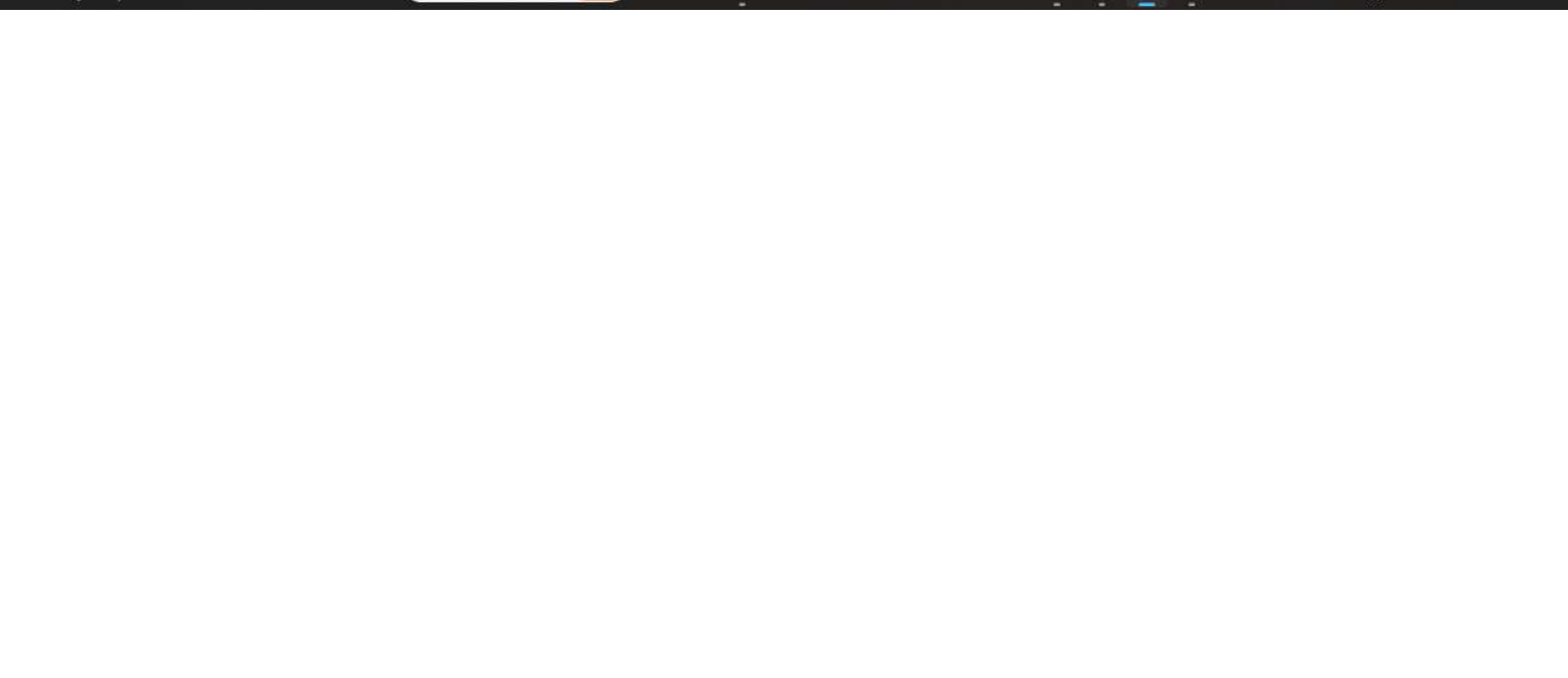
1 2 3 4

Session Actions Edit View Help

```
kali@kali: ~$ cat /etc/apt/sources.list.d/kali-rolling.list
libtalloc2/kali-rolling 2:2.4.3+samba4.23.0+dfsg-3 amd64 [upgradable from: 2:2.4.3+samba4.22.4+dfsg-1]
libtbb12/kali-rolling 2022.1.0-3 amd64 [upgradable from: 2022.1.0-1]
libtbbbind-2-5/kali-rolling 2022.1.0-3 amd64 [upgradable from: 2022.1.0-1]
libtbbmalloc2/kali-rolling 2022.1.0-3 amd64 [upgradable from: 2022.1.0-1]
libtdb1/kali-rolling 2:1.4.14+samba4.23.0+dfsg-3 amd64 [upgradable from: 2:1.4.13+samba4.22.4+dfsg-1]
libteamctl0/kali-rolling 1.31-1+b3 amd64 [upgradable from: 1.31-1+b2]
libtevent0t64/kali-rolling 2:0.17.1+samba4.23.0+dfsg-3 amd64 [upgradable from: 2:0.16.2+samba4.22.4+dfsg-1]
libtext-iconv-perl/kali-rolling 1.7-8.1 amd64 [upgradable from: 1.7-8+b4]
libtheora1/kali-rolling 1.2.0+dfsg-6 amd64 [upgradable from: 1.2.0+dfsg-5]
libtheoradec2/kali-rolling 1.2.0+dfsg-6 amd64 [upgradable from: 1.2.0+dfsg-5]
libtheoraenc2/kali-rolling 1.2.0+dfsg-6 amd64 [upgradable from: 1.2.0+dfsg-5]
libthunarx-3-0/kali-rolling 4.20.5-1 amd64 [upgradable from: 4.20.4-1]
libtiff6/kali-rolling 4.7.0-5 amd64 [upgradable from: 4.7.0-4]
libuchardet0/kali-rolling 0.0.8-2 amd64 [upgradable from: 0.0.8-1+b2]
libudev1/kali-rolling 258-1 amd64 [upgradable from: 257.7-1]
libudisks2-0/kali-rolling 2.10.91-1 amd64 [upgradable from: 2.10.90-3]
liburing2/kali-rolling 2.12-1 amd64 [upgradable from: 2.11-1]
libuv1-dev/kali-rolling 1.51.0-2 amd64 [upgradable from: 1.50.0-2]
libuv1t64/kali-rolling 1.51.0-2 amd64 [upgradable from: 1.50.0-2]
libvte-2.91-0/kali-rolling 0.80.3-3 amd64 [upgradable from: 0.80.3-2]
libvte-2.91-common/kali-rolling 0.80.3-3 amd64 [upgradable from: 0.80.3-2]
libwayland-client0/kali-rolling 1.24.0-2+b1 amd64 [upgradable from: 1.23.1-3]
libwayland-cursor0/kali-rolling 1.24.0-2+b1 amd64 [upgradable from: 1.23.1-3]
libwayland-egl1/kali-rolling 1.24.0-2+b1 amd64 [upgradable from: 1.23.1-3]
libwayland-server0/kali-rolling 1.24.0-2+b1 amd64 [upgradable from: 1.23.1-3]
libwbclient0/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
libwireplumber-0.5-0/kali-rolling 0.5.11-1 amd64 [upgradable from: 0.5.10-3]
libwireshark-data/kali-rolling 4.4.9-1 all [upgradable from: 4.4.7-1]
libwireshark18/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
libwiretap15/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
libwmf-lite-0.2-7/kali-rolling 0.2.13-2 amd64 [upgradable from: 0.2.13-1.1+b3]
libwnck-3-0/kali-rolling 43.3-1 amd64 [upgradable from: 43.2-1]
libwnck-3-common/kali-rolling 43.3-1 all [upgradable from: 43.2-1]
libwsutil16/kali-rolling 4.4.9-1 amd64 [upgradable from: 4.4.7-1+b1]
```

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```
kali@kali: ~$ dpkg-query -f='${Package} ${Version} ${Architecture} ${Upgradable}\n'
```

python3-gi-cairo/kali-rolling 3.50.0-6 amd64 [upgradable from: 3.50.0-4+b1]
python3-gi/kali-rolling 3.50.0-6 amd64 [upgradable from: 3.50.0-4+b1]
python3-git/kali-rolling 3.1.45-1 all [upgradable from: 3.1.44-1]
python3-gssapi/kali-rolling 1.10.0-1 amd64 [upgradable from: 1.9.0-1+b2]
python3-inflect/kali-rolling 7.5.0-1 all [upgradable from: 7.3.1-2]
python3-ipython/kali-rolling 8.35.0-2 all [upgradable from: 8.35.0-1]
python3-kismetcapturefreaklabszigbee/kali-rolling 2025.09.R1-0kali3 all [upgradable from: 2023.07.R2-0kali2]
python3-kismetcapturertl433/kali-rolling 2025.09.R1-0kali3 all [upgradable from: 2023.07.R2-0kali2]
python3-kismetcapturertladsb/kali-rolling 2025.09.R1-0kali3 all [upgradable from: 2023.07.R2-0kali2]
python3-ldb/kali-rolling 2:2.11.0+samba4.23.0+dfsg-3 amd64 [upgradable from: 2:2.11.0+samba4.22.4+dfsg-1]
python3-louis/kali-rolling 3.35.0-2 all [upgradable from: 3.33.0-1]
python3-lxml/kali-rolling 6.0.1-1 amd64 [upgradable from: 5.4.0-1+b1]
python3-matplotlib/kali-rolling 3.10.1+dfsg1-5 amd64 [upgradable from: 3.10.1+dfsg1-4]
python3-mistune/kali-rolling 3.1.4-1 all [upgradable from: 3.1.3-1]
python3-more-itertools/kali-rolling 10.8.0-1 all [upgradable from: 10.7.0-1]
python3-numexpr/kali-rolling 2.12.1-1 amd64 [upgradable from: 2.11.0-1]
python3-numpy-dev/kali-rolling 1:2.2.4+ds-1.2 amd64 [upgradable from: 1:2.2.4+ds-1]
python3-numpy/kali-rolling 1:2.2.4+ds-1.2 amd64 [upgradable from: 1:2.2.4+ds-1]
python3-openpyxl/kali-rolling 3.1.5+dfsg-3 all [upgradable from: 3.1.5+dfsg-2]
python3-pil.imagetk/kali-rolling 11.3.0-1 amd64 [upgradable from: 11.1.0-5+b1]
python3-pil/kali-rolling 11.3.0-1 amd64 [upgradable from: 11.1.0-5+b1]
python3-platformdirs/kali-rolling 4.4.0-1 all [upgradable from: 4.3.7-1]
python3-prompt-toolkit/kali-rolling 3.0.52-1 all [upgradable from: 3.0.51-4]
python3-protobuf/kali-rolling 3.21.12-13 amd64 [upgradable from: 3.21.12-11]
python3-pycompiler/kali-rolling 2.23-1 all [upgradable from: 2.22-2]
python3-pyexploitdb/kali-rolling 0.2.97-0kali1 all [upgradable from: 0.2.95-0kali1]
python3-pygame/kali-rolling 2.6.1-2 amd64 [upgradable from: 2.6.1-1+b2]
python3-pymssql/kali-rolling 2.3.7-1 amd64 [upgradable from: 2.3.2-1+b1]
python3-redis/kali-rolling 6.4.0-1 all [upgradable from: 6.1.0-2]
python3-requests/kali-rolling 2.32.5+dfsg-1 all [upgradable from: 2.32.4+dfsg-1]
python3-rq/kali-rolling 2.6-1 all [upgradable from: 2.3.3-2]
python3-samba/kali-rolling 2:4.23.0+dfsg-3 amd64 [upgradable from: 2:4.22.4+dfsg-1]
python3-scipy/kali-rolling 1.15.3-1.1 amd64 [upgradable from: 1.15.3-1]
python3-talloc/kali-rolling 2:2.4.3+samba4.23.0+dfsg-3 amd64 [upgradable from: 2:2.4.3+samba4.22.4+dfsg-1]