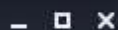




root@kali: ~



File Actions Edit View Help

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

```
$ sudo -i
```

```
[sudo] password for kali:
```

```
(Message from Kali developers)
```

We have kept /usr/bin/python pointing to Python 2 for backwards compatibility. Learn how to change this and avoid this message:  
⇒ <https://www.kali.org/docs/general-use/python3-transition/>

```
(Run "touch ~/.hushlogin" to hide this message)
```

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

```
# ps -e | grep systemd
```

1	?	00:00:06	systemd
281	?	00:00:02	systemd-journal
303	?	00:00:01	systemd-udev
454	?	00:00:02	systemd-logind
3589	?	00:00:00	systemd

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

```
#
```



4.3 GB  
Volume

6.4 GB  
Volume

root@kali: ~

File	Actions	Edit	View	Help
kali	4926	3589	0 02:37 ?	00:00:00 /usr/libexec/gvfs-mtp-volume-monitor
kali	4940	3589	0 02:37 ?	00:00:00 /usr/libexec/gvfs-afc-volume-monitor
kali	4948	3589	0 02:37 ?	00:00:00 /usr/libexec/gvfs-gphoto2-volume-monitor
kali	4975	3589	0 02:37 ?	00:00:00 /usr/libexec/gvfs-goa-volume-monitor
kali	5013	4025	0 02:37 ?	00:00:00 /usr/libexec/gvfsd-trash --spawner :1.11 /o
kali	5078	3589	0 02:37 ?	00:00:00 /usr/libexec/gvfsd-metadata
kali	5189	1	0 02:37 ?	00:00:00 /usr/bin/python3 /usr/bin/blueman-tray
kali	5192	3589	0 02:37 ?	00:00:00 /usr/libexec/bluetooth/obexd
kali	6188	1	1 02:38 ?	00:00:05 /usr/bin/qterminal
kali	6554	6188	0 02:38 pts/0	00:00:00 /usr/bin/zsh
root	7530	6554	0 02:38 pts/0	00:00:00 sudo -i
root	7829	7530	0 02:38 pts/0	00:00:02 -zsh
kali	12470	4025	0 02:39 ?	00:00:00 /usr/libexec/gvfsd-network --spawner :1.11
kali	12575	4025	0 02:39 ?	00:00:00 /usr/libexec/gvfsd-dnssd --spawner :1.11 /o
root	21293	7829	0 02:44 pts/0	00:00:00 ps -ef

```
(root@kali)~# ps -e | grep zsh
6554 pts/0 00:00:00 zsh
7829 pts/0 00:00:03 zsh
```

```
(root@kali)~# ps -e | grep pts/0
6554 pts/0 00:00:00 zsh
7530 pts/0 00:00:00 sudo
7829 pts/0 00:00:03 zsh
21557 pts/0 00:00:00 ps
21558 pts/0 00:00:00 grep
```

```
(root@kali)~#
```

root@kali: ~

File Actions Edit View Help

kali	6188	1	1	02:38	?	00:00:05	/usr/bin/qterminal
kali	6554	6188	0	02:38	pts/0	00:00:00	/usr/bin/zsh
root	7530	6554	0	02:38	pts/0	00:00:00	sudo -i
root	7829	7530	0	02:38	pts/0	00:00:02	-zsh
kali	12470	4025	0	02:39	?	00:00:00	/usr/libexec/gvfsd-network --spawner :1.11
kali	12575	4025	0	02:39	?	00:00:00	/usr/libexec/gvfsd-dnssd --spawner :1.11 /o
root	21293	7829	0	02:44	pts/0	00:00:00	ps -ef

(root@kali)~

# ps -e | grep zsh

6554 pts/0 00:00:00 zsh

7829 pts/0 00:00:03 zsh

(root@kali)~

# ps -e | grep pts/0

6554 pts/0 00:00:00 zsh

7530 pts/0 00:00:00 sudo

7829 pts/0 00:00:03 zsh

21557 pts/0 00:00:00 ps

21558 pts/0 00:00:00 grep

(root@kali)~

# ps -f | grep zsh

root 7829 7530 0 02:38 pts/0 00:00:04 -zsh

root 21591 7829 0 02:53 pts/0 00:00:00 grep --color=auto zsh

(root@kali)~

# # parent pid of my shell is 7829

(root@kali)~

#



File	Actions	Edit	View	Help
kali	5192	3589	0 02:37 ?	00:00:00 /usr/libexec/bluetooth/obexd
kali	6188	1	1 02:38 ?	00:00:18 /usr/bin/qterminal
kali	6554	6188	0 02:38 pts/0	00:00:00 /usr/bin/zsh
root	7530	6554	0 02:38 pts/0	00:00:00 sudo -i
root	7829	7530	0 02:38 pts/0	00:00:11 -zsh
kali	12470	4025	0 02:39 ?	00:00:00 /usr/libexec/gvfsd-network --spawner :1.11
kali	12575	4025	0 02:39 ?	00:00:00 /usr/libexec/gvfsd-dnssd --spawner :1.11 /o
root	21299	2	0 02:45 ?	00:00:00 [kworker/u4:1-ext4-rsv-conversion]
root	21626	2	0 02:58 ?	00:00:00 [kworker/u4:2-ext4-rsv-conversion]
root	21630	2	0 02:58 ?	00:00:00 [kworker/0:2-mm_percpu_wq]
root	21649	2	0 03:00 ?	00:00:00 [kworker/1:1-ata_sff]
root	21667	7829	0 03:04 pts/0	00:00:00 sleep 123
root	21673	7829	0 03:04 pts/0	00:00:00 sleep 123
root	21679	7829	0 03:04 pts/0	00:00:00 sleep 123
root	21691	2	0 03:05 ?	00:00:00 [kworker/1:0-ata_sff]
root	21693	7829	0 03:05 pts/0	00:00:00 ps -ef

```
(root@kali)~#  
[1] done sleep 123  
(root@kali)~#  
[2] - done sleep 123  
(root@kali)~#  
[3] + done sleep 123  
(root@kali)~#
```

root@kali: ~

File Actions Edit View Help

```
root      21630      2  0  02:58 ?        00:00:00 [kworker/0:2-events]
root      21649      2  0  03:00 ?        00:00:00 [kworker/1:1-ata_sff]
root      21660     7829  0  03:03 pts/0    00:00:00 ps -ef
```

```
(root@kali)~# sleep 123 &
[1] 21667
```

```
(root@kali)~# sleep 123 &
[2] 21673
```

```
(root@kali)~# sleep 123 &
[3] 21679
```

```
(root@kali)~# ps -e | grep 21667
21667 pts/0    00:00:00 sleep
```

```
(root@kali)~# ps -ef
```

UID	PID	PPID	C	STIME	TTY	TIME	CMD
root	1	0	0	02:36	?	00:00:06	/sbin/init splash
root	2	0	0	02:36	?	00:00:00	[kthreadd]
root	3	2	0	02:36	?	00:00:00	[rcu_gp]
root	4	2	0	02:36	?	00:00:00	[rcu_par_gp]
root	6	2	0	02:36	?	00:00:00	[kworker/0:0H-kblockd]
root	7	2	0	02:36	?	00:00:02	[kworker/0:1-events]
root	8	2	0	02:36	?	00:00:00	[kworker/u4:0-events_unbound]
root	9	2	0	02:36	?	00:00:00	[mm_percpu_wq]

File Actions Edit View Help

zsh: suspended (signal) top -b |

zsh: suspended

grep --color=auto sleep

148 x 1

2

3

4

4

```
(root@kali)~# sleep 123 &
[2] 21830
```

```
(root@kali)~# sleep 123 &
[3] 21836
```

```
(root@kali)~# sleep 123 &
[4] 21842
```

```
(root@kali)~# # we started the process,lets see in real time in top command
```

```
(root@kali)~# top -b | grep sleep
```

```
Tasks: 154 total,  2 running, 150 sleeping,  2 stopped,  0 zombie
 21830 root    25   5   5300   508   444 S   0.0   0.0   0:00.00 sleep
 21836 root    25   5   5300   568   504 S   0.0   0.0   0:00.00 sleep
 21842 root    25   5   5300   560   496 S   0.0   0.0   0:00.00 sleep
Tasks: 154 total,  1 running, 151 sleeping,  2 stopped,  0 zombie
 21830 root    25   5   5300   508   444 S   0.0   0.0   0:00.00 sleep
 21836 root    25   5   5300   568   504 S   0.0   0.0   0:00.00 sleep
 21842 root    25   5   5300   560   496 S   0.0   0.0   0:00.00 sleep
Tasks: 154 total,  1 running, 151 sleeping,  2 stopped,  0 zombie
 21830 root    25   5   5300   508   444 S   0.0   0.0   0:00.00 sleep
```



root@kali: ~

File Actions Edit View Help

```
(root@kali)-[~]
# top -b | grep sleep
Tasks: 154 total,  2 running, 150 sleeping,  2 stopped,  0 zombie
 21830 root      25   5   5300   508   444 S   0.0   0.0   0:00.00 sleep
 21836 root      25   5   5300   568   504 S   0.0   0.0   0:00.00 sleep
 21842 root      25   5   5300   560   496 S   0.0   0.0   0:00.00 sleep
Tasks: 154 total,  1 running, 151 sleeping,  2 stopped,  0 zombie
 21830 root      25   5   5300   508   444 S   0.0   0.0   0:00.00 sleep
 21836 root      25   5   5300   568   504 S   0.0   0.0   0:00.00 sleep
 21842 root      25   5   5300   560   496 S   0.0   0.0   0:00.00 sleep
Tasks: 154 total,  1 running, 151 sleeping,  2 stopped,  0 zombie
 21830 root      25   5   5300   508   444 S   0.0   0.0   0:00.00 sleep
 21836 root      25   5   5300   568   504 S   0.0   0.0   0:00.00 sleep
 21842 root      25   5   5300   560   496 S   0.0   0.0   0:00.00 sleep
^Z
zsh: suspended (signal) top -b |
zsh: suspended grep --color=auto sleep
```

```
(root@kali)-[~]
# sleep 123 148 x 5
[2] done sleep 123
(root@kali)-[~]
# sleep 123 148 x 4
[3] done sleep 123
(root@kali)-[~]
# sleep 123 148 x 3
[4] done sleep 123
(root@kali)-[~]
# 148 x 2
```