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nixKali - VMware Workstation

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- Kali2

Home

File System

Trash

file3.txt

song\_2.mp3

Session Actions Edit View Help

```
(kali@kali)-[~]
$ ls /
bin  etc      initrd.img.old  lib64  mnt  root  srv  tmp  vmlinuz
boot home    lib             lost+found  opt  run  swap usr  vmlinuz.old
dev  initrd.img  lib32          media   proc  sbin  sys  var

(kali@kali)-[~]
$ sudo mkdir -p /srv/files/public /srv/files/private /srv/files/backup
[sudo] password for kali:
Sorry, try again.
[sudo] password for kali:

(kali@kali)-[~]
$ sudo touch /srv/files/public/public.txt

(kali@kali)-[~]
$ sudo touch /srv/files/private/private.txt

(kali@kali)-[~]
$ sudo touch /srv/files/backup/backup.txt

(kali@kali)-[~]
$ tree /srv/files
/srv/files
├── backup
│   └── backup.txt
├── private
│   └── private.txt
└── public
    └── public.txt

4 directories, 3 files

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

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```
root@kali: /home/kali
Session Actions Edit View Help
systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: disabled)
   Active: active (running) since Tue 2025-12-16 02:06:14 EST; 1min 38s ago
   Invocation: 4beb3b2e3f194047a1ecbb211681a164
     Docs: man:sshd(8)
           man:sshd_config(5)
   Main PID: 26983 (sshd)
     Tasks: 1 (limit: 6803)
    Memory: 1.5M (peak: 2.3M)
       CPU: 32ms
   CGroup: /system.slice/ssh.service
           └─26983 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

Dec 16 02:06:14 kali systemd[1]: Starting ssh.service - OpenBSD Secure Shell serv>
Dec 16 02:06:14 kali sshd[26983]: Server listening on 0.0.0.0 port 22.
Dec 16 02:06:14 kali sshd[26983]: Server listening on :: port 22.
Dec 16 02:06:14 kali systemd[1]: Started ssh.service - OpenBSD Secure Shell serve>

(root@kali) - [/home/kali]
ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default
   qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host noprefixroute
        valid_lft forever preferred_lft forever
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group
   default qlen 1000
    link/ether 00:0c:29:6a:56:e9 brd ff:ff:ff:ff:ff:ff
    inet 192.168.80.128/24 brd 192.168.80.255 scope global dynamic noprefixroute e
    th0
        valid_lft 1491sec preferred_lft 1491sec
    inet6 fe80::28f1:ad79:cdd4:f4c0/64 scope link noprefixroute
        valid_lft forever preferred_lft forever

(root@kali) - [/home/kali]
```

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```
login as: kali
kali@192.168.80.128's password:
Linux kali 6.16.8+kali-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.16.8-1kali1 (20
24) x86_64
```

The programs included with the Kali GNU/Linux system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/\*/copyright.

Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.

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

```
[~]$
```







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root@kali: /home/kali

Session Actions Edit View Help

Invocation: 4beb3b2e3f194047a1ecbb211681a164

Docs: man:sshd(8)

man:sshd\_config(5)

Main PID: 26983 (sshd)

Tasks: 1 (limit: 6803)

Memory: 3.7M (peak: 22M)

CPU: 144ms

CGroup: /system.slice/ssh.service

└─26983 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

Dec 16 02:06:14 kali systemd[1]: Starting ssh.service - OpenBSD Secure Shell serv>

Dec 16 02:06:14 kali sshd[26983]: Server listening on 0.0.0.0 port 22.

Dec 16 02:06:14 kali sshd[26983]: Server listening on :: port 22.

Dec 16 02:06:14 kali systemd[1]: Started ssh.service - OpenBSD Secure Shell serve>

Dec 16 02:11:44 kali sshd-session[30110]: Accepted password for kali from 192.168>

Dec 16 02:11:44 kali sshd-session[30110]: pam\_unix(sshd:session): session opened >

(root@kali)~# systemctl stop sshd

(root@kali)~# systemctl start ssh

(root@kali)~# systemctl restart ssh

(root@kali)~# systemctl enable ssh

Synchronizing state of ssh.service with SysV service script with /usr/lib/systemd/>

systemd-sysv-install.

Executing: /usr/lib/systemd/systemd-sysv-install enable ssh

(root@kali)~# systemctl status ssh

● ssh.service - OpenBSD Secure Shell server

Loaded: loaded (/usr/lib/systemd/system/ssh.service; **enabled**; preset: **disabl>**

Active: **active (running)** since Tue 2025-12-16 02:21:20 EST; 1min 50s ago

Invocation: fbe2f97ab56449f5ac2948906ce07f0b

Docs: man:sshd(8)

man:sshd\_config(5)

Main PID: 35302 (sshd)

Tasks: 1 (limit: 6803)

Memory: 1.5M (peak: 2M)

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root@kali: ~

Session Actions Edit View Help

```
(root@kali)-[~]
# useradd sasuke

(root@kali)-[~]
# useradd elden

(root@kali)-[~]
# passwd sasuke
New password:
Retype new password:
passwd: password updated successfully

(root@kali)-[~]
# passwd elden
New password:
Retype new password:
passwd: password updated successfully

(root@kali)-[~]
# mkdir /shared

(root@kali)-[~]
# chown sasuke:sasuke /shared

(root@kali)-[~]
# chmod 750 /shared

(root@kali)-[~]
# su elden
$ cd /shared
sh: 1: cd: can't cd to /shared
$
```

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root@kali: ~

Session Actions Edit View Help

```
tcpdump 103
sshd 989
_rpc 104
dnsmasq 999
avahi 105
nm-openvpn 106
speech-dispatcher 107
usbmux 108
nm-openconnect 109
pulse 110
pipewire 988
lightdm 111
statd 112
saned 113
polkitd 987
rtkit 114
colord 115
mysql 116
stunnel4 986
geoclue 117
Debian-snmpp 118
sshd 119
cups-pk-helper 120
redsocks 121
_gophish 122
iodine 123
miredo 124
redis 125
postgres 126
mosquitto 127
inetsim 128
_gvm 129
pcscd 984
```

```
(root@kali) ~# whoami
root
(root@kali) ~# cat userinfo.txt
elden:x:1002:1002::/home/elden:/bin/sh
```

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