

```
saaurabh@LenovoLegion5: ~  
ssh is not running ... failed!  
  
(saaurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]  
$ sudo service ssh start  
Starting OpenBSD Secure Shell server: sshd.  
  
(saaurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]  
$ /etc/init.d/ssh status  
sshd is running.  
  
(saaurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]  
$ ifconfig  
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500  
    inet 192.168.197.67 netmask 255.255.240.0 broadcast 192.168.  
207.255  
    inet6 fe80::215:5dff:fed0:b5d prefixlen 64 scopeid 0x20<link  
>  
    ether 00:15:5d:d0:0b:5d txqueuelen 1000 (Ethernet)  
    RX packets 2265 bytes 2362554 (2.2 MiB)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 308 bytes 23755 (23.1 KiB)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536  
    inet 127.0.0.1 netmask 255.0.0.0  
    inet6 ::1 prefixlen 128 scopeid 0x10<host>  
    loop txqueuelen 1000 (Local Loopback)  
    RX packets 0 bytes 0 (0.0 B)  
    RX errors 0 dropped 0 overruns 0 frame 0  
    TX packets 0 bytes 0 (0.0 B)  
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0  
  
(saaurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]  
$
```

```
boss@LenovoLegion5: ~  
saaurabh@LenovoLegion5:~$ ssh boss@192.168.197.67  
The authenticity of host '192.168.197.67 (192.168.197.67)' can't be establis  
hed.  
ECDSA key fingerprint is SHA256:lhW5HSSw02nQSQM+Q5yKl8ZVcdzquNGVlPla0mc4i4E.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '192.168.197.67' (ECDSA) to the list of known hos  
ts.  
boss@192.168.197.67's password:  
Linux LenovoLegion5 5.10.16.3-microsoft-standard-WSL2 #1 SMP Fri Apr 2 22:23  
:49 UTC 2021 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.  
(Message from Kali developers)  
This is a minimal installation of Kali Linux, you likely  
want to install supplementary tools. Learn how:  
→ https://www.kali.org/docs/troubleshooting/common-minimum-setup/  
(Run: "touch ~/.hushlogin" to hide this message)  
(boss@LenovoLegion5)-[~]  
$ hostname  
LenovoLegion5  
  
(boss@LenovoLegion5)-[~]  
$
```

```
saurabh@LenovoLegion5: x + v
sshd is not running ... failed!

(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
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Starting OpenBSD Secure Shell server: sshd.

(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
$ /etc/init.d/ssh status
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(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
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    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 0 bytes 0 (0.0 B)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 0 bytes 0 (0.0 B)
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(saurabh@LenovoLegion5)-[~/LinuxPractice/FilePermissionDemo]
$
```

```
saurabh@LenovoLegion5: x + v
want to install supplementary tools. Learn how:
=> https://www.kali.org/docs/troubleshooting/common-minimum-setup/
(Run: "touch ~/.hushlogin" to hide this message)
(boss@LenovoLegion5)-[~]
$ hostname
LenovoLegion5

(boss@LenovoLegion5)-[~]
$ ls

(boss@LenovoLegion5)-[~]
$ ls

(boss@LenovoLegion5)-[~]
$ cd ..

(boss@LenovoLegion5)-[/home]
$ s
-bash: s: command not found

(boss@LenovoLegion5)-[/home]
$ ls
boss saurabh

(boss@LenovoLegion5)-[/home]
$ cd boss

(boss@LenovoLegion5)-[~]
$ touch bossfilecreatedbyubuntu.txt

(boss@LenovoLegion5)-[~]
$ ls
bossfilecreatedbyubuntu.txt

(boss@LenovoLegion5)-[~]
$ logout
Connection to 192.168.197.67 closed.
saurabh@LenovoLegion5:~$
```

```
boss@LenovoLegion5: ~  
(saurabh@LenovoLegion5)-[~]  
$ cd ..  
(saurabh@LenovoLegion5)-[/home]  
$ cd boss  
bash: cd: boss: Permission denied  
(saurabh@LenovoLegion5)-[/home]  
$ su boss  
Password:  
(boss@LenovoLegion5)-[/home]  
$ cd boss  
(boss@LenovoLegion5)-[~]  
$ ls  
bossfilecreatedbyubuntu.txt  
(boss@LenovoLegion5)-[~]  
$ echo hehehehehhh | tee bossfilecreatedbyubuntu.txt  
hehehehehhh  
(boss@LenovoLegion5)-[~]  
$ cat bossfilecreatedbyubuntu.txt  
hehehehehhh  
hahahahah  
(boss@LenovoLegion5)-[~]  
$
```

```
boss@LenovoLegion5: ~  
saurabh@LenovoLegion5:~$ ssh boss@192.168.197.67  
boss@192.168.197.67's password:  
Linux LenovoLegion5 5.10.16.3-microsoft-standard-WSL2 #1 SMP Fri  
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individual files in /usr/share/doc/*/copyright.  
  
Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent  
permitted by applicable law.  
Last login: Fri Apr 14 10:20:23 2023 from 192.168.197.67  
(Message from Kali developers)  
| This is a minimal installation of Kali Linux, you likely  
| want to install supplementary tools. Learn how:  
| -> https://www.kali.org/docs/troubleshooting/common-minimum-setu  
| p/  
| (Run: "touch ~/.hushlogin" to hide this message)  
(boss@LenovoLegion5)-[~]  
$ cat bossfilecreatedbyubuntu.txt  
hehehehehhh  
(boss@LenovoLegion5)-[~]  
$ echo hahahahah >> bossfilecreatedbyubuntu.txt  
(boss@LenovoLegion5)-[~]  
$
```


(root@LenovoLegion5)-[/home/saurabh]

ping www.google.com

PING www.google.com (172.217.174.68) 56(84) bytes of data.

64 bytes from bom07s25-in-f4.1e100.net (172.217.174.68): icmp_seq=1 ttl=59 time=20.3 ms

64 bytes from bom07s25-in-f4.1e100.net (172.217.174.68): icmp_seq=2 ttl=59 time=21.1 ms

64 bytes from bom07s25-in-f4.1e100.net (172.217.174.68): icmp_seq=3 ttl=59 time=19.9 ms

64 bytes from bom07s25-in-f4.1e100.net (172.217.174.68): icmp_seq=4 ttl=59 time=19.3 ms

64 bytes from bom07s25-in-f4.1e100.net (172.217.174.68): icmp_seq=5 ttl=59 time=22.2 ms

64 bytes from bom07s25-in-f4.1e100.net (172.217.174.68): icmp_seq=6 ttl=59 time=19.8 ms

^C

--- www.google.com ping statistics ---

6 packets transmitted, 6 received, 0% packet loss, time 5008ms

rtt min/avg/max/mdev = 19.298/20.446/22.172/0.949 ms

(root@LenovoLegion5)-[/home/saurabh]

ping -c 3 google.com

PING google.com (142.250.183.46) 56(84) bytes of data.

64 bytes from bom12s11-in-f14.1e100.net (142.250.183.46): icmp_seq=1 ttl=118 time=22.1 ms

64 bytes from bom12s11-in-f14.1e100.net (142.250.183.46): icmp_seq=2 ttl=118 time=22.2 ms

64 bytes from bom12s11-in-f14.1e100.net (142.250.183.46): icmp_seq=3 ttl=118 time=23.4 ms

--- google.com ping statistics ---

3 packets transmitted, 3 received, 0% packet loss, time 2005ms

rtt min/avg/max/mdev = 22.057/22.563/23.385/0.586 ms

(root@LenovoLegion5)-[/home/saurabh]

#

(saaurabh@LenovoLegion5)-[~]

\$ netstat -l

Active Internet connections (only servers)

Proto	Recv-Q	Send-Q	Local Address	Foreign Address	State
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Active UNIX domain sockets (only servers)

Proto	RefCnt	Flags	Type	State	I-Node	Path
unix	2	[ACC]	SEQPACKET	LISTENING	19662	/run/WSL/1_interop
unix	2	[ACC]	SEQPACKET	LISTENING	17	/run/WSL/8_interop

(saaurabh@LenovoLegion5)-[~]

\$ netstat -r

Kernel IP routing table

Destination	Gateway	Genmask	Flags	MSS	Window	irtt	Iface
default	LenovoLegion5.m	0.0.0.0	UG	0	0	0	eth0
192.168.192.0	0.0.0.0	255.255.240.0	U	0	0	0	eth0

(saaurabh@LenovoLegion5)-[~]

\$ |