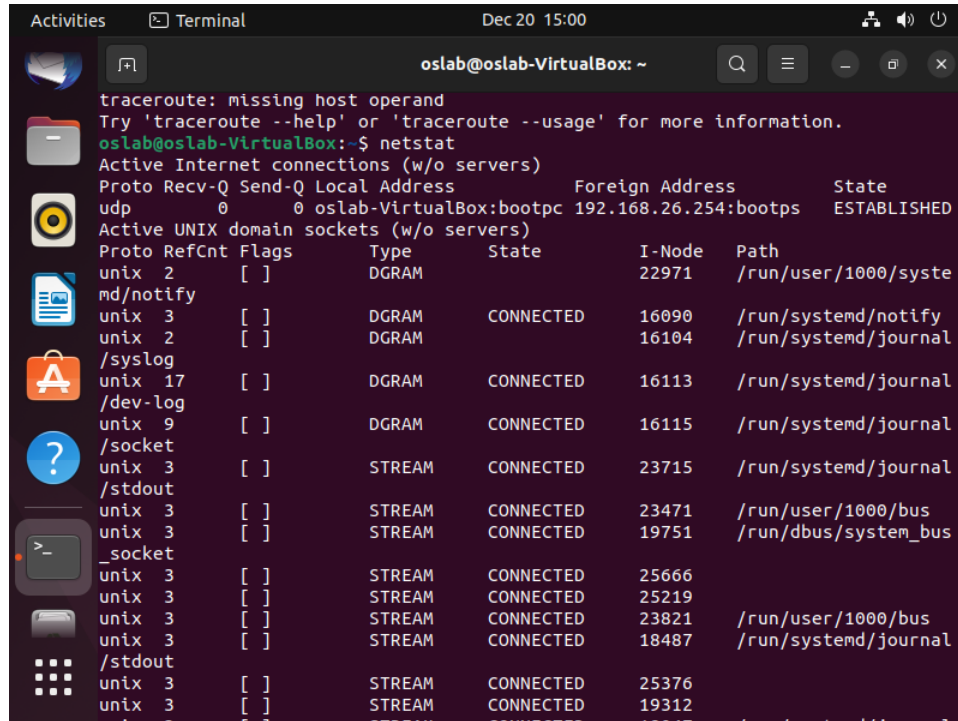


Computer Networks

21BCE1796 – B SHAKTHI



```
oslab@oslab-VirtualBox: ~  
tracert: missing host operand  
Try 'tracert --help' or 'tracert --usage' for more information.  
oslab@oslab-VirtualBox:~$ netstat  
Active Internet connections (w/o servers)  
Proto Recv-Q Send-Q Local Address           Foreign Address         State  
udp        0      0 oslab-VirtualBox:bootpc 192.168.26.254:bootps   ESTABLISHED  
Active UNIX domain sockets (w/o servers)  
Proto RefCnt Flags     Type       State         I-Node  Path  
unix    2      [ ]       DGRAM      22971        /run/user/1000/systemd/notify  
unix    3      [ ]       DGRAM      16090        /run/systemd/notify  
unix    2      [ ]       DGRAM      16104        /run/systemd/journal  
/syslog  
unix   17      [ ]       DGRAM      16113        /run/systemd/journal  
/dev-log  
unix    9      [ ]       DGRAM      16115        /run/systemd/journal  
/socket  
unix    3      [ ]       STREAM     23715        /run/systemd/journal  
/stdout  
unix    3      [ ]       STREAM     23471        /run/user/1000/bus  
unix    3      [ ]       STREAM     19751        /run/dbus/system_bus_socket  
unix    3      [ ]       STREAM     25666        /run/user/1000/bus  
unix    3      [ ]       STREAM     25219        /run/user/1000/bus  
unix    3      [ ]       STREAM     23821        /run/user/1000/bus  
unix    3      [ ]       STREAM     18487        /run/systemd/journal  
/stdout  
unix    3      [ ]       STREAM     25376        /run/user/1000/bus  
unix    3      [ ]       STREAM     19312        /run/user/1000/bus  
unix    3      [ ]       STREAM     18487        /run/systemd/journal
```

```
Activities Terminal Dec 20 15:00
oslab@oslab-VirtualBox: ~
ibus/dbus-UD7V5StY
unix 3 [ ] STREAM CONNECTED 24827 /run/systemd/journal
/stdout
unix 3 [ ] STREAM CONNECTED 24434 /run/systemd/journal
/stdout
unix 3 [ ] STREAM CONNECTED 20792 /run/systemd/journal
unix 3 [ ] STREAM CONNECTED 19137 /run/systemd/journal
/stdout
unix 3 [ ] STREAM CONNECTED 25519 /run/user/1000/bus
unix 3 [ ] STREAM CONNECTED 19334 /run/systemd/journal
/stdout
unix 3 [ ] DGRAM CONNECTED 18195 /run/user/1000/at-sp
unix 3 [ ] STREAM CONNECTED 45599 /run/user/1000/at-sp
i/bus
unix 3 [ ] STREAM CONNECTED 25702
unix 3 [ ] STREAM CONNECTED 23748
unix 3 [ ] STREAM CONNECTED 19099
unix 3 [ ] STREAM CONNECTED 47409
unix 3 [ ] STREAM CONNECTED 23980
unix 3 [ ] STREAM CONNECTED 23419 /run/systemd/journal
/stdout
unix 3 [ ] STREAM CONNECTED 19180
oslab@oslab-VirtualBox:~$ netstat -r
Kernel IP routing table
Destination Gateway Genmask Flags MSS Window irtt Iface
default _gateway 0.0.0.0 UG 0 0 0 ens33
link-local 0.0.0.0 255.255.0.0 U 0 0 0 ens33
192.168.26.0 0.0.0.0 255.255.255.0 U 0 0 0 ens33
oslab@oslab-VirtualBox:~$
```

```
oslab@oslab-VirtualBox:~$ nslookup www.vit.ac.in
Server: 127.0.0.53
Address: 127.0.0.53#53

Non-authoritative answer:
Name: www.vit.ac.in
Address: 136.233.9.13

oslab@oslab-VirtualBox:~$ host www.google.com
www.google.com has address 142.250.195.228
www.google.com has IPv6 address 2404:6800:4007:828::2004
oslab@oslab-VirtualBox:~$
```

```
199 ifconfig
200 ifconfig eth0
201 ifconfig
202* 0
203 uname
204 uname -a
205 ifconfig
206 unam
207 ifcofig
208 ifconfig
209 uname
210 uname -r
211 uname -a
212 ping www.vit.c.in
213 ping www.vit.ac.in
214 ifconfig
215 uname
216 uname -r
217 uname -a
218 ping www.vit.ac.in
219 traceroute
220 netstat
221 netstat -a
222 netstat -r
223 nslookup www.vit.ac.in
224 host www.google.com
225 history
oslab@oslab-VirtualBox:~$
```

```
oslab@oslab-VirtualBox:~$ ls
Desktop  Downloads  Music  number  Public  Templates  Videos
Documents  hi         no     Pictures snap    user2      vit

oslab@oslab-VirtualBox:~$ cd ..
oslab@oslab-VirtualBox:/home$ cd Desktop
bash: cd: Desktop: No such file or directory
oslab@oslab-VirtualBox:/home$ cd
oslab@oslab-VirtualBox:~$ pwd
/home/oslab
oslab@oslab-VirtualBox:~$ cd desktop
bash: cd: desktop: No such file or directory
oslab@oslab-VirtualBox:~$ pwd
/home/oslab
oslab@oslab-VirtualBox:~$ cd ..
oslab@oslab-VirtualBox:/home$ cd ..
oslab@oslab-VirtualBox:/$ cd
oslab@oslab-VirtualBox:/$ cd Desktop
oslab@oslab-VirtualBox:~/Desktop$
```

