Name: Preyash Date: 20-01-2022

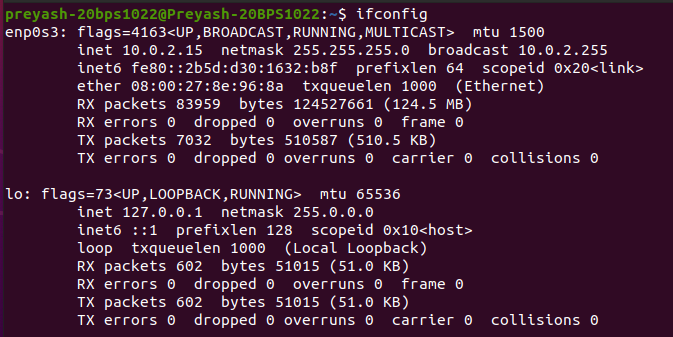
Registration Number: 20BPS1022

**LAB-03**

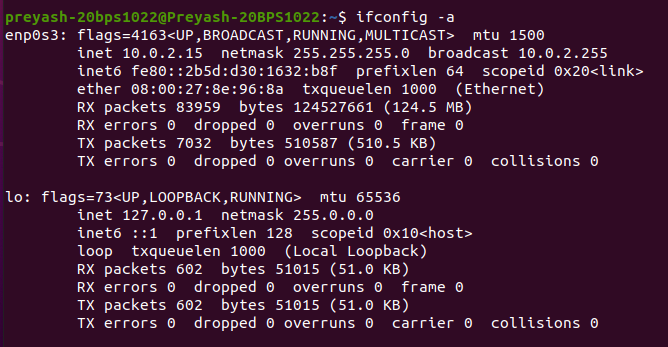
**Networking Commands**

**IFCONFIG COMMANDS:**

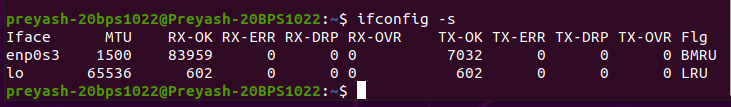
ifconfig



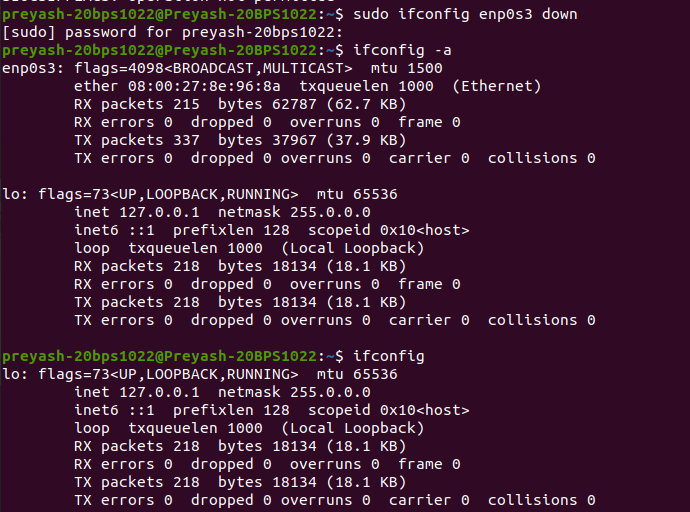
ifconfig -a



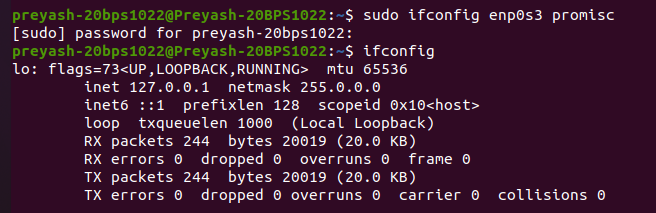
ifconfig -s



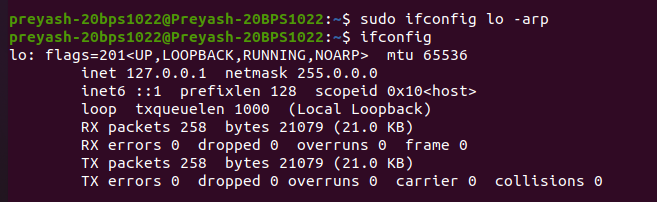
ifconfig [interface-name] down



ifconfig [interface-name] promisc

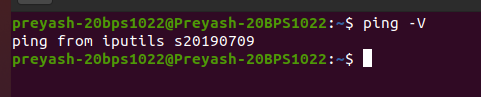


ifconfig [interface-name] -promisc

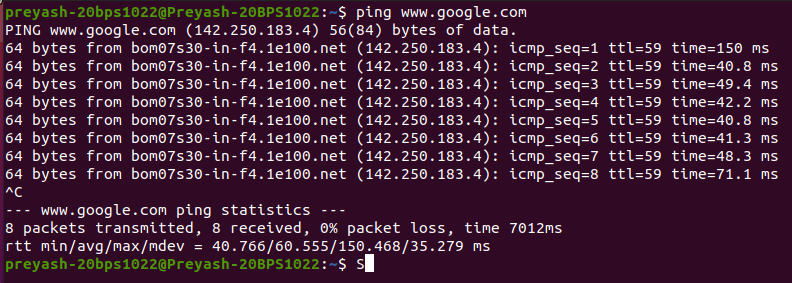
****

**PING COMMANDS:**

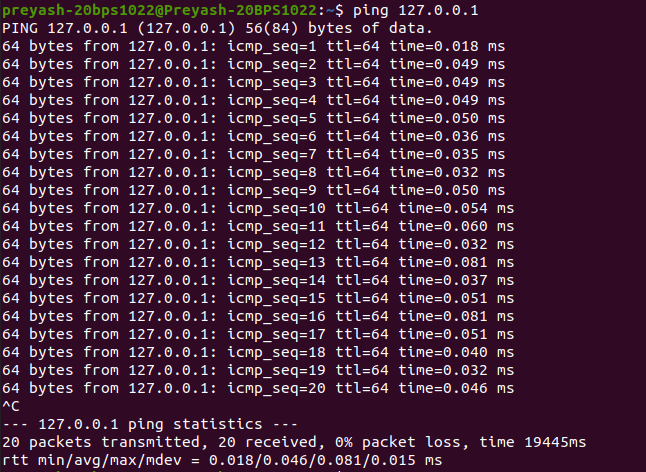
ping -V



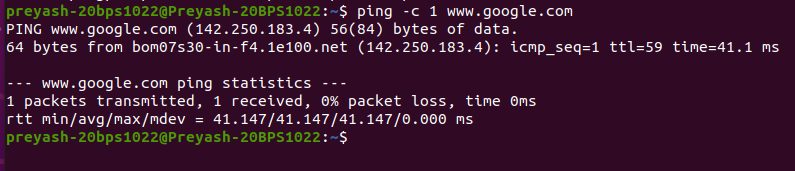
ping [Domain Name]



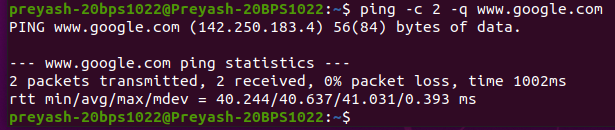
ping [ipaddress]



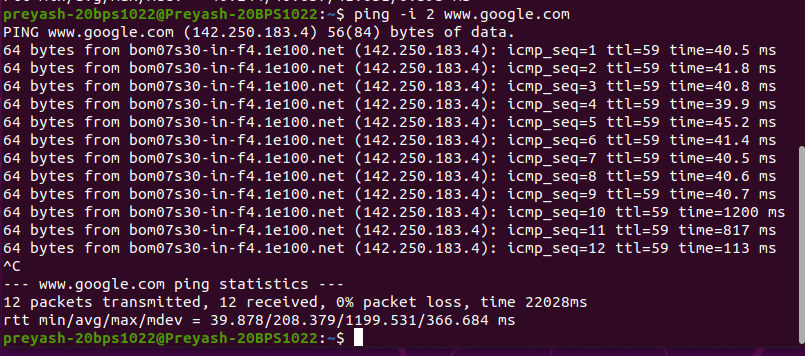
ping -c number [Domain name]



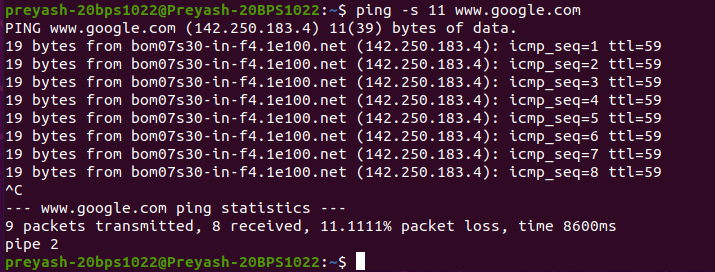
ping -c number -q [Domain name]

****

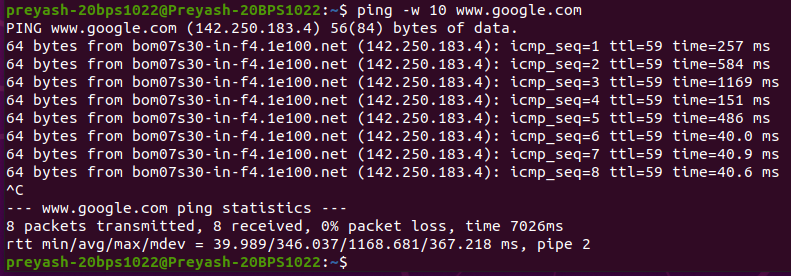
ping -i time [Domain name]

****

ping -s size(bytes) [Domain Name]

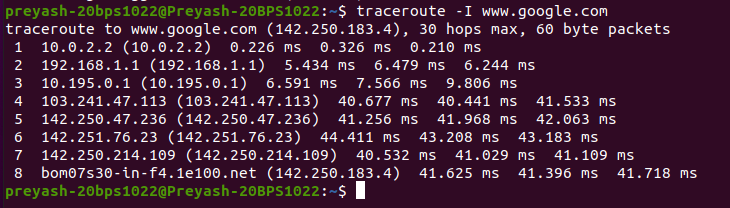
****

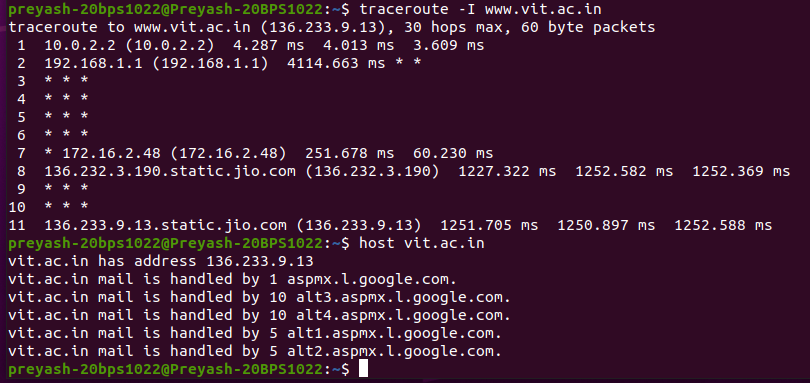
. ping -w number [Domain name]

****

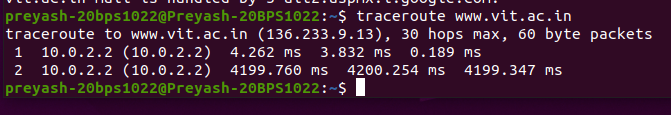
**TRACEROUTE COMMANDS:**

traceroute -I [Domain name]

****

****

traceroute [Domain name]

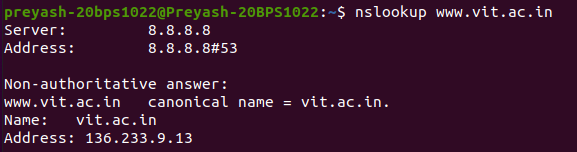
****

**HOSTNAME COMMANDS:**



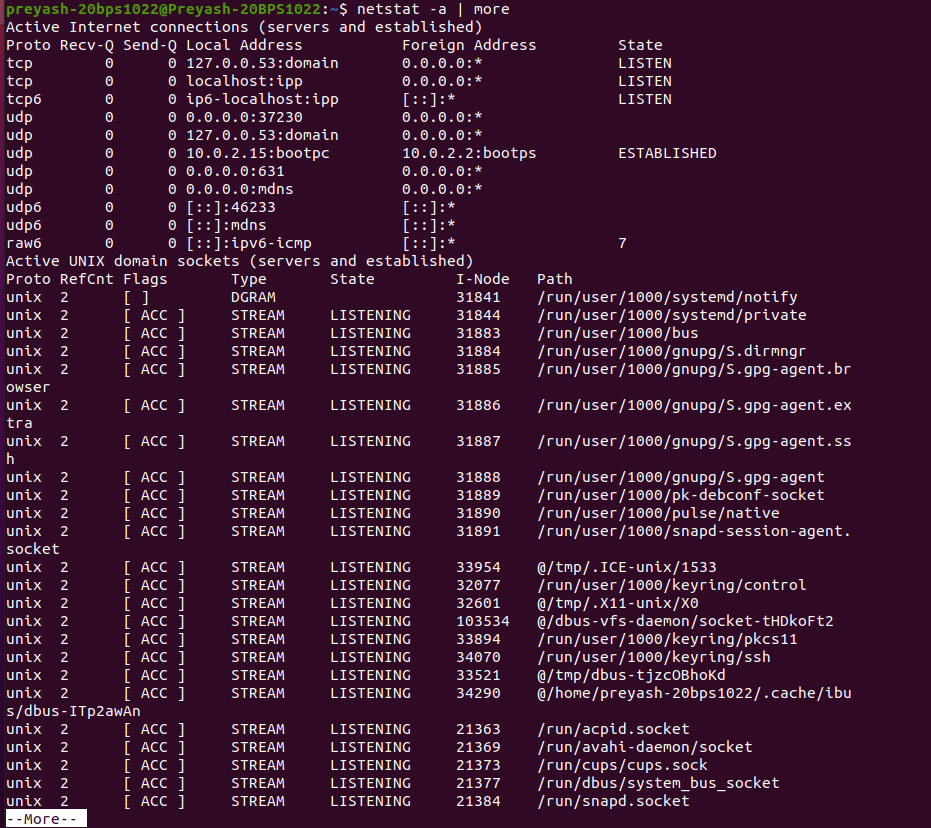
**NSLOOKUP COMMANDS:**

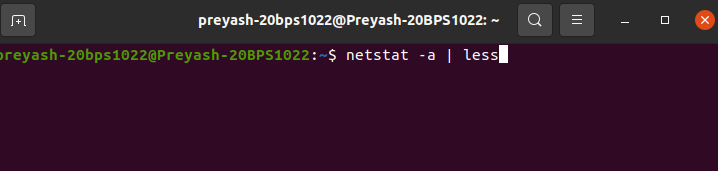
nslookup [Domain name]

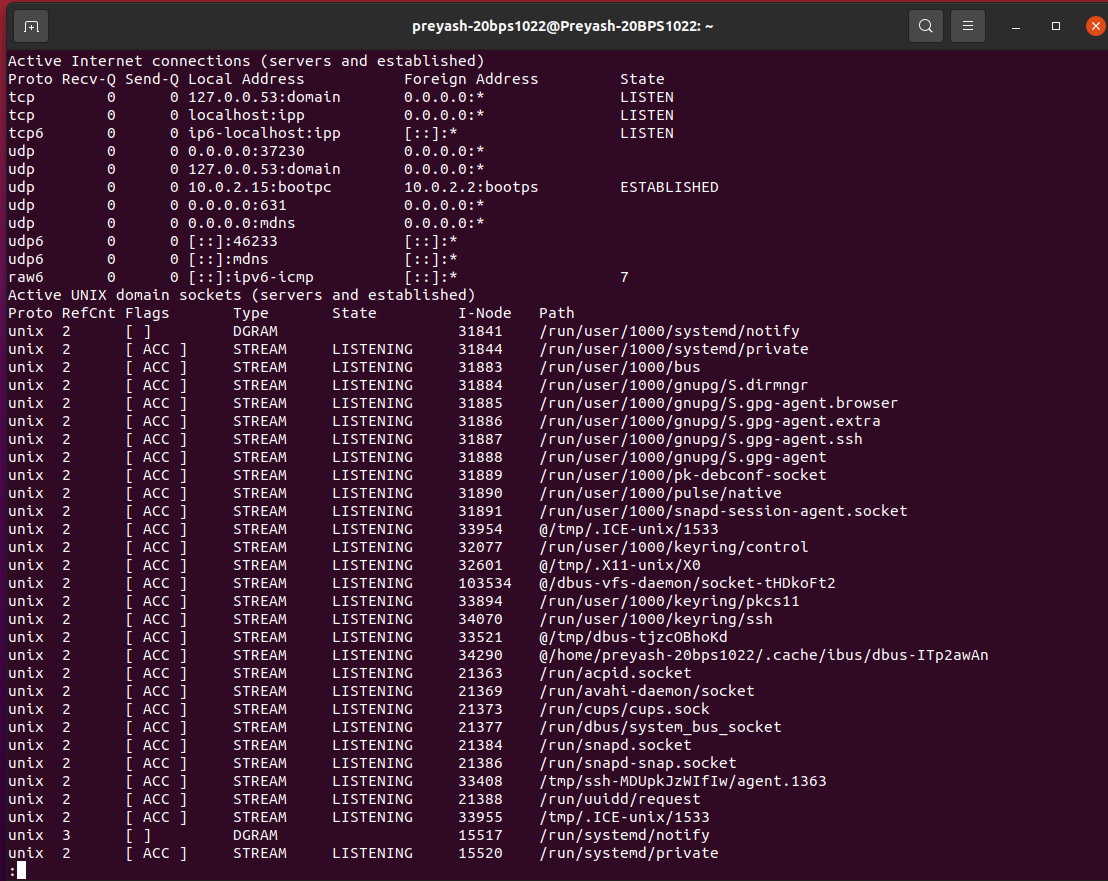


**NETSTAT COMMANDS:**

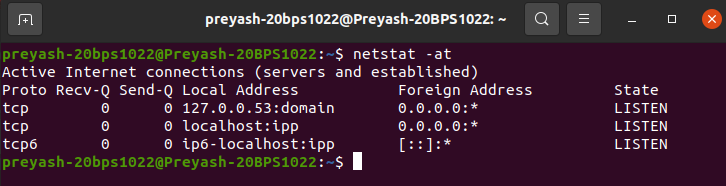
netstat -a | more/less (list all listening ports)



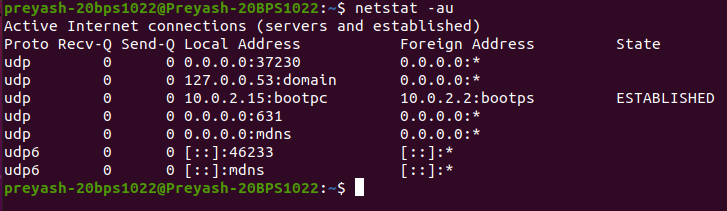




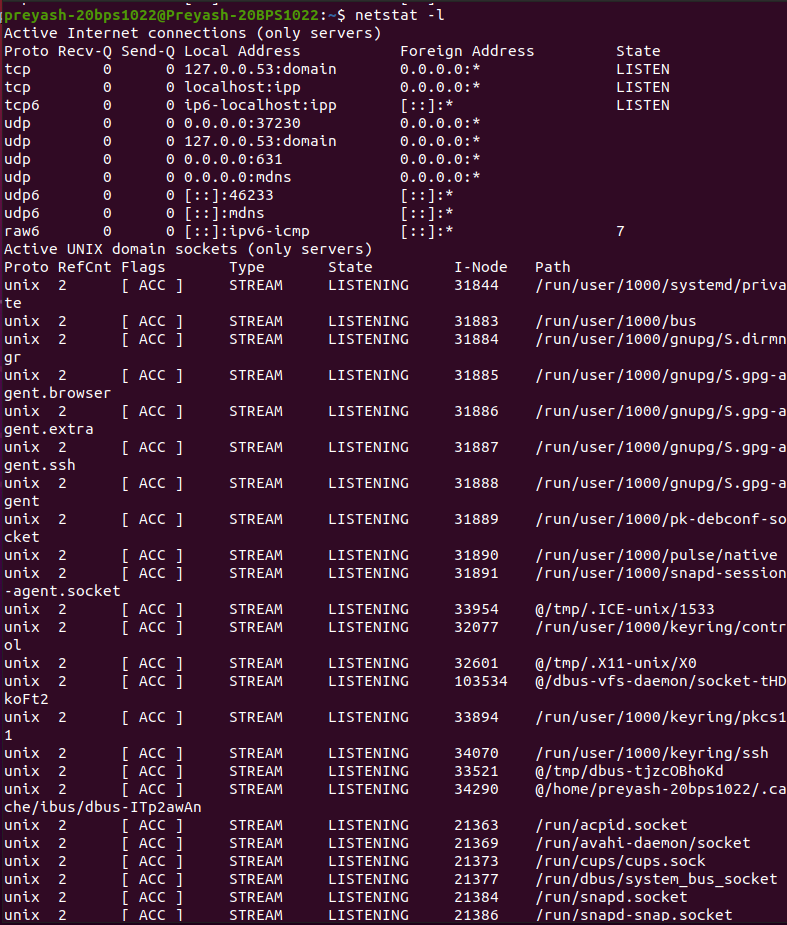
netstat -at

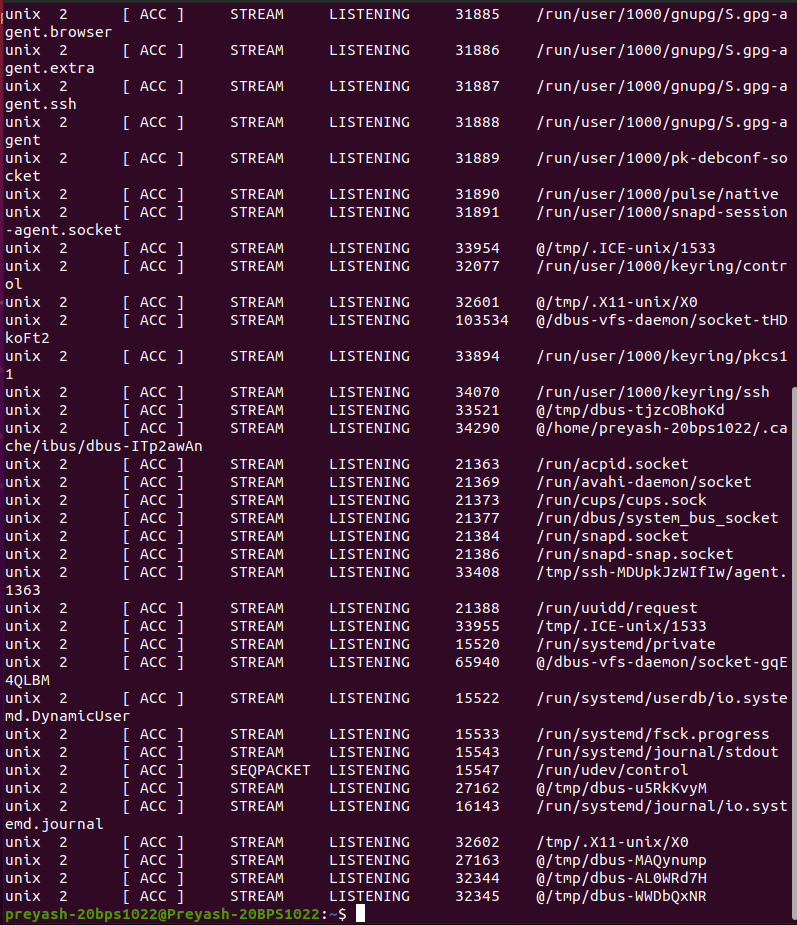


netstat -au

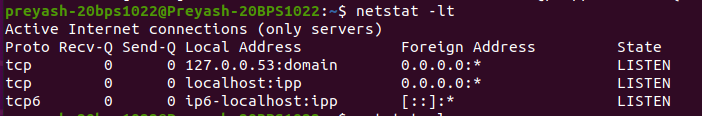


netstat -l

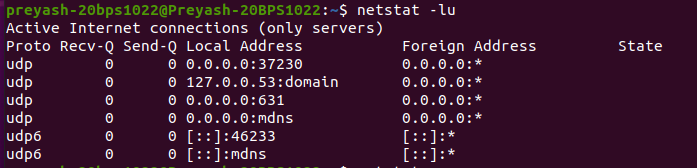




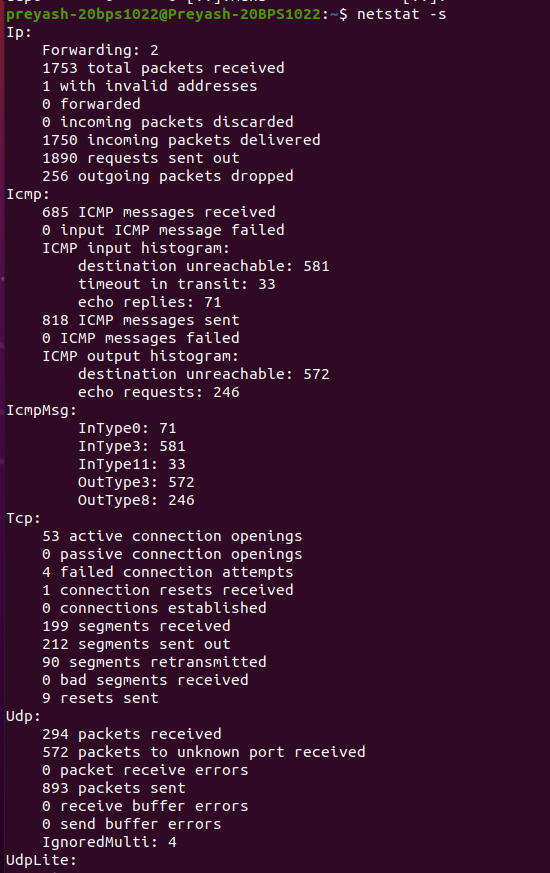
netstat -lt (list active TCP listening ports)

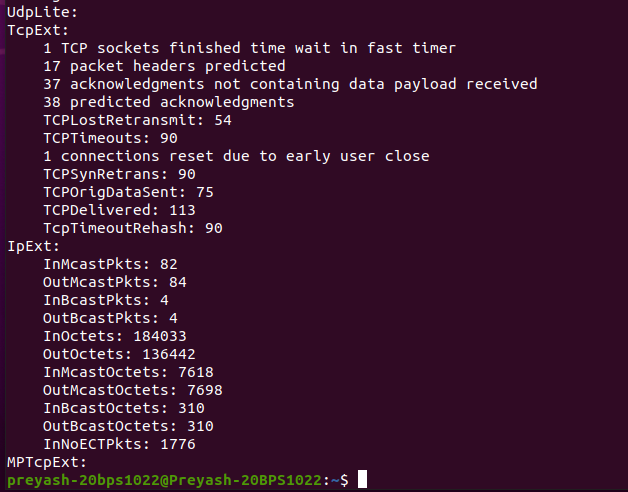


netstat -lu (list active UDP listening ports)

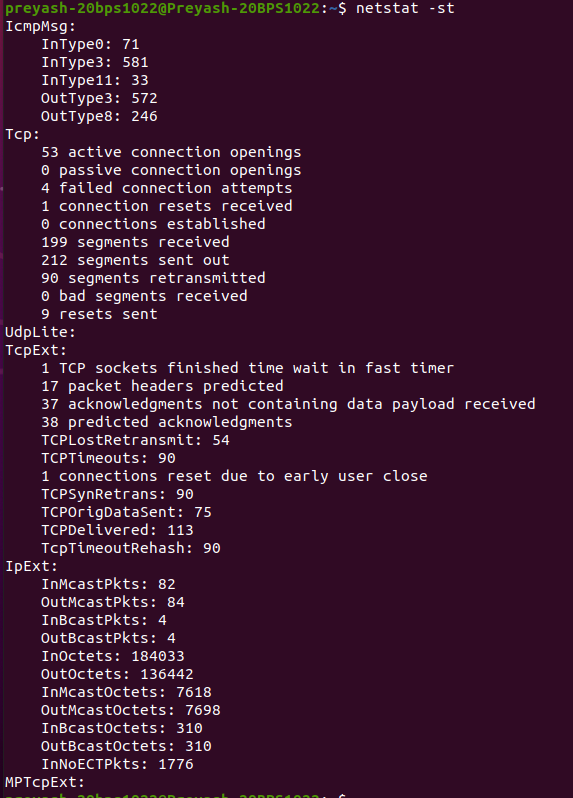


netstat -s

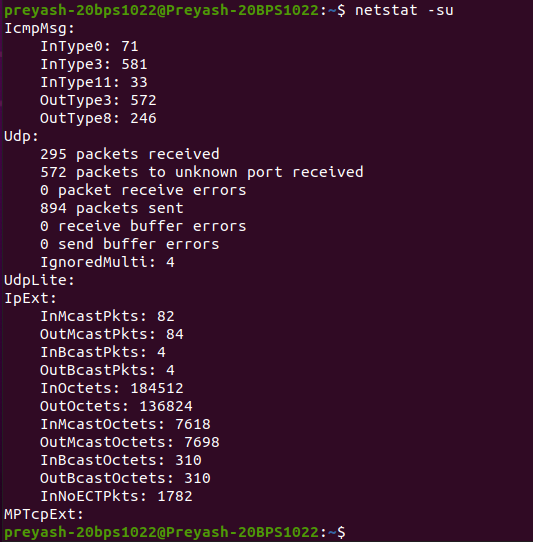




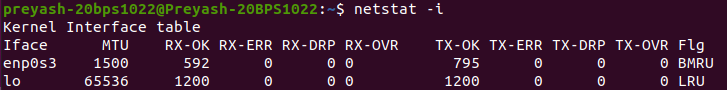
netstat -st (TCP Protocol Statistics)



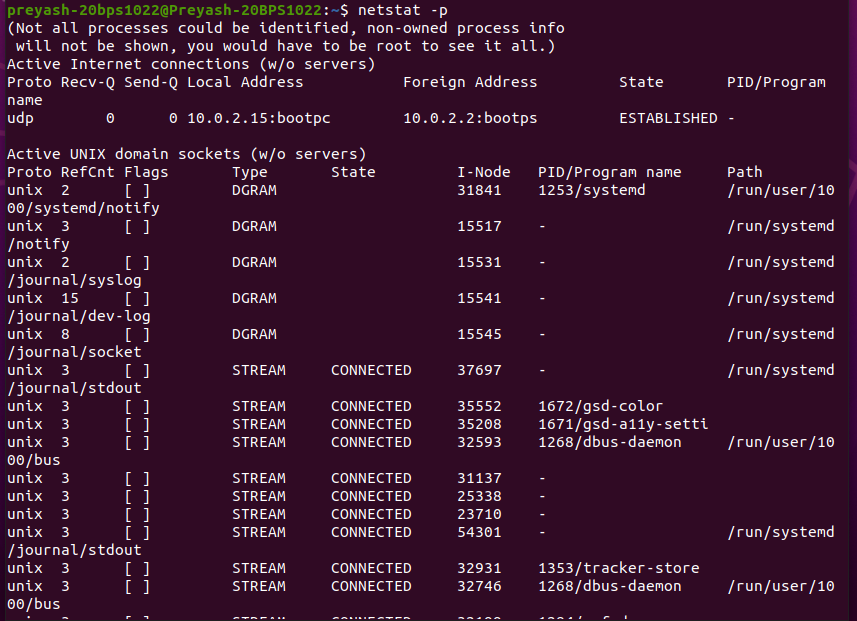
netstat -su (UDP Protocol Statistics)



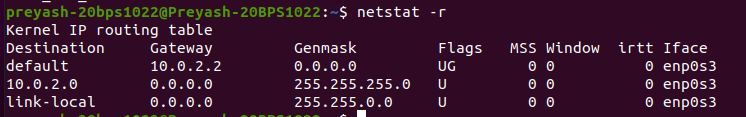
netstat -i (Interface statistics)



netstat -p (list service by PID)



netstat -r (routing table info)



**ARP COMMANDS:**

