1)ping

PING (Packet Internet Groper) command is used to check the network connectivity between host and server/host.

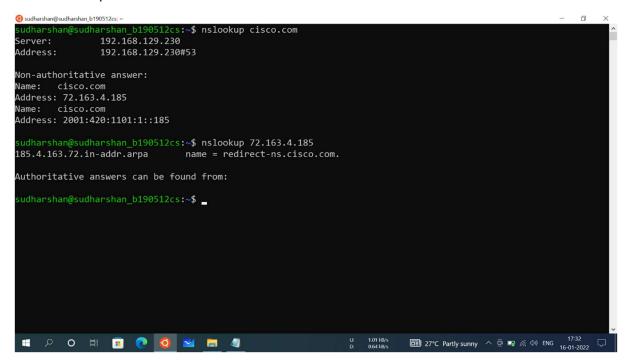
2)traceroute

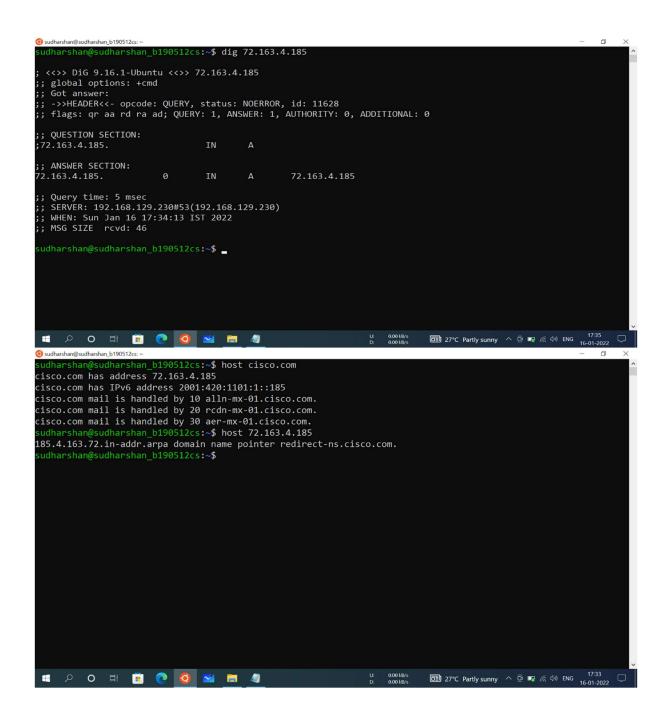
This command in Linux prints the route that a packet takes to reach the host. This command is useful when you want to know about the route and about all the hops that a packet takes.

ifconfig(interface configuration) command is used to configure the kernel-resident network interfaces. It is used at the boot time to set up the interfaces as necessary.

4)dig/nslookup/host

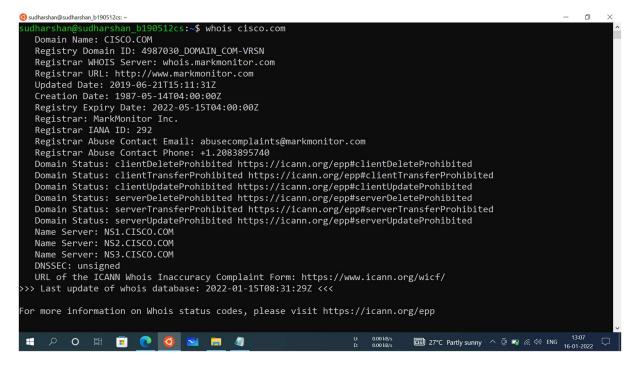
These are used for retrieving information about DNS name servers. These are used for verifying and troubleshooting DNS problems and to perform DNS lookups.





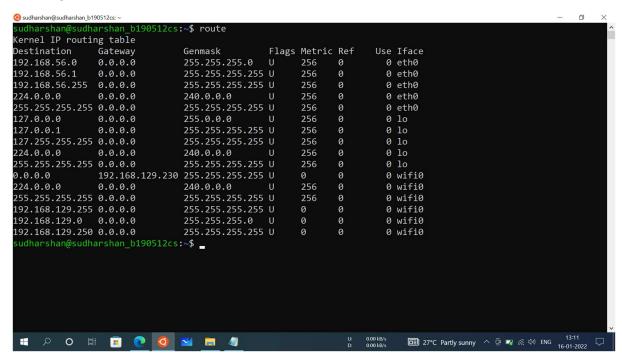
5)whois

Used to know all info about given ip address.



6)route

route command in Linux is used when we want to work with the IP/kernel routing table. It is mainly used to set up static routes to specific hosts or networks via an interface. It is used for showing or update the IP/kernel routing table.



7)tcpdump

It is used to capture, filter, and analyze network traffic such as TCP/IP packets going through our system.

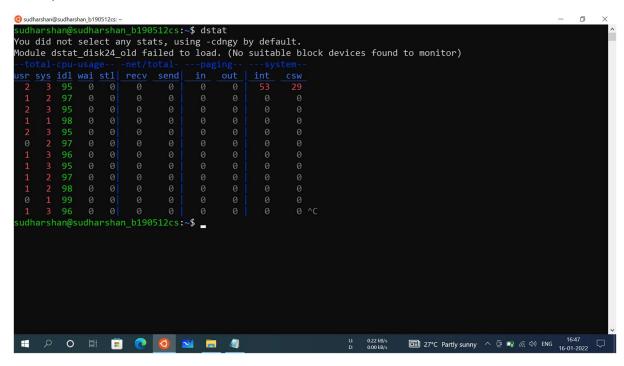
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8)netstat

Netstat command displays various network related information such as network connections, routing tables, interface statistics, masquerade connections, multicast memberships etc.,

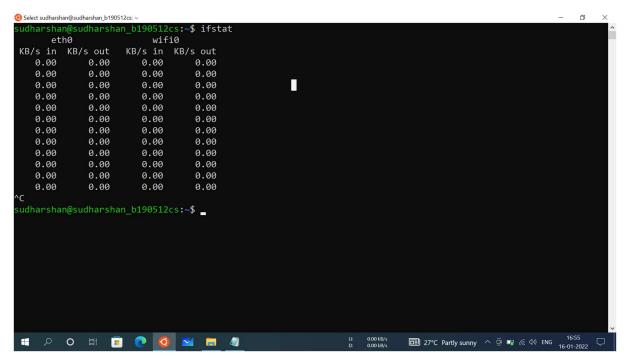
```
### Active Titerran connections (%) servers |
Proto Rec-VG Send Q Local Address |
Proto Rec-VG Send Q
```

dstat is a tool that is used to retrieve information or statistics form components of the system such as network connections, IO devices, or CPU, etc.



10)ifstat

This command prints network interface statistics.



11)wget

Wget is the non-interactive network downloader which is used to download files from the server and it can work in the background without hindering the

current process.

12)tracepath

tracepath command in Linux is used to trace the path to destination discovering MTU along this path.similar to traceroute but don't require super user priviliges.