

**Demonstrate the working of the following commands :ping, tracert, nslookup, netstat, ARP, RARP, ip, ifconfig, dig, route**

1. Ifconfig
2. Ping google.com
3. Tracepath geeksforgeeks.com
4. Netstat
5. Dig/dig geeksforgeeks.com
6. Arp
7. Whois facebook.com
8. Host facebook.com
9. Nload
10. Route
11. Nmap facebook.com
12. Nslookup facebook.com

**Using netstat and route commands to do the following.**

i. View current routing table

route -n.

ii. Add and delete routes.

sudo ip route add 192.168.1.0/24 via 172.20.128.2 dev **eth0**(Iface)

sudo ip route del 192.168.1.0/24

iii. Change default gateway

ip route show default

sudo ip route del default

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sudo ip route add default via 192.168.0.2
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