

Linux IP Command Lines

Display Current Config for all NIC's: `ifconfig`

Display Current Config for eth0: `ifconfig eth0`

Assign IP: `ifconfig eth0 192.168.1.2`

Assign IP/Subnet: `ifconfig eth0 192.168.1.2 netmask 255.255.255.0`

Assign Default Gateway: `route add default gw 192.168.1.1`

Assign multiple IP's: `ifconfig eth0:0 192.168.1.2`

Assign second IP: `ifconfig eth0:1 192.168.1.3`

Disable network card: `ifconfig eth0 down`

Enable network card: `ifconfig eth0 up`

View current routing table: `route "or" route -n`

View arp cache: `arp "or" arp -n`

Ping: `ping -c 3 192.168.1.1`

Trace Route: `traceroute www.whatismyip.com`

Trace Path: `tracert www.whatismyip.com`

DNS Test: `host www.whatismyip.com`

Advanced DNS Test: `dig www.whatismyip.com`

Reverse Lookup: `host 66.11.119.69`

Advanced Reverse Lookup: `dig -x 66.11.119.69`