

DOS / Windows Quick Reference Network Commands:

Display Connection Configuration: `ipconfig /all`
Display DNS Cache Info: `ipconfig /displaydns`
Clear DNS Cache: `ipconfig /flushdns`
Release All IP Address Connections: `ipconfig /release`
Renew All IP Address Connections: `ipconfig /renew`
Re-Register the DNS connections: `ipconfig /registerdns`
Change/Modify DHCP Class ID: `ipconfig /setclassid`
Network Connections: `control netconnections`
Network Setup Wizard: `netsetup.cpl`
Test Connectivity: `ping whatismyip.com`
Trace Route: `tracert`
Displays the TCP/IP protocol sessions: `netstat`
Display Local Route: `route`
Display Resolved MAC Addresses: `arp`
Display Name of Computer Currently on: `hostname`
Display DHCP Class Information: `ipconfig /showclassid`
NameServer Lookup: `nslookup whatismyip.com`

Unix Quick Reference Network Commands:

Display Current Config for all NIC's: `ifconfig`
Display Current Config for dc0: `ifconfig dc0`
Assign multiple IP's: `ifconfig dc0:0 192.168.1.2`
Assign second IP: `ifconfig dc0:1 192.168.1.3`
Disable network card: `ifconfig dc0 down`
Enable network card: `ifconfig dc0 up`
Assign IP/Subnet: `ifconfig dc0 inet 192.168.1.2 netmask 255.255.255.0`
Assign Gateway: `route delete default && route add default 192.168.1.1`

Linux Quick Reference Network Commands:

Display Current Config for all NIC's: `ifconfig`
Display Current Config for eth0: `ifconfig eth0`
Assign IP: `ifconfig eth0 192.168.1.2`
Ping: `ping -c 3 192.168.1.1`
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`
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`
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`