451L Cheat Command Cheat Sheet

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Contents

1 Changing Device IP's:

- pc: sudo ifconfig eth0 'ip' netmask 'netmask'

  ex: sudo ifconfig eth0 10.42.1.10 netmask 255.255.255.0

- router: configure terminal

  router[config]: interface FastEthernet0/0

  router[config]: ip address 'ip' 'netmask'

  router[config]: no shutdown

  router[config]: end

2 Displaying routing tables for devices

- pc: netstat -rn

- router: show ip route

3   Adding/Deleting Routes to Devices

- pc: sudo route add -net 10.42.1.10 netmask 255.255.255.0 gw 10.42.3.4

  pc: sudo route del -net 10.42.1.10 netmask 255.255.255.0 gw 10.42.3.4

- pc: route add default gw 10.42.3.4

  pc: route del default gw 10.42.3.4

- router[config]: ip route 10.42.1.10 255.255.255.0 10.42.3.1

3.1   Clearing ip routes for devices

- pc: sudo ifconfig eth0 down

  pc: sudo ifconfig eth0 up

  This command flushes the routing table on the pc.

- router: clear ip route *