CentOS Router Fred Fritchie

15 Minute Plan

* Ensure everyone operating a host has their IP
* Change password for (/usr/bin/passwd)
  + User
  + Root
* Internal interface:
  + Eth1 – 192.168.t.1
* External interface:
  + Eth0 – 172.18.13.t
* Check connectivity to each host:
  + 192.168.t.5
  + 192.168.t.5
  + 192.168.t.5
  + 192.168.t.5
  + Ext 172.18.0.1
  + Ext 172.18.14.t
* Forward ports:
  + 80 – 192.168.t.5
  + 443 – 192.168.t.5
  + 3306 – 192.168.t.7
  + 53 – 192.168.t.12
* Check running services
* Check enabled users
  + Login shell
  + Home directory
  + Permissions
  + Groups ( getent group [NAME] )

Set Static IP

* Sudo vi /etc/sysconfig/network-scripts/ifcfg-[INT]

Change:

BOOTPROTO=static | ONBOOT=yes

Add:

IPADDR=[IP] | NETMASK=[SM]

* sudo systemctl restart network

Change Zone

sudo firewall-cmd --change-interface=[INT] --zone=[ZONE] --permanent

Port Forwarding

sudo firewall-cmd --zone=[Z] --add-forward-port=port=[PORT]:proto=tcp:toport=[PORT]:toaddr=[IP] --permanent

Commands

Change password: /usr/bin/passwd

firewall-cmd

* --list-all-zones
* --list-all --zone=[Z]
* --reload
* --zone=[Z] --permanent --(remove/add)-service=[SERVICE]

Note: forward rules take precedence over service running on the interface