

02/11/2022

- ☐ Ensure everyone operating a host has their IP
- ☐ Change password for
  - ☐ User
  - ☐ Root
- ☐ Configure internal interface:
  - ☐ ETH1 – 192.168.t.1
- ☐ Configure external interface:
  - ☐ ETH0 – 172.18.13.t
- ☐ Check connectivity to each host:
  - ☐ 172.18.0.1
  - ☐ 172.18.14.t
  - ☐ 192.168.t.5
  - ☐ 192.168.t.7
  - ☐ 192.168.t.12
  - ☐ 192.168.t.15
  - ☐ 192.168.1.0
- ☐ 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
  - ☐ Perms
  - ☐ Groups

## Set Static IP

```
IPADDR=192.168.t.5
NETMASK=255.255.255.0
BOOTPROTO=static
GATEWAY=192.168.t.1
```

## Port Forwarding

```
echo "net.ipv4.ip_forward = 1"|sudo
tee /etc/sysctl.d/99-ipforward.conf

sudo sysctl -p /etc/sysctl.d/99-
ipforward.conf

sudo iptables -t nat -A PREROUTING -p
tcp --dport <OUTPORT> -j DNAT --to-
destination <INTERNAL IP>:<INPORT>

sudo iptables -t nat -A POSTROUTING -p
tcp -d <INTERNAL IP> --dport <INPORT>
-j SNAT --to-source <ROUTER IP>

sudo iptables-save|sudo tee
/etc/sysconfig/iptables
```