

Opstart password: line vty 0 4 → password cisco

Enable password: conf t → enable secret class

Console password: conf t → line console 0 → password epikpass → login

Allerlei

- ⇒ Hostname epikName
- ⇒ Banner motd #epikBanner#
- ⇒ Int g0/0 → desc epikDescription
- ⇒ **Default gateway:** ip default-gateway 10.10.10.1

Routing enzoo

Which command only displays directly connected networks?

show ip route connected

Which command only displays the static routes listed in the routing table?

show ip route static

How to enable ipv6 routing (command)?

conf t → ipv6 unicast-routing

Static route: ip route 10.10.0.0 255.255.0.0 s0/0/0

Recursive route: ip route 20.20.20.0 255.255.255.0 10.10.1.1

Default route: ip route 0.0.0.0 0.0.0.0 s0/0/0

Floating route: ip route 10.10.0.0 255.255.0.0 s0/0/1 5

RIP commands

- ⇒ router rip
- ⇒ version 2
- ⇒ no auto-summary
- ⇒ network 10.10.10.0
- ⇒ default-information originate
- ⇒ passive-interface g0/0

Switchport security

- ⇒ sw port == switchport port-security
- ⇒ sw port max 1
- ⇒ sw port mac sticky
- ⇒ sw port violation restrict (dropt pakketjes)
- ⇒ int range f0/3-24 == int range f0/3-12, f0/13-24

VLANS

- ⇒ show vlan brief
- ⇒ conf t → vlan 10 → name epikvlan
- ⇒ no vlan 10
- ⇒ int f0/11 → sw mode access → sw access vlan 10
- ⇒ int f0/11 → no sw access vlan
- ⇒ sw voice vlan 150

Trunking

- ⇒ int f0/1 → sw mode trunk
- ⇒ sw trunk native vlan 10
- ⇒ sw trunk allowed vlan 10,20,...
- ⇒ show int trunk

Router on a stick

- ⇒ int g0/0.10 → encap dot 10 → ip address
- ⇒ int g0/0 → no shut !!!!!!!!!!!!!!!
- ⇒ trunk op switch ni vergete !!!!!!!!!!!!!!!

ACL

- ⇒ show access
- ⇒ acc 1 deny 192.168.11.0 0.0.0.255
- ⇒ acc 1 permit any
- ⇒ int g0/0 → ip acc 1 out → no ip acc 1 out
- ⇒ no acc 1
- ⇒ **Named:** ip acc standard epikNaam
- ⇒ No ip acc stand epikNaam
- ⇒ Int g0/0 → ip acc epikNaam out

DHCP

- ⇒ Ip dhcp excl 192.168.30.1 192.168.30.10
- ⇒ Ip dhcp pool epikNaam
- ⇒ Network 192.168.10.0 255.255.255.0
- ⇒ Default router x.x.x.x
- ⇒ Dns-server x.x.x.x
- ⇒ Ing g0/0 → ip helper-address x.x.x.x
- ⇒ Ip address dhcp

Static NAT

- ⇒ Show ip nat trans
- ⇒ Show ip nat stat
- ⇒ Ip nat inside source static local.x.x.x global.x.x.x
- ⇒ Int g0/0 ➔ ip nat inside (of outside)

Dynamic NAT

- ⇒ Ip nat pool epikNaam low.x.x.x high.x.x.x netmask mask.x.x.x
- ⇒ Ip nat inside source list 1 (of naam ACL) pool epikNaam

Dynamic NAT PAT

- ⇒ Ip nat inside source list R2NAT pool R2POOL overload