**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