# Cisco IOS Naredbe za Konfiguraciju Složene Pristupne Mreže

## 1. Konfiguracija VLAN-ova

Switch(config)# vlan 10

Switch(config-vlan)# name IT

Switch(config)# vlan 20

Switch(config-vlan)# name HR

Switch(config)# interface range fa0/1 - 3

Switch(config-if-range)# switchport mode access

Switch(config-if-range)# switchport access vlan 10

Switch(config)# interface range fa0/4 - 6

Switch(config-if-range)# switchport mode access

Switch(config-if-range)# switchport access vlan 20

## 2. Dodjela Statičkih IP Adresa

PC0: IP 192.168.10.2 /24, Gateway 192.168.10.1

PC1: IP 192.168.10.3 /24, Gateway 192.168.10.1

PC2: IP 192.168.10.4 /24, Gateway 192.168.10.1

PC3: IP 192.168.20.2 /24, Gateway 192.168.20.1

PC4: IP 192.168.20.3 /24, Gateway 192.168.20.1

PC5: IP 192.168.20.4 /24, Gateway 192.168.20.1

Server: IP 192.168.10.10 /24, Gateway 192.168.10.1

Printer: IP 192.168.20.10 /24, Gateway 192.168.20.1

## 3. Konfiguracija Routera s Podinterfaces

Router(config)# interface g0/0.10

Router(config-subif)# encapsulation dot1Q 10

Router(config-subif)# ip address 192.168.10.1 255.255.255.0

Router(config)# interface g0/0.20

Router(config-subif)# encapsulation dot1Q 20

Router(config-subif)# ip address 192.168.20.1 255.255.255.0

## 4. ACL Pravila za Sigurnost

Router(config)# access-list 100 deny ip 192.168.10.0 0.0.0.255 192.168.20.0 0.0.0.255

Router(config)# access-list 100 permit ip any any

Router(config)# interface g0/0

Router(config-if)# ip access-group 100 in

## 5. Testiranje Mreže

Ping između uređaja unutar VLAN-a 10 i VLAN-a 20

Ping s IT računala na Web server

Ping s HR računala na printer

Provjera da nema komunikacije između VLAN-ova