2. LABOS

END DEVICE: IP configuration

192.168.1.2 ili 192.168.2.2
maska podmreže: 255.255.255.0
Default Gateway (IP VLAN-a): 192.168.1.1
192.168.2.1

2. ZADATAK

SWITCH: CLI

>enable (prelazak u privilegirani EXEC mode)

#config t (prelazak iz privilegiranog u globalni konfiguracijski)

vlan 2 (stvaranje VLAN 2)

end

config t

vlan 3 (stvaranje VLAN 3)

end

config t

int FastEthernet 0/1 (ulazak u mod konfiguracije sučelja - iz globalnog)

#switchport access vlan 2 (postavlja sučelje u access mod, tj. u željeni VLAN)

end

```
#config t
#int FastEthernet0/2
#switchport access vlan 3
#end

#configure t
#int FastEthernet0/3
#switchport access vlan 2
#end

#configure t
#int FastEthernet0/4
#switchport access vlan 3
#end
```

ROUTER (spojena 2 porta switcha)

```
>enable
#config t
#int FastEthernet 0/0
#ip address 192.168.1.1 255.255.255.0
#no shutdown
#end
#config t
#int FastEthernet0/1
#ip address 192.168.2.1 255.255.255.0
#no shutdown
#end
```

postavljanje IP adr. i mrežne maske ↑

svi paketi koji dođu na 192.168.1.X preusmjeravaju se na sučelje FastEth 0/0

```
#config t
#ip route 192.168.1.0 255.255.255.0 FastEth. 0/0
#ip route 192.168.2.0 255.255.255.0 FastEth. 0/1
```

↳ na END DEVICE staviti Default Gateway dodijeljene IP adrese (192.168.1.1 i ...1.2)

TRUNKING (ZAD. 3) (spajamo 1 port switcha na router)

SWITCH

```
>enable
#config t
#int FastEthernet 0/1
#switchport access vlan 2
#end
#config t
#int FastEthernet 0/2
#switchport access vlan 3
#end
```

```
#config t
# int FastEthernet 0/3
# switchport mode trunk
# end
```

ROUTER

```
>enable
# config t
# int FastEthernet 0/0
# no shutdown
# int FastEthernet 0/0.1   (mod konfiguracije podsučelja)
# encapsulation dot1q 2
# ip address 192.168.1.1 255.255.255.0
# no shutdown
# end
# config t
# int FastEthernet 0/0
# no shutdown
# int FastEthernet 0/0.2
# ip address 192.168.2.1  255.255.255.0
# no shutdown
# end
# config t
# ip route 192.168.1.0 255.255.255.0 FastEth 0/0.1
# ip route 192.168.2.0 255.255.255.0 FastEth 0/0.2
```

L3/2 SWITCH (zadatak 4)

>enable

#config t

#int FastEthernet 0/1

#switchport access vlan 2

#end

#config t

#int FastEthernet 0/2

#switchport access vlan 2

#end

#config t

#int FastEthernet 0/3

#switchport access vlan 3

#end

#config t

#ip routing - uključujemo usmjeravanje

#Int Vlan 2
#ip address 192.168.1.1 255.255.255.0
#no shutdown (za svaki slučaj, možda ne treba)
#end

#config t
#int vlan 3
#ip address 192.168.2.1 255.255.255.0
#no shutdown
#end #config t

DODATI IP ROUTE SA SLJ. STR.

5 ZADATAK

PC1 192.168.1.2
PC2 192.168.2.2
PC3 192.168.3.2

SWITCH 1 – normalno za konfiguraciju sučelja prema PC-evima, a sučelje prema SWITCHU 2 switchport mode trunk

PC4 192.168.1.3
PC5 192.168.2.3
PC6 192.168.3.3

SWITCH 2 – trunk prema SWITCH 1 i L2/3 SWITCH

S1 192.168.1.4

S2 192.168.2.4

S3 192.168.3.4

L2/3 SWITCH – normalno ko prošli zad.

#ip route 192.168.1.0 255.255.255.0 vlan 2

#ip route 192.168.2.0 255.255.255.0 vlan 3