

UNIVERZITET U BIHAĆU
TEHNIČKI FAKULTET
BIHAĆ

RAČUNARSKE MREŽE

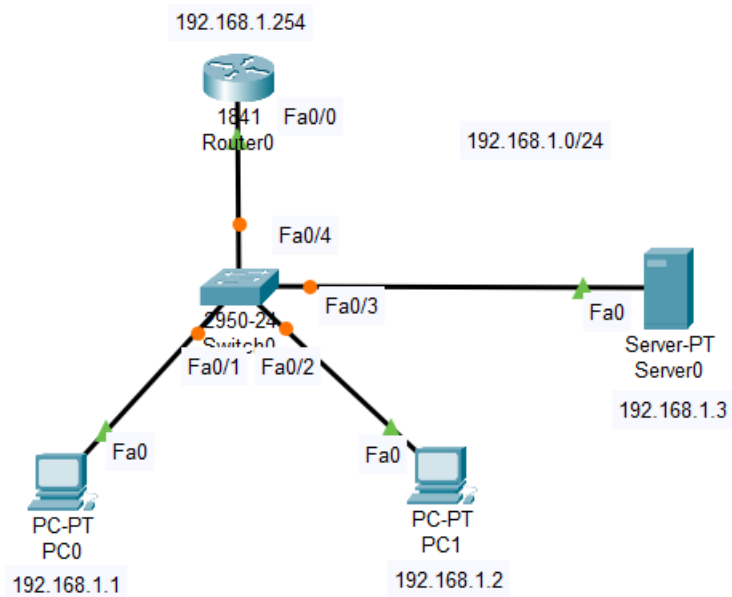
Laboratorijske vježbe

CISCO Packet Tracer
(Vježba 3)

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Viši asistent

PRIMJER 1: Konfiguracija switcha, rutera, servera i računara

Desktop konfiguracija



192.168.1.0/24 će biti naša mreža

Konfiguracija rutera

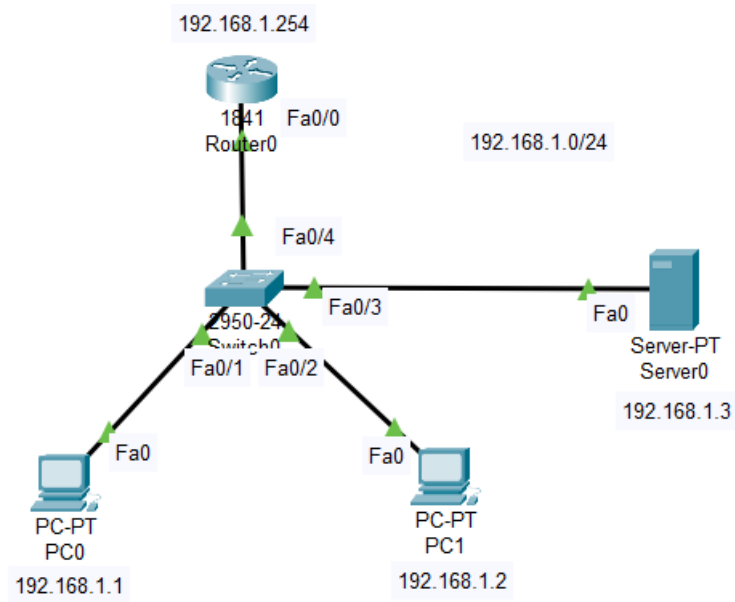
The screenshot shows the configuration window for Router0. The 'Config' tab is active. On the left, the 'INTERFACE' section is expanded, and 'FastEthernet0/0' is selected. The main configuration area for 'FastEthernet0/0' shows the following settings:

- Port Status: ☒ On
- Bandwidth: 100 Mbps (selected), 10 Mbps (unselected)
- Duplex: ☐ Half Duplex, ☒ Full Duplex
- MAC Address: 0001.64B0.8E01
- IP Configuration:
 - IP Address: 192.168.1.254
 - Subnet Mask: 255.255.255.0
- Tx Ring Limit: 10

Below the configuration area, the 'Equivalent IOS Commands' section shows the following commands:

```
Router(config-if) #
Router(config-if) #exit
Router(config) #interface FastEthernet0/1
Router(config-if) #
Router(config-if) #exit
Router(config) #interface FastEthernet0/0
Router(config-if) #
```

At the bottom left, there is a 'Top' button.



Cisco Packet Tracer - E:\NASTAVNI MATERIAL\Računarske mreže\2019-2020\Vježbe - Online\11. (19.05.2020.)\CPT - Lab3\Primjeri\P1.ptk

File Edit Options View Tools Extensions Help

Logical Physical x 50, y 10

Simulation Panel

Event List

Vis.	Time(sec)	Last Device	At Device	Type
0.000	-	PC0	PC0	ICMP
0.000	-	PC0	PC0	ICMP
0.000	-	PC0	PC0	ICMP
0.001	0.001	PC0	Switch0	ICMP
0.001	0.001	PC0	PC0	ICMP
0.002	0.002	PC0	Switch0	ICMP
0.002	0.002	Switch0	PC1	ICMP
0.002	0.002	PC0	PC0	ICMP
0.003	0.003	PC0	Switch0	ICMP
0.003	0.003	Switch0	PC1	ICMP
0.003	0.003	PC1	Switch0	ICMP
0.004	0.004	Switch0	PC1	ICMP
0.004	0.004	PC1	Switch0	ICMP
0.004	0.004	Switch0	PC0	ICMP

Reset Simulation ☒ Constant Delay Captured to: 0.004 s

Play Controls

Event List Filters - Visible Events

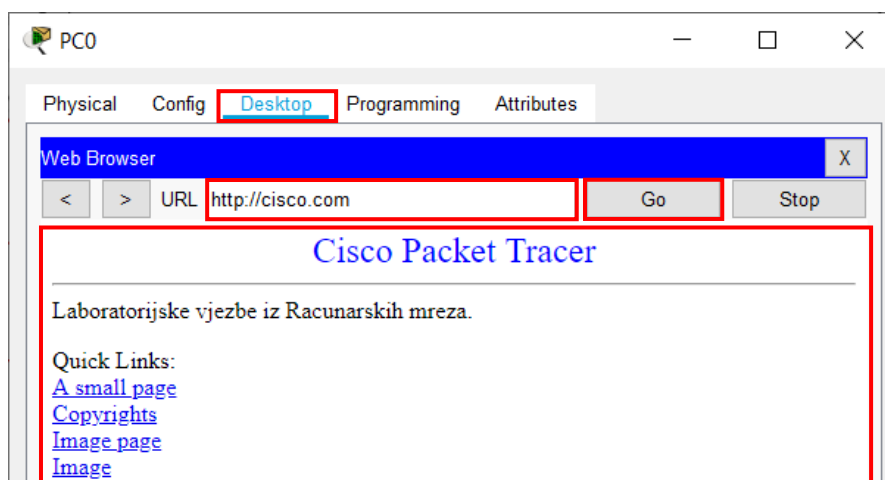
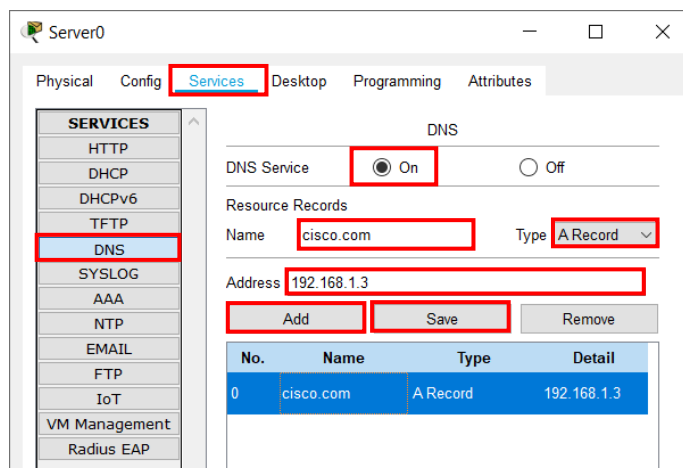
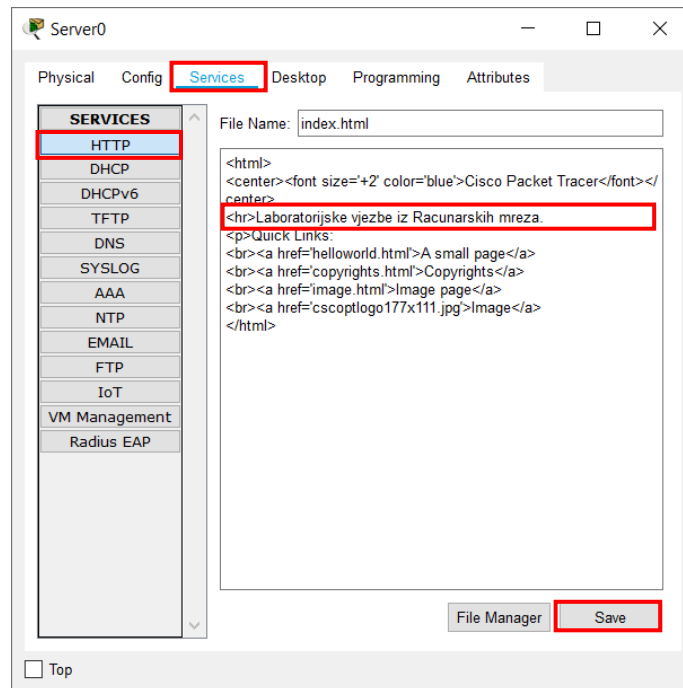
ACL Filter, ARP, BGP, CDP, DHCP, DHCPv6, DNS, DTP, EIGRP, EIGRPv6, FTP, H.323, HSRP, HSRPv6, HTTP, HTTPS, ICMP, ICMPv6, IPSec, ISAKMP, LACP, NDP, NETFLOW, NTP, OSPF, OSPFv6, Ping, POP3, RADIUS, RDP, RIPv2, RIPv3, SCCP, SMTP, SNMP, SSH, STP, SYSLOG, TACACS, TCP, TFTP, Telnet, UDP, VTP

Edit Filters Show All/None

Time: 00:22:13.849 PLAY CONTROLS

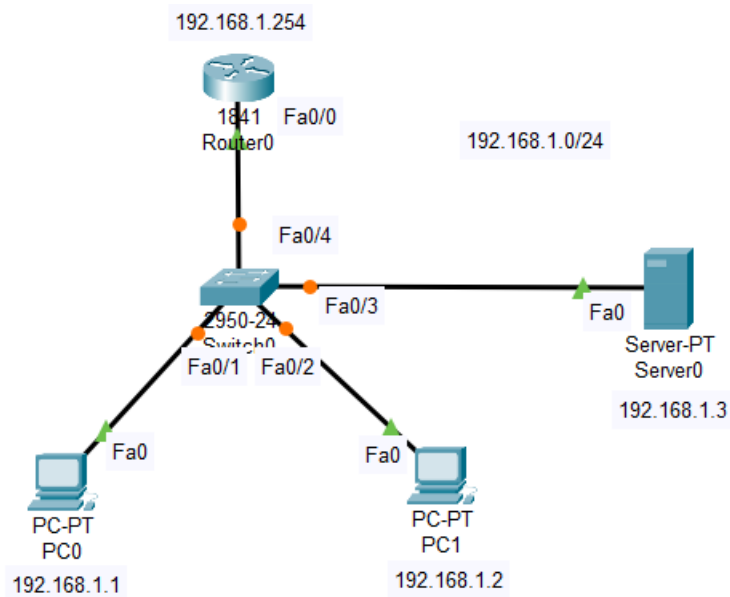
Copper Straight-Through

Podešavanje servera



PRIMJER 2: Konfiguracija switcha, rutera, servera i računara

CLI konfiguracija



192.168.1.0/24 će biti naša mreža

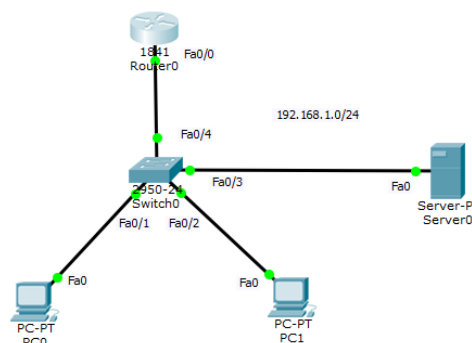
Konfiguracija rutera

```
Router0
Physical Config CLI
IOS Command Line Interface
Continue with configuration dialog? [yes/no]:
% Please answer 'yes' or 'no'.
Continue with configuration dialog? [yes/no]:
% Please answer 'yes' or 'no'.
Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>enable
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface fastEthernet 0/0
Router(config-if)#ip address 192.168.1.254 255.255.255.0
Router(config-if)#no shutdown

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0,
changed state to up
```



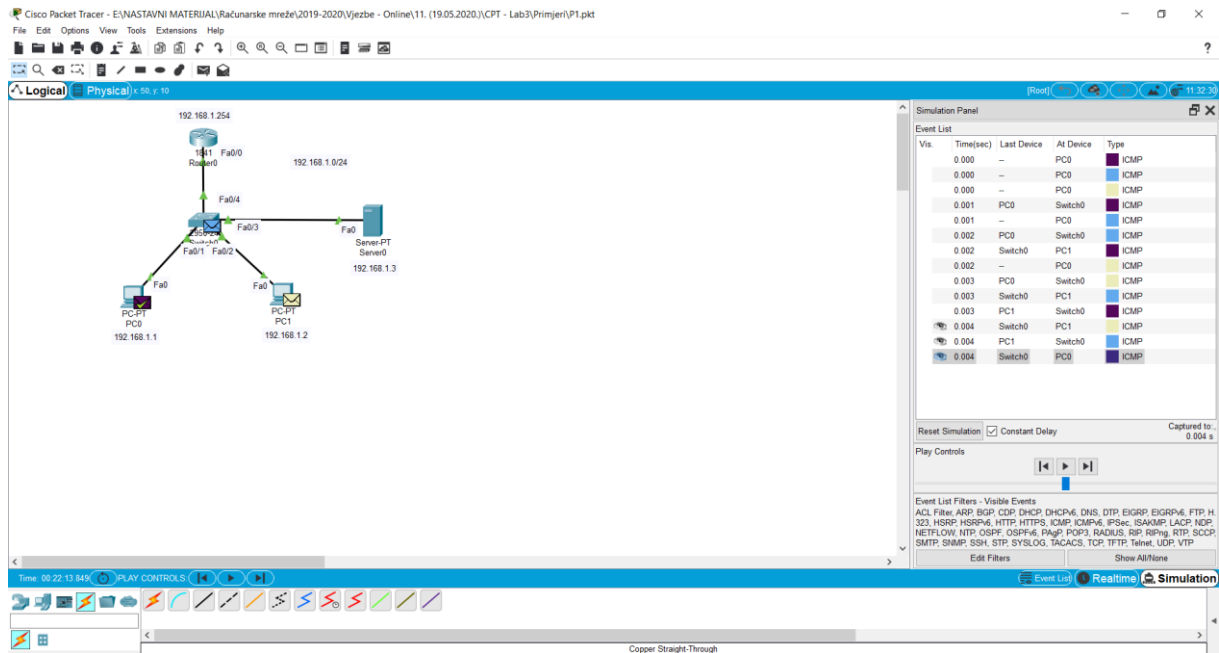
Konfiguracija switcha

```
Switch0
Physical Config CLI
IOS Command Line Interface

%LINK-5-CHANGED: Interface FastEthernet0/4, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/4,
changed state to up

Switch>enable
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int vlan1
Switch(config-if)#ip address 192.168.1.253 255.255.255.0
Switch(config-if)#ex
Switch(config)#ip default-gateway 192.168.1.254
Switch(config)#interface vlan 1
Switch(config-if)#no sh

Switch(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up
%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed
state to up
```



Podešavanje servera

