Лабораториска вежба бр. 7	**GNS3 рутирање**		
Име и презиме	Индекс	Група	Датум
Бојан Ристов	**211151**	**Група 8 (СИИС)**	**30.12.2022**

01.

R_A		
172.16.20.0	**255.255.255.0**	**172.16.20.1**
172.16.50.0	**255.255.255.0**	**172.16.20.1**
172.16.40.0	**255.255.255.0**	**172.16.20.1**
172.16.10.0	**255.255.255.0**	**172.16.20.1**
172.16.20.0	**255.255.255.0**	**172.16.20.1**
172.16.30.0	**255.255.255.0**	**172.16.20.1**
172.16.80.0	**255.255.255.0**	**172.16.20.1**
R_B		
172.16.50.0	**255.255.255.0**	**172.16.30.1**
172.16.70.0	**255.255.255.0**	**172.16.30.1**
172.16.60.0	**255.255.255.0**	**172.16.30.1**
172.16.20.0	**255.255.255.0**	**172.16.30.1**
172.16.10.0	**255.255.255.0**	**172.16.30.1**
172.16.90.0	**255.255.255.0**	**172.16.30.1**
R_C		
172.16.40.0	**255.255.255.0**	**172.16.40.1**
172.16.10.0	**255.255.255.0**	**172.16.40.1**
172.16.60.0	**255.255.255.0**	**172.16.40.1**
172.16.50.0	**255.255.255.0**	**172.16.40.1**
172.16.70.0	**255.255.255.0**	**172.16.40.1**
172.16.20.0	**255.255.255.0**	**172.16.40.1**
R_D		
172.16.50.0	**255.255.255.0**	**172.16.50.1**
172.16.50.0	**255.255.255.0**	**172.16.50.1**
172.16.20.0	**255.255.255.0**	**172.16.50.1**
172.16.10.0	**255.255.255.0**	**172.16.50.1**
172.16.60.0	**255.255.255.0**	**172.16.50.1**
172.16.90.0	**255.255.255.0**	**172.16.50.1**
R_E		
172.16.60.0	**255.255.255.0**	**172.16.20.2**
172.16.70.0	**255.255.255.0**	**172.16.30.2**
172.16.80.0	**255.255.255.0**	**172.16.10.2**
172.16.90.0	**255.255.255.0**	**172.16.10.2**
172.16.40.0	**255.255.255.0**	**172.16.10.2**

R_F		
172.16.40.0	255.255.255.0	172.16.10.1
172.16.90.0	255.255.255.0	172.16.10.1
172.16.80.0	255.255.255.0	172.16.10.1
172.16.30.0	255.255.255.0	172.16.50.1
172.16.60.0	255.255.255.0	172.16.40.1

02.

```
R_E#config t
Enter configuration commands, one per line.  End with CNTL/Z.
R_E(config)#ip route 172.16.60.0 255.255.255.0 172.16.20.2
R_E(config)#ip route 172.16.70.0 255.255.255.0 172.16.30.2
R_E(config)#ip route 172.16.80.0 255.255.255.0 172.16.10.2
R_E(config)#ip route 172.16.90.0 255.255.255.0 172.16.10.2
R_E(config)#ip route 172.16.40.0 255.255.255.0 172.16.10.2
R_E(config)#ip route 172.16.50.0 255.255.255.0 172.16.10.2
R_E(config)#^Z
R_E#whow
*Mar  1 00:42:30.191: %SYS-5-CONFIG_I: Configured from console by console
R_E#show ip route
Codes: C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route
```

03.

```
H_E> ping 172.16.10.1
84 bytes from 172.16.10.1 icmp_seq=1 ttl=254 time=31.482 ms
84 bytes from 172.16.10.1 icmp_seq=2 ttl=254 time=25.260 ms
84 bytes from 172.16.10.1 icmp_seq=3 ttl=254 time=31.830 ms
84 bytes from 172.16.10.1 icmp_seq=4 ttl=254 time=29.756 ms
84 bytes from 172.16.10.1 icmp_seq=5 ttl=254 time=30.446 ms
```

04.

```
R_A#ping 172.16.90.1

Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 172.16.90.1, timeout is 2 seconds:
.!!!!
Success rate is 80 percent (4/5), round-trip min/avg/max = 120/307/856 ms
```

05.

R_A#config t
Enter configuration commands, one per line. End with CNTL/Z.
R_A(config)#no ip route 172.16.20.0 255.255.255.0 172.16.20.1
R_A(config)#no ip route 172.16.50.0 255.255.255.0 172.16.20.1
R_A(config)#no ip route 172.16.40.0 255.255.255.0 172.16.20.1
R_A(config)#no ip route 172.16.10.0 255.255.255.0 172.16.20.1
R_A(config)#no ip route 172.16.20.0 255.255.255.0 172.16.20.1
R_A(config)#no ip route 172.16.30.0 255.255.255.0 172.16.20.1
R_A(config)#no ip route 172.16.80.0 255.255.255.0 172.16.20.1
R_A(config)#^Z

06.

R_B#config t
Enter configuration commands, one per line. End with CNTL/Z.
R_B(config)#no ip route 172.16.50.0 255.255.255.0 172.16.30.1
R_B(config)#no ip route 172.16.70.0 255.255.255.0 172.16.30.1
R_B(config)#no ip route 172.16.60.0 255.255.255.0 172.16.30.1
R_B(config)#no ip route 172.16.20.0 255.255.255.0 172.16.30.1
R_B(config)#no ip route 172.16.10.0 255.255.255.0 172.16.30.1
R_B(config)#no ip route 172.16.90.0 255.255.255.0 172.16.30.1

07.

R_C#config t
Enter configuration commands, one per line. End with CNTL/Z.
R_C(config)#no ip route 172.16.40.0 255.255.255.0 172.16.40.1
R_C(config)#no ip route 172.16.10.0 255.255.255.0 172.16.40.1
R_C(config)#no ip route 172.16.60.0 255.255.255.0 172.16.40.1
R_C(config)#no ip route 172.16.50.0 255.255.255.0 172.16.40.1
R_C(config)#no ip route 172.16.70.0 255.255.255.0 172.16.40.1
R_C(config)#no ip route 172.16.20.0 255.255.255.0 172.16.40.1

08.

R_D#config t
Enter configuration commands, one per line. End with CNTL/Z.
R_D(config)#no ip route 172.16.50.0 255.255.255.0 172.16.50.1
R_D(config)#no ip route 172.16.50.0 255.255.255.0 172.16.50.1
R_D(config)#no ip route 172.16.20.0 255.255.255.0 172.16.50.1
R_D(config)#no ip route 172.16.10.0 255.255.255.0 172.16.50.1
R_D(config)#no ip route 172.16.60.0 255.255.255.0 172.16.50.1
R_D(config)#no ip route 172.16.90.0 255.255.255.0 172.16.50.1

09.

10.

```
H_E> ping 172.16.50.2
172.16.50.2 icmp_seq=1 timeout
84 bytes from 172.16.50.2 icmp_seq=2 ttl=252 time=368.686 ms
84 bytes from 172.16.50.2 icmp_seq=3 ttl=252 time=79.314 ms
84 bytes from 172.16.50.2 icmp_seq=4 ttl=252 time=60.557 ms
84 bytes from 172.16.50.2 icmp_seq=5 ttl=252 time=64.376 ms
```

11.

```
R_B#config t
Enter configuration commands, one per line.  End with CNTL/Z.
R_B(config)#router rip
R_B(config-router)#network 192.16.30.0
R_B(config-router)#no network 192.16.30.0
R_B(config-router)#network 172.16.30.0
R_B(config-router)#network 172.16.70.0
```

12.