

Informatikai ismeretek ágazati szakmai középszintű írásbeli érettségi (2019. május-június) hálózati ismeretek feladata (1. BajaWebNet)

https://dload-oktatas.educatio.hu/erettsegi/feladatok_2019tavasz_kozep/k_infoism_19maj_fl.pdf

Segédlet a megoldáshoz:

1.

Router: 2811

Switch: 2960-24

2.

WiFi Router: WRT300N

3.

```
EGER-SW>enable
```

```
EGER-SW#conf terminal
```

```
EGER-SW(config)#interface VLan1
```

```
EGER-SW(config-if)#ip address 192.168.1.254 255.255.255.0
```

```
EGER-SW(config-if)#no shutdown
```

```
EGER-SW(config-if)#exit
```

```
EGER-SW(config)#ip default-gateway 192.168.1.1
```

```
EGER-SW(config)#
```

6.

```
EGER-SW(config)#line vty 0 15
```

```
EGER-SW(config-line)#password egervty
```

```
EGER-SW(config-line)#login
```

```
EGER-SW(config-line)#
```

7.

```
EGER-SW(config-line)#exit
```

```
EGER-SW(config)#enable secret EGER123
```

```
EGER-SW(config)#exit
```

```
EGER-SW#
```

8.

```
EGER-RT>enable
```

```
EGER-RT#conf terminal
```

```
EGER-RT(config)#router rip
```

```
EGER-RT(config-router)#ver 2
```

```
EGER-RT(config-router)#network 192.168.1.0
```

```
EGER-RT(config-router)#network 182.20.0.0
```

```
EGER-RT(config-router)#network 10.10.10.4
```

```
EGER-RT(config-router)#passive-interface fa0/0
```

```
EGER-RT(config-router)#no auto-summary
```

```
EGER-RT(config-router)#exit
```

```
EGER-RT(config)#exit
```

```
EGER-RT#
```

```
BAJA-RT>enable
BAJA-RT#conf terminal
BAJA-RT(config)#router rip
BAJA-RT(config-router)#ver 2
BAJA-RT(config-router)#network 182.20.0.0
BAJA-RT(config-router)#network 192.168.2.0
BAJA-RT(config-router)#passive-interface fa0/0
BAJA-RT(config-router)#no auto-summary
BAJA-RT(config-router)#exit
BAJA-RT(config)#exit
BAJA-RT#
```

```
SZOLNOK-RT>enable
SZOLNOK-RT#conf terminal
SZOLNOK-RT(config)#router rip
SZOLNOK-RT(config-router)#ver 2
SZOLNOK-RT(config-router)#network 10.10.10.4
SZOLNOK-RT(config-router)#network 10.10.10.8
SZOLNOK-RT(config-router)#passive-interface fa0/0
SZOLNOK-RT(config-router)#no auto-summary
SZOLNOK-RT(config-router)#exit
SZOLNOK-RT(config)#exit
SZOLNOK-RT#
```

9.

```
EGER-RT#conf terminal
EGER-RT(config)#ip dhcp pool EGER-LAN
EGER-RT(dhcp-config)#network 192.168.1.0 255.255.255.0
EGER-RT(dhcp-config)#default-router 192.168.1.1
EGER-RT(dhcp-config)#dns-server 8.8.4.4
EGER-RT(dhcp-config)#exit
EGER-RT(config)#ip dhcp excluded-address 192.168.1.1 192.168.1.20
EGER-RT(config)#exit
EGER-RT#show running-config
```

11.

```
BAJA-RT>enable
BAJA-RT#conf terminal
BAJA-RT(config)#interface fa0/0
BAJA-RT(config-if)#ip nat inside
BAJA-RT(config-if)#exit
BAJA-RT(config)#interface s0/0/0
BAJA-RT(config-if)#ip nat outside
BAJA-RT(config-if)#exit
BAJA-RT(config)#ip nat inside source static 192.168.2.10 182.20.0.5
BAJA-RT(config)#exit
BAJA-RT#
```

16.

```
BAJA-RT>enable
BAJA-RT#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
BAJA-RT#
```

```
EGER-RT>enable
EGER-RT#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
EGER-RT#
```

```
SZOLNOK-RT>enable
SZOLNOK-RT#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
SZOLNOK-RT#
```

```
EGER-SW>enable
Password:
EGER-SW#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
EGER-SW#
```