Informatikai ismeretek ágazati szakmai középszintű írásbeli érettségi (2018. május-június) hálózati ismeretek feladata (1. ViaNet)

(https://dload-oktatas.educatio.hu/erettsegi/feladatok_2018tavasz_kozep/k_infoism_18maj_fl.pdf)

Segédlet a megoldáshoz:
1.
Router: 2811
Switch: 2960-24
WiFi Router: WRT300N
Laptop: WPC300N

4.
SBP1>enable
SBP1#conf terminal
SBP1(config)#interface VLan1
SBP1(config-if)#ip address 192.168.10.2 255.255.255.0
SBP1(config-if)#no shutdown
SBP1(config-if)#exit
SBP1(config)#ip default-gateway 192.168.10.1
SBP1(config)#

5.
SBP1(config)#line vty 0 15
SBP1(config-line)#password VtyBP123
SBP1(config-line)#login
SBP1(config-line)#

6.
SBP1(config-line)#exit
SBP1(config)#enable secret EnaBP123
SBP1(config)#exit
SBP1#

8.
BP2#enable
BP2#conf terminal
BP2(config)#ip dhcp pool BP2_Targyalo
BP2(dhcp-config)#network 192.168.40.0 255.255.255.248
BP2(dhcp-config)#default-router 192.168.40.1
BP2(dhcp-config)#dns-server 8.8.8.8
BP2(dhcp-config)#exit
BP2(config)#ip dhcp excluded-address 192.168.40.1 192.168.40.3
BP2(config)#exit
BP2#show running-config

9.
BP1>enable

```
BP1#conf terminal
BP1(config)#router rip
BP1(config-router)#version 2
BP1(config-router)#network 192.168.10.0
BP1(config-router)#network 192.168.40.0
BP1(config-router)#exit
BP1(config)#exit
BP1#

BP2#conf terminal
BP2(config)#router rip
BP2(config-router)#version 2
BP2(config-router)#network 192.168.20.0
BP2(config-router)#network 192.168.40.0
BP2(config-router)#exit
BP2(config)#exit
BP2#

BP3>enable
BP3#conf terminal
BP3(config)#router rip
BP3(config-router)#version 2
BP3(config-router)#network 192.168.30.0
BP3(config-router)#network 192.168.40.0
BP3(config-router)#exit
BP3(config)#exit
BP3#
```

13.
```
BP1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
BP1#

BP2#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
BP2#

BP3#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
BP3#

SBP1>enable
```

Password:
SBP1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
SBP1#