

CCNA2 – test č.1 – Router 12

Úloha č.1:

```
Router>enable
Router#configure terminal
Router(config)#hostname R_12
R_12(config)#interface fastEthernet0/1
R_12(config-if)#ip address 10.0.0.12 255.255.255.0
R_12(config-if)#no shutdown
R_12(config)#interface fastEthernet0/0
R_12(config-if)#no shutdown
R_12(config)#int f0/0.121
R_12(config-subif)#encapsulation dot1Q 121
R_12(config-subif)#ip address 200.12.1.1 255.255.255.0
R_12(config-subif)#exit
R_12(config)#router rip
R_12(config-router)#network 10.0.0.0
R_12(config-router)#network 200.12.1.0
R_12(config-router)#exit
```

Úloha č.2:

```
R_12(config)#int f0/0.122
R_12(config-subif)#encapsulation dot1Q 122
R_12(config-subif)#ip address 200.12.2.1 255.255.255.0
R_12(config-subif)#exit
R_12(config)#router rip
R_12(config-router)#network 200.12.2.0
R_12(config-router)#exit
R_12(config)#ip dhcp pool POOL_12
R_12(dhcp-config)#network 200.12.2.0 255.255.255.0
R_12(dhcp-config)#default-router 200.12.2.1
R_12(dhcp-config)#dns-server 8.8.8.8
R_12(dhcp-config)#exit
```

```
R_12(config)#ip dhcp excluded-address 200.12.2.1 200.12.2.4
```

Úloha č.3:

```
R_12(config)#int loopback 1
R_12(config-if)#ip address 200.12.3.5 255.255.255.0
R_12(config-if)#exit
R_12(config)#router ospf 1
R_12(config-router)#network 10.0.0.0 0.0.0.255 area 0
R_12(config-router)#network 200.12.3.0 0.0.0.255 area 0
R_12(config-router)#exit
```

Úloha č.4:

```
R_12(config)#ip nat inside source static 200.12.1.5 10.0.0.212
R_12(config)#interface fastEthernet0/1
R_12(config-if)#ip nat outside
R_12(config-if)#exit
R_12(config)#interface fastEthernet0/0.121
R_12(config-if)#ip nat inside
R_12(config-if)#exit
R_12(config)#interface fastEthernet0/0.122
R_12(config-if)#ip nat inside
R_12(config-if)#exit
```