

## CCNA2 – test č.2 – Router 1

### Úloha č.1:

```
Router>enable
Router#configure terminal
Router(config)#hostname R_1
R_1(config)#interface fastEthernet0/1
R_1(config-if)#ip address 172.16.0.1 255.255.255.0
R_1(config-if)#no shutdown
R_1(config)#interface fastEthernet0/0
R_1(config-if)#no shutdown
R_1(config)#int f0/0.13
R_1(config-subif)#encapsulation dot1Q 13
R_1(config-subif)#ip address 195.1.1.1 255.255.255.0
R_1(config-subif)#exit
R_1(config)#router ospf 1
R_1(config-router)#network 172.16.0.0 0.0.0.255 area 0
R_1(config-router)#network 195.1.1.0 0.0.0.255 area 0
R_1(config-router)#exit
```

### Úloha č.2:

```
R_1(config)#int f0/0.15
R_1(config-subif)#encapsulation dot1Q 15
R_1(config-subif)#ip address 195.1.2.1 255.255.255.0
R_1(config-subif)#exit
R_1(config)#router ospf 1
R_1(config-router)#network 195.1.2.0 0.0.0.255 area 0
R_1(config-router)#exit
R_1(config)#ip dhcp pool POOL_1
R_1(dhcp-config)#network 195.1.2.0 255.255.255.0
R_1(dhcp-config)#default-router 195.1.2.1
R_1(dhcp-config)#dns-server 8.8.8.8
R_1(dhcp-config)#exit
```

```
R_1(config)#ip dhcp excluded-address 195.1.2.1 195.1.2.7
```

### **Úloha č.3:**

```
R_1(config)#int loopback 1
R_1(config-if)#ip address 195.1.3.8 255.255.255.0
R_1(config-if)#exit
R_1(config)#router rip
R_1(config-router)#network 172.16.0.0
R_1(config-router)#network 195.1.3.0
```

### **Úloha č.4:**

```
R_1(config)#ip nat inside source static 195.1.1.5 172.16.0.21
R_1(config)#interface fastEthernet0/1
R_1(config-if)#ip nat outside
R_1(config-if)#exit
R_1(config)#interface fastEthernet0/0.13
R_1(config-if)#ip nat inside
R_1(config-if)#exit
R_1(config)#interface fastEthernet0/0.15
R_1(config-if)#ip nat inside
R_1(config-if)#exit
```