

15.4 Příloha č.4: Konfigurační soubor zařízení R4 z prostředí Cisco

Packet Tracer

```
!  
version 12.2  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
service password-encryption  
!  
hostname R4  
!  
!  
!  
enable secret 5 $1$mERr$40YJivYf0iX05rtq4zVx9/  
!  
!  
!  
!  
!  
aaa new-model  
!  
aaa authentication login SSH_AUTH group radius local  
!  
!  
!  
!  
!  
!
```

```
no ip cef
no ipv6 cef
!
!
!
!
!
!
!
!
!
!
ip domain-name example.com
!
!
!
!
class-map match-any VOICE
match ip dscp ef
!
policy-map QOS-POLICY
class VOICE
priority 1500
class class-default
fair-queue
!
```

```
interface Loopback0
description "pro spravu zarizeni"
ip address 172.20.75.5 255.255.255.255
!

interface GigabitEthernet0/0
description "linka do R5"
ip address 172.20.0.53 255.255.255.252
service-policy output QOS-POLICY
duplex auto
speed auto
!

interface GigabitEthernet1/0
description "linka do R3"
ip address 172.20.0.38 255.255.255.252
service-policy output QOS-POLICY
duplex auto
speed auto
!

interface GigabitEthernet2/0
description "linka do R6"
ip address 172.20.0.49 255.255.255.252
service-policy output QOS-POLICY
duplex auto
speed auto
!

interface GigabitEthernet3/0
description "linka do R2"
ip address 172.20.0.45 255.255.255.252
service-policy output QOS-POLICY
```

```
duplex auto
speed auto
!
interface GigabitEthernet4/0
description "linka do R1"
ip address 172.20.0.41 255.255.255.252
service-policy output QOS-POLICY
duplex auto
speed auto
!
interface GigabitEthernet5/0
description "linka do S1"
no ip address
duplex auto
speed auto
!
interface GigabitEthernet5/0.40
encapsulation dot1Q 40
ip address 172.20.40.4 255.255.255.0
ip helper-address 172.20.50.11
standby 10 ip 172.20.40.1
standby 10 preempt
!
interface GigabitEthernet5/0.60
encapsulation dot1Q 60
ip address 172.20.60.4 255.255.255.0
ip helper-address 172.20.50.11
standby 10 ip 172.20.60.1
standby 10 preempt
```

```
!  
interface GigabitEthernet5/0.70  
    encapsulation dot1Q 70  
    ip address 172.20.70.4 255.255.255.240  
    standby 10 ip 172.20.70.1  
    standby 10 preempt  
!  
interface GigabitEthernet6/0  
    description "linka do S3"  
    no ip address  
    duplex auto  
    speed auto  
!  
interface GigabitEthernet6/0.10  
    encapsulation dot1Q 10  
    ip address 172.20.10.4 255.255.255.0  
    ip helper-address 172.20.50.11  
    standby 10 ip 172.20.10.1  
    standby 10 priority 110  
    standby 10 preempt  
!  
interface GigabitEthernet6/0.11  
    encapsulation dot1Q 11  
    ip address 172.20.11.4 255.255.255.0  
    ip helper-address 172.20.50.11  
    standby 10 ip 172.20.11.1  
    standby 10 priority 110  
    standby 10 preempt  
!
```

```
interface GigabitEthernet6/0.61
encapsulation dot1Q 61
ip address 172.20.61.4 255.255.255.0
ip helper-address 172.20.50.11
standby 10 ip 172.20.61.1
standby 10 preempt
!

interface GigabitEthernet6/0.71
encapsulation dot1Q 71
ip address 172.20.71.4 255.255.255.240
standby 10 ip 172.20.71.1
standby 10 preempt
!

interface GigabitEthernet7/0
no ip address
duplex auto
speed auto
shutdown
!

interface GigabitEthernet8/0
description "linka do S5"
no ip address
duplex auto
speed auto
!

interface GigabitEthernet8/0.20
encapsulation dot1Q 20
ip address 172.20.20.4 255.255.255.0
ip helper-address 172.20.50.11
```

```
standby 10 ip 172.20.20.1
standby 10 priority 110
standby 10 preempt
!
interface GigabitEthernet8/0.21
encapsulation dot1Q 21
ip address 172.20.21.4 255.255.255.0
ip helper-address 172.20.50.11
standby 10 ip 172.20.21.1
standby 10 priority 110
standby 10 preempt
!
interface GigabitEthernet8/0.62
encapsulation dot1Q 62
ip address 172.20.62.4 255.255.255.0
ip helper-address 172.20.50.11
standby 10 ip 172.20.62.1
standby 10 preempt
!
interface GigabitEthernet8/0.72
encapsulation dot1Q 72
ip address 172.20.72.4 255.255.255.240
standby 10 ip 172.20.72.1
standby 10 preempt
!
interface GigabitEthernet9/0
no ip address
duplex auto
speed auto
```

```
shutdown
!
router ospf 1
  router-id 4.4.4.4
  log adjacency-changes
  passive-interface Loopback0
  passive-interface GigabitEthernet5/0.40
  passive-interface GigabitEthernet5/0.60
  passive-interface GigabitEthernet5/0.70
  passive-interface GigabitEthernet6/0.10
  passive-interface GigabitEthernet6/0.11
  passive-interface GigabitEthernet6/0.61
  passive-interface GigabitEthernet6/0.71
  passive-interface GigabitEthernet8/0.20
  passive-interface GigabitEthernet8/0.21
  passive-interface GigabitEthernet8/0.62
  passive-interface GigabitEthernet8/0.72
  network 172.20.75.5 0.0.0.0 area 0
  network 172.20.40.0 0.0.0.255 area 0
  network 172.20.60.0 0.0.0.255 area 0
  network 172.20.10.0 0.0.0.255 area 0
  network 172.20.11.0 0.0.0.255 area 0
  network 172.20.20.0 0.0.0.255 area 0
  network 172.20.21.0 0.0.0.255 area 0
  network 172.20.61.0 0.0.0.255 area 0
  network 172.20.62.0 0.0.0.255 area 0
  network 172.20.70.0 0.0.0.15 area 0
  network 172.20.71.0 0.0.0.15 area 0
  network 172.20.72.0 0.0.0.15 area 0
```

```
network 172.20.0.36 0.0.0.3 area 0
network 172.20.0.40 0.0.0.3 area 0
network 172.20.0.44 0.0.0.3 area 0
network 172.20.0.48 0.0.0.3 area 0
network 172.20.0.52 0.0.0.3 area 0
!
ip classless
!
ip flow-export version 9
!
!
!
!
banner motd $Prakticka cast bakalarske prace v prostredi Cisco Packet Tracer$
!
radius-server host 172.20.50.10 auth-port 1645 key HuXGa6
!
!
!
!
line con 0
password 7 08147E5D3E3B50
!
line aux 0
password 7 08147E5D3E3B50
!
line vty 0 4
login authentication SSH_AUTH
transport input ssh
!
```

!

!

end