

15.5 Příloha č.5: Konfigurační soubor zařízení R5 z prostředí Cisco Packet Tracer

```
!  
version 12.2  
no service timestamps log datetime msec  
no service timestamps debug datetime msec  
service password-encryption  
!  
hostname R5  
!  
!  
!  
enable secret 5 $1$mERr$40YJivYfOiXO5rtq4zVx9/  
!  
!  
!  
!  
!  
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 172.20.75.6 255.255.255.255
!
interface GigabitEthernet0/0
description "linka do R4"
ip address 172.20.0.54 255.255.255.252
service-policy output QOS-POLICY
duplex auto
speed auto
!
interface GigabitEthernet1/0
description "linka do R6"
ip address 172.20.0.65 255.255.255.252
service-policy output QOS-POLICY
duplex auto
speed auto
!
interface GigabitEthernet2/0
description "linka do R3"
ip address 172.20.0.34 255.255.255.252
service-policy output QOS-POLICY
duplex auto
speed auto
!
interface GigabitEthernet3/0
description "linka do R1"
ip address 172.20.0.57 255.255.255.252
service-policy output QOS-POLICY
```

duplex auto

speed auto

!

interface GigabitEthernet4/0

description "linka do R2"

ip address 172.20.0.61 255.255.255.252

service-policy output QOS-POLICY

duplex auto

speed auto

!

interface GigabitEthernet5/0

description "linka do S6"

no ip address

duplex auto

speed auto

!

interface GigabitEthernet5/0.30

encapsulation dot1Q 30

ip address 172.20.30.5 255.255.255.0

ip helper-address 172.20.50.11

standby 11 ip 172.20.30.1

standby 11 priority 110

standby 11 preempt

!

interface GigabitEthernet5/0.31

encapsulation dot1Q 31

ip address 172.20.31.5 255.255.255.0

ip helper-address 172.20.50.11

standby 11 ip 172.20.31.1

```
standby 11 priority 110
```

```
standby 11 preempt
```

```
!
```

```
interface GigabitEthernet5/0.63
```

```
encapsulation dot1Q 63
```

```
ip address 172.20.63.5 255.255.255.0
```

```
ip helper-address 172.20.50.11
```

```
standby 11 ip 172.20.63.1
```

```
standby 11 priority 110
```

```
standby 11 preempt
```

```
!
```

```
interface GigabitEthernet5/0.73
```

```
encapsulation dot1Q 73
```

```
ip address 172.20.73.5 255.255.255.240
```

```
standby 11 ip 172.20.73.1
```

```
standby 11 preempt
```

```
!
```

```
interface GigabitEthernet6/0
```

```
no ip address
```

```
duplex auto
```

```
speed auto
```

```
shutdown
```

```
!
```

```
interface GigabitEthernet7/0
```

```
description "linka do S8"
```

```
no ip address
```

```
duplex auto
```

```
speed auto
```

```
!
```

```
interface GigabitEthernet7/0.50
 encapsulation dot1Q 50
 ip address 172.20.50.5 255.255.255.0
 standby 11 ip 172.20.50.1
 standby 11 preempt
!
interface GigabitEthernet7/0.74
 encapsulation dot1Q 74
 ip address 172.20.74.5 255.255.255.240
 standby 11 ip 172.20.74.1
 standby 11 preempt
!
interface GigabitEthernet8/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface GigabitEthernet9/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
router ospf 1
 router-id 5.5.5.5
 log-adjacency-changes
 passive-interface Loopback0
 passive-interface GigabitEthernet5/0.30
```

passive-interface GigabitEthernet5/0.31

passive-interface GigabitEthernet5/0.63

passive-interface GigabitEthernet5/0.73

passive-interface GigabitEthernet7/0.50

passive-interface GigabitEthernet7/0.74

network 172.20.75.6 0.0.0.0 area 0

network 172.20.0.52 0.0.0.3 area 0

network 172.20.0.32 0.0.0.3 area 0

network 172.20.0.56 0.0.0.3 area 0

network 172.20.0.60 0.0.0.3 area 0

network 172.20.0.64 0.0.0.3 area 0

network 172.20.30.0 0.0.0.255 area 0

network 172.20.31.0 0.0.0.255 area 0

network 172.20.63.0 0.0.0.255 area 0

network 172.20.50.0 0.0.0.255 area 0

network 172.20.73.0 0.0.0.15 area 0

network 172.20.74.0 0.0.0.15 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