***Nagy Iskola***

**SW1:**

Current configuration : 4572 bytes

!

! Last configuration change at 22:32:40 UTC Thu Apr 27 2023

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname SW1

!

boot-start-marker

boot-end-marker

!

!

enable secret 5 $1$tprr$9H5PJN45c60G8MbOKHyk50

!

username admin privilege 15 secret 5 $1$18hl$Wh5dPdIVV4YSAXG5YVWl51

no aaa new-model

!

!

SW1#sh run

Building configuration...

Current configuration : 4572 bytes

!

! Last configuration change at 22:32:40 UTC Thu Apr 27 2023

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname SW1

!

boot-start-marker

boot-end-marker

!

!

enable secret 5 $1$tprr$9H5PJN45c60G8MbOKHyk50

!

username admin privilege 15 secret 5 $1$18hl$Wh5dPdIVV4YSAXG5YVWl51

no aaa new-model

!

!

!

!

!

!

!

!

ip domain-name ceg.hu

ip cef

no ipv6 cef

!

!

!

spanning-tree mode rapid-pvst

spanning-tree extend system-id

!

vlan internal allocation policy ascending

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Port-channel1

switchport trunk encapsulation dot1q

switchport mode trunk

!

interface Port-channel3

switchport trunk encapsulation dot1q

switchport mode trunk

!

interface GigabitEthernet0/0

media-type rj45

negotiation auto

!

interface GigabitEthernet0/1

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 1 mode on

!

interface GigabitEthernet0/2

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 1 mode on

!

interface GigabitEthernet0/3

media-type rj45

negotiation auto

!

interface GigabitEthernet1/0

switchport access vlan 10

switchport mode access

switchport port-security maximum 2

switchport port-security mac-address sticky

switchport port-security

media-type rj45

negotiation auto

!

interface GigabitEthernet1/1

switchport access vlan 40

switchport mode access

switchport port-security maximum 2

switchport port-security mac-address sticky

switchport port-security

media-type rj45

negotiation auto

!

interface GigabitEthernet1/2

media-type rj45

negotiation auto

!

interface GigabitEthernet1/3

media-type rj45

negotiation auto

!

interface GigabitEthernet2/0

media-type rj45

negotiation auto

!

interface GigabitEthernet2/1

media-type rj45

negotiation auto

!

interface GigabitEthernet2/2

media-type rj45

negotiation auto

!

interface GigabitEthernet2/3

media-type rj45

negotiation auto

!

interface GigabitEthernet3/0

media-type rj45

negotiation auto

!

interface GigabitEthernet3/1

media-type rj45

negotiation auto

!

interface GigabitEthernet3/2

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 3 mode on

!

interface GigabitEthernet3/3

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 3 mode on

!

ip default-gateway 192.168.1.1

ip forward-protocol nd

!

no ip http server

no ip http secure-server

!

!

!

!

!

!

control-plane

!

banner exec ^C

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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banner incoming ^C

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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banner login ^C

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!

line con 0

line aux 0

line vty 0 4

password admin

login

transport input ssh

line vty 5 15

login

!

!

end

**R1:**

!

!

version 12.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R1

!

boot-start-marker

boot-end-marker

!

enable secret 5 $1$Tap3$1zpbk28WYB2J/Fn.DkwIb0

enable password admin

!

no aaa new-model

memory-size iomem 5

no ip icmp rate-limit unreachable

ip cef

!

!

!

!

no ip domain lookup

ip auth-proxy max-nodata-conns 3

ip admission max-nodata-conns 3

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

username admin privilege 15 secret 5 $1$auu6$gEIWVwIzAiQQpArqxSafF0

!

!

ip tcp synwait-time 5

!

!

!

!

!

interface FastEthernet0/0

ip address 192.168.1.5 255.255.255.0

ip nat inside

ip virtual-reassembly

duplex auto

speed auto

!

interface Serial0/0

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet0/1

no ip address

shutdown

duplex auto

speed auto

!

interface Serial0/1

no ip address

shutdown

clock rate 2000000

!

interface Serial0/2

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet1/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial2/0

ip address 210.100.100.2 255.255.255.0

ip nat outside

ip virtual-reassembly

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 10

router-id 1.1.1.1

log-adjacency-changes

passive-interface FastEthernet0/0

network 192.168.10.0 0.0.0.255 area 0

network 192.168.20.0 0.0.0.255 area 0

network 192.168.30.0 0.0.0.255 area 0

network 192.168.40.0 0.0.0.255 area 0

network 192.168.50.0 0.0.0.255 area 0

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source list 1 interface Serial2/0 overload

!

access-list 1 permit 192.168.10.0 0.0.0.255

access-list 1 permit 192.168.20.0 0.0.0.255

access-list 1 permit 192.168.30.0 0.0.0.255

access-list 1 permit 192.168.40.0 0.0.0.255

access-list 1 permit 192.168.50.0 0.0.0.255

no cdp log mismatch duplex

!

!

!

control-plane

!

!

!

!

!

!

!

!

!

!

line con 0

exec-timeout 0 0

privilege level 15

password admin

logging synchronous

login

line aux 0

exec-timeout 0 0

privilege level 15

logging synchronous

line vty 0 4

login

!

!

end

**Layer:**

Current configuration : 4878 bytes

!

! Last configuration change at 22:51:41 UTC Thu Apr 27 2023

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname Layer

!

boot-start-marker

boot-end-marker

!

!

!

no aaa new-model

!

!

!

!

!

!

!

!

ip domain-name ceg.hu

ip cef

no ipv6 cef

!

!

!

spanning-tree mode rapid-pvst

spanning-tree extend system-id

!

vlan internal allocation policy ascending

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Port-channel2

switchport trunk encapsulation dot1q

switchport mode trunk

!

interface Port-channel1

switchport trunk encapsulation dot1q

switchport mode trunk

!

interface GigabitEthernet0/0

media-type rj45

negotiation auto

!

interface GigabitEthernet0/1

switchport trunk allowed vlan 10,20,30,40,50,129

switchport trunk native vlan 129

switchport port-security maximum 2

switchport port-security mac-address sticky

media-type rj45

negotiation auto

!

interface GigabitEthernet0/2

switchport access vlan 50

switchport mode access

switchport nonegotiate

switchport port-security maximum 2

switchport port-security mac-address sticky

switchport port-security

media-type rj45

negotiation auto

!

interface GigabitEthernet0/3

media-type rj45

negotiation auto

!

interface GigabitEthernet1/0

media-type rj45

negotiation auto

!

interface GigabitEthernet1/1

media-type rj45

negotiation auto

!

interface GigabitEthernet1/2

media-type rj45

negotiation auto

!

interface GigabitEthernet1/3

media-type rj45

negotiation auto

!

interface GigabitEthernet2/0

media-type rj45

negotiation auto

!

interface GigabitEthernet2/1

media-type rj45

negotiation auto

!

interface GigabitEthernet2/2

media-type rj45

negotiation auto

!

interface GigabitEthernet2/3

media-type rj45

negotiation auto

!

interface GigabitEthernet3/0

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 2 mode on

!

interface GigabitEthernet3/1

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 2 mode on

!

interface GigabitEthernet3/2

no switchport

no ip address

negotiation auto

!

interface GigabitEthernet3/3

no switchport

no ip address

negotiation auto

!

interface Vlan10

ip address 192.168.10.1 255.255.255.0

ip helper-address 192.168.50.2

!

interface Vlan20

ip address 192.168.20.1 255.255.255.0

ip helper-address 192.168.50.2

!

interface Vlan30

ip address 192.168.30.1 255.255.255.0

ip helper-address 192.168.50.2

!

interface Vlan40

ip address 192.168.40.1 255.255.255.0

ip helper-address 192.168.50.2

!

interface Vlan50

ip address 192.168.50.1 255.255.255.0

shutdown

!

interface Vlan60

ip address 192.168.60.1 255.255.255.0

ip helper-address 192.168.50.2

!

interface Vlan129

ip address 192.168.72.1 255.255.255.0

shutdown

!

ip default-gateway 192.168.1.1

ip forward-protocol nd

!

no ip http server

no ip http secure-server

!

!

!

!

!

!

control-plane

!

banner exec ^C

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banner incoming ^C

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banner login ^C

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!

line con 0

line aux 0

line vty 0 4

login

!

!

end

**ISP:**

!

!

!

!

!

!

!

!

!

version 12.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname ISP

!

boot-start-marker

boot-end-marker

!

!

no aaa new-model

memory-size iomem 5

no ip icmp rate-limit unreachable

ip cef

!

!

!

!

no ip domain lookup

ip auth-proxy max-nodata-conns 3

ip admission max-nodata-conns 3

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

ip tcp synwait-time 5

!

!

!

!

!

interface FastEthernet0/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial0/0

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet0/1

no ip address

shutdown

duplex auto

speed auto

!

interface Serial0/1

no ip address

shutdown

clock rate 2000000

!

interface Serial0/2

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet1/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial2/0

ip address 210.100.100.1 255.255.255.0

serial restart-delay 0

clock rate 64000

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

clock rate 64000

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

no cdp log mismatch duplex

!

!

!

control-plane

!

!

!

!

!

!

!

!

!

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

logging synchronous

line vty 0 4

login

!

!

end

**SW2:**

Current configuration : 4393 bytes

!

! Last configuration change at 22:32:40 UTC Thu Apr 27 2023

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname SW2

!

boot-start-marker

boot-end-marker

!

!

enable secret 5 $1$a9Cc$4NP4Oow9/zwSo1/LA4VDr.

!

username admin privilege 15 secret 5 $1$u0J6$UltFzA6IyA0AIy98SThBf1

no aaa new-model

!

!

!

!

!

!

!

!

ip domain-name ceg.hu

ip cef

no ipv6 cef

!

!

!

spanning-tree mode rapid-pvst

spanning-tree extend system-id

!

vlan internal allocation policy ascending

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Port-channel2

switchport trunk encapsulation dot1q

switchport mode trunk

!

interface Port-channel3

switchport trunk encapsulation dot1q

switchport mode trunk

!

interface GigabitEthernet0/0

switchport access vlan 10

switchport mode access

switchport port-security maximum 2

switchport port-security mac-address sticky

switchport port-security

media-type rj45

negotiation auto

!

interface GigabitEthernet0/1

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 2 mode on

!

interface GigabitEthernet0/2

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 2 mode on

!

interface GigabitEthernet0/3

media-type rj45

negotiation auto

!

interface GigabitEthernet1/0

media-type rj45

negotiation auto

!

interface GigabitEthernet1/1

media-type rj45

negotiation auto

!

interface GigabitEthernet1/2

media-type rj45

negotiation auto

!

interface GigabitEthernet1/3

media-type rj45

negotiation auto

!

interface GigabitEthernet2/0

media-type rj45

negotiation auto

!

interface GigabitEthernet2/1

media-type rj45

negotiation auto

!

interface GigabitEthernet2/2

media-type rj45

negotiation auto

!

interface GigabitEthernet2/3

media-type rj45

negotiation auto

!

interface GigabitEthernet3/0

media-type rj45

negotiation auto

!

interface GigabitEthernet3/1

media-type rj45

negotiation auto

!

interface GigabitEthernet3/2

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 3 mode on

!

interface GigabitEthernet3/3

switchport trunk encapsulation dot1q

switchport mode trunk

media-type rj45

negotiation auto

channel-group 3 mode on

!

ip default-gateway 192.168.1.1

ip forward-protocol nd

!

no ip http server

no ip http secure-server

!

!

!

!

!

!

control-plane

!

banner exec ^C

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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banner incoming ^C

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banner login ^C

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!

line con 0

line aux 0

line vty 0 4

password admin

login

transport input ssh

!

!

end

**Kollégium**

**ISP:**

!

!

!

!

!

version 12.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname ISP

!

boot-start-marker

boot-end-marker

!

!

no aaa new-model

memory-size iomem 5

no ip icmp rate-limit unreachable

ip cef

!

!

!

!

no ip domain lookup

ip auth-proxy max-nodata-conns 3

ip admission max-nodata-conns 3

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

ip tcp synwait-time 5

!

!

!

!

!

interface FastEthernet0/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial0/0

ip address 210.100.100.1 255.255.255.0

ip virtual-reassembly

serial restart-delay 0

clock rate 2000000

!

interface FastEthernet0/1

no ip address

shutdown

duplex auto

speed auto

!

interface Serial0/1

no ip address

shutdown

clock rate 2000000

!

interface Serial0/2

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet1/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial2/0

ip address 209.100.100.1 255.255.255.0

ip virtual-reassembly

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

interface FastEthernet3/0

!

interface FastEthernet3/1

!

interface FastEthernet3/2

!

interface FastEthernet3/3

!

interface FastEthernet3/4

!

interface FastEthernet3/5

!

interface FastEthernet3/6

!

interface FastEthernet3/7

!

interface FastEthernet3/8

!

interface FastEthernet3/9

!

interface FastEthernet3/10

!

interface FastEthernet3/11

!

interface FastEthernet3/12

!

interface FastEthernet3/13

!

interface FastEthernet3/14

!

interface FastEthernet3/15

!

interface Vlan1

no ip address

!

ip forward-protocol nd

ip route 0.0.0.0 0.0.0.0 209.100.100.2

!

!

no ip http server

no ip http secure-server

!

no cdp log mismatch duplex

!

!

!

control-plane

!

!

!

!

!

!

!

!

!

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

logging synchronous

line vty 0 4

login

!

!

end

**SW1:**

Current configuration : 3939 bytes

!

! Last configuration change at 20:19:03 UTC Wed May 3 2023

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname sw1

!

boot-start-marker

boot-end-marker

!

!

!

no aaa new-model

!

!

!

!

!

!

!

!

ip cef

no ipv6 cef

!

!

!

spanning-tree mode rapid-pvst

spanning-tree extend system-id

!

vlan internal allocation policy ascending

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface GigabitEthernet0/0

switchport trunk allowed vlan 10,20,30,40,129

switchport trunk encapsulation dot1q

switchport trunk native vlan 129

switchport mode trunk

media-type rj45

negotiation auto

!

interface GigabitEthernet0/1

switchport access vlan 10

switchport mode access

media-type rj45

negotiation auto

!

interface GigabitEthernet0/2

switchport access vlan 40

switchport mode access

media-type rj45

negotiation auto

!

interface GigabitEthernet0/3

media-type rj45

negotiation auto

!

interface GigabitEthernet1/0

media-type rj45

negotiation auto

!

interface GigabitEthernet1/1

switchport access vlan 10

switchport mode access

media-type rj45

negotiation auto

!

interface GigabitEthernet1/2

switchport access vlan 20

switchport mode access

media-type rj45

negotiation auto

!

interface GigabitEthernet1/3

media-type rj45

negotiation auto

!

interface GigabitEthernet2/0

switchport access vlan 20

switchport mode access

media-type rj45

negotiation auto

!

interface GigabitEthernet2/1

media-type rj45

negotiation auto

!

interface GigabitEthernet2/2

media-type rj45

negotiation auto

!

interface GigabitEthernet2/3

media-type rj45

negotiation auto

!

interface GigabitEthernet3/0

media-type rj45

negotiation auto

!

interface GigabitEthernet3/1

media-type rj45

negotiation auto

!

interface GigabitEthernet3/2

media-type rj45

negotiation auto

!

interface GigabitEthernet3/3

media-type rj45

negotiation auto

!

ip default-gateway 192.168.1.1

ip forward-protocol nd

!

no ip http server

no ip http secure-server

!

!

!

!

!

!

control-plane

!

banner exec ^C

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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banner incoming ^C

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banner login ^C

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!

line con 0

line aux 0

line vty 0 4

login

!

!

end

**R1:**

!

!

!

!

!

version 12.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R1

!

boot-start-marker

boot-end-marker

!

!

no aaa new-model

memory-size iomem 5

no ip icmp rate-limit unreachable

ip cef

!

!

no ip dhcp use vrf connected

ip dhcp excluded-address 192.168.10.1 192.168.10.20

ip dhcp excluded-address 192.168.20.1 192.168.20.20

ip dhcp excluded-address 192.168.30.1 192.168.30.20

!

ip dhcp pool gepterem

network 192.168.10.0 255.255.255.0

dns-server 8.8.8.8

default-router 192.168.10.1

domain-name iskola.hu

!

ip dhcp pool konyvtar

network 192.168.20.0 255.255.255.0

default-router 192.168.20.1

dns-server 8.8.8.8

domain-name iskola.hu

!

ip dhcp pool wifi

network 192.168.30.0 255.255.255.0

dns-server 8.8.8.8

default-router 192.168.30.1

domain-name iskola.hu

!

!

no ip domain lookup

ip auth-proxy max-nodata-conns 3

ip admission max-nodata-conns 3

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

ip tcp synwait-time 5

!

!

!

!

!

interface FastEthernet0/0

ip address 192.168.1.5 255.255.255.0

ip helper-address 192.168.40.2

ip nat inside

ip virtual-reassembly

duplex auto

speed auto

!

interface FastEthernet0/0.10

encapsulation dot1Q 10

ip address 192.168.10.1 255.255.255.0

ip helper-address 192.168.40.2

ip nat inside

ip virtual-reassembly

!

interface FastEthernet0/0.20

encapsulation dot1Q 20

ip address 192.168.20.1 255.255.255.0

ip helper-address 192.168.40.2

ip nat inside

ip virtual-reassembly

!

interface FastEthernet0/0.30

encapsulation dot1Q 30

ip address 192.168.30.1 255.255.255.0

ip helper-address 192.168.40.2

ip nat inside

ip virtual-reassembly

!

interface FastEthernet0/0.40

encapsulation dot1Q 40

ip address 192.168.40.1 255.255.255.0

!

interface FastEthernet0/0.129

encapsulation dot1Q 129

ip address 192.168.72.1 255.255.255.0

!

interface Serial0/0

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet0/1

no ip address

shutdown

duplex auto

speed auto

!

interface Serial0/1

no ip address

shutdown

clock rate 2000000

!

interface Serial0/2

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet1/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial2/0

ip address 209.100.100.2 255.255.255.0

ip nat outside

ip virtual-reassembly

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

router ospf 10

router-id 1.1.1.1

log-adjacency-changes

network 192.168.1.0 0.0.0.255 area 0

network 192.168.10.0 0.0.0.255 area 0

network 192.168.20.0 0.0.0.255 area 0

network 192.168.30.0 0.0.0.255 area 0

network 192.168.40.0 0.0.0.255 area 0

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

ip nat inside source list 1 interface Serial2/0 overload

!

access-list 1 permit 192.168.10.0 0.0.0.255

access-list 1 permit 192.168.20.0 0.0.0.255

access-list 1 permit 192.168.30.0 0.0.0.255

access-list 1 permit 192.168.40.0 0.0.0.255

access-list 1 permit 192.168.1.0 0.0.0.255

no cdp log mismatch duplex

!

!

!

control-plane

!

!

!

!

!

!

!

!

!

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

logging synchronous

line vty 0 4

login

!

!

end

***Kis Iskola***

***ISP:***

shutdown

duplex auto

speed auto

!

interface Serial0/0

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet0/1

no ip address

shutdown

duplex auto

speed auto

!

interface Serial0/1

no ip address

shutdown

clock rate 2000000

!

interface Serial0/2

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet1/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial2/0

ip address 211.100.100.1 255.255.255.0

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

ip forward-protocol nd

ip route 0.0.0.0 0.0.0.0 211.100.100.2

!

!

no ip http server

no ip http secure-server

!

no cdp log mismatch duplex

!

!

!

control-plane

!

!

!

!

!

!

!

!

!

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

logging synchronous

line vty 0 4

login

!

!

end

***SW1:***

Current configuration : 3538 bytes

!

! Last configuration change at 22:09:27 UTC Wed May 3 2023

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname Switch

!

boot-start-marker

boot-end-marker

!

!

!

no aaa new-model

!

!

!

!

!

!

!

!

ip cef

no ipv6 cef

!

!

!

spanning-tree mode rapid-pvst

spanning-tree extend system-id

!

vlan internal allocation policy ascending

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface GigabitEthernet0/0

media-type rj45

negotiation auto

!

interface GigabitEthernet0/1

media-type rj45

negotiation auto

!

interface GigabitEthernet0/2

media-type rj45

negotiation auto

!

interface GigabitEthernet0/3

media-type rj45

negotiation auto

!

interface GigabitEthernet1/0

media-type rj45

negotiation auto

!

interface GigabitEthernet1/1

media-type rj45

negotiation auto

!

interface GigabitEthernet1/2

media-type rj45

negotiation auto

!

interface GigabitEthernet1/3

media-type rj45

negotiation auto

!

interface GigabitEthernet2/0

media-type rj45

negotiation auto

!

interface GigabitEthernet2/1

media-type rj45

negotiation auto

!

interface GigabitEthernet2/2

media-type rj45

negotiation auto

!

interface GigabitEthernet2/3

media-type rj45

negotiation auto

!

interface GigabitEthernet3/0

media-type rj45

negotiation auto

!

interface GigabitEthernet3/1

media-type rj45

negotiation auto

!

interface GigabitEthernet3/2

media-type rj45

negotiation auto

!

interface GigabitEthernet3/3

media-type rj45

negotiation auto

!

ip default-gateway 192.168.1.1

ip forward-protocol nd

!

no ip http server

no ip http secure-server

!

!

!

!

!

!

control-plane

!

banner exec ^C

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banner incoming ^C

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banner login ^C

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!

line con 0

line aux 0

line vty 0 4

!

!

end

***R1:***

!

!

version 12.4

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

!

hostname R1

!

boot-start-marker

boot-end-marker

!

!

no aaa new-model

memory-size iomem 5

no ip icmp rate-limit unreachable

ip cef

!

!

!

!

no ip domain lookup

ip auth-proxy max-nodata-conns 3

ip admission max-nodata-conns 3

!

ipv6 unicast-routing

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

ip tcp synwait-time 5

!

!

!

!

!

interface FastEthernet0/0

ip address 192.168.10.1 255.255.255.0

ip nat inside

ip virtual-reassembly

duplex auto

speed auto

ipv6 address 2001:DB8:AAAA:B::1/64

ipv6 address FE80::1 link-local

ipv6 traffic-filter ipv6\_acl in

ipv6 nat

!

interface Serial0/0

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet0/1

no ip address

duplex auto

speed auto

ipv6 address 2001:DB8:AAAA:A::1/64

ipv6 address FE80::1 link-local

ipv6 traffic-filter ipv6\_acl in

ipv6 nat

!

interface Serial0/1

no ip address

shutdown

clock rate 2000000

!

interface Serial0/2

no ip address

shutdown

clock rate 2000000

!

interface FastEthernet1/0

no ip address

shutdown

duplex auto

speed auto

!

interface Serial2/0

ip address 211.100.100.2 255.255.255.0

ip nat outside

ip virtual-reassembly

serial restart-delay 0

!

interface Serial2/1

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/2

no ip address

shutdown

serial restart-delay 0

!

interface Serial2/3

no ip address

shutdown

serial restart-delay 0

!

ip forward-protocol nd

!

!

no ip http server

no ip http secure-server

!

no cdp log mismatch duplex

!

!

!

ipv6 access-list ipv6\_acl

permit tcp any any

permit udp any any

permit ipv6 any any

!

control-plane

!

!

!

!

!

!

!

!

!

!

line con 0

exec-timeout 0 0

privilege level 15

logging synchronous

line aux 0

exec-timeout 0 0

privilege level 15

logging synchronous

line vty 0 4

login

!

!

end

***Sw2:***

Current configuration : 3538 bytes

!

! Last configuration change at 22:09:27 UTC Wed May 3 2023

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname Switch

!

boot-start-marker

boot-end-marker

!

!

!

no aaa new-model

!

!

!

!

!

!

!

!

ip cef

no ipv6 cef

!

!

!

spanning-tree mode rapid-pvst

spanning-tree extend system-id

!

vlan internal allocation policy ascending

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface GigabitEthernet0/0

media-type rj45

negotiation auto

!

interface GigabitEthernet0/1

media-type rj45

negotiation auto

!

interface GigabitEthernet0/2

media-type rj45

negotiation auto

!

interface GigabitEthernet0/3

media-type rj45

negotiation auto

!

interface GigabitEthernet1/0

media-type rj45

negotiation auto

!

interface GigabitEthernet1/1

media-type rj45

negotiation auto

!

interface GigabitEthernet1/2

media-type rj45

negotiation auto

!

interface GigabitEthernet1/3

media-type rj45

negotiation auto

!

interface GigabitEthernet2/0

media-type rj45

negotiation auto

!

interface GigabitEthernet2/1

media-type rj45

negotiation auto

!

interface GigabitEthernet2/2

media-type rj45

negotiation auto

!

interface GigabitEthernet2/3

media-type rj45

negotiation auto

!

interface GigabitEthernet3/0

media-type rj45

negotiation auto

!

interface GigabitEthernet3/1

media-type rj45

negotiation auto

!

interface GigabitEthernet3/2

media-type rj45

negotiation auto

!

interface GigabitEthernet3/3

media-type rj45

negotiation auto

!

ip default-gateway 192.168.1.1

ip forward-protocol nd

!

no ip http server

no ip http secure-server

!

!

!

!

!

!

control-plane

!

banner exec ^C

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banner incoming ^C

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banner login ^C

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!

line con 0

line aux 0

line vty 0 4

!

!

end