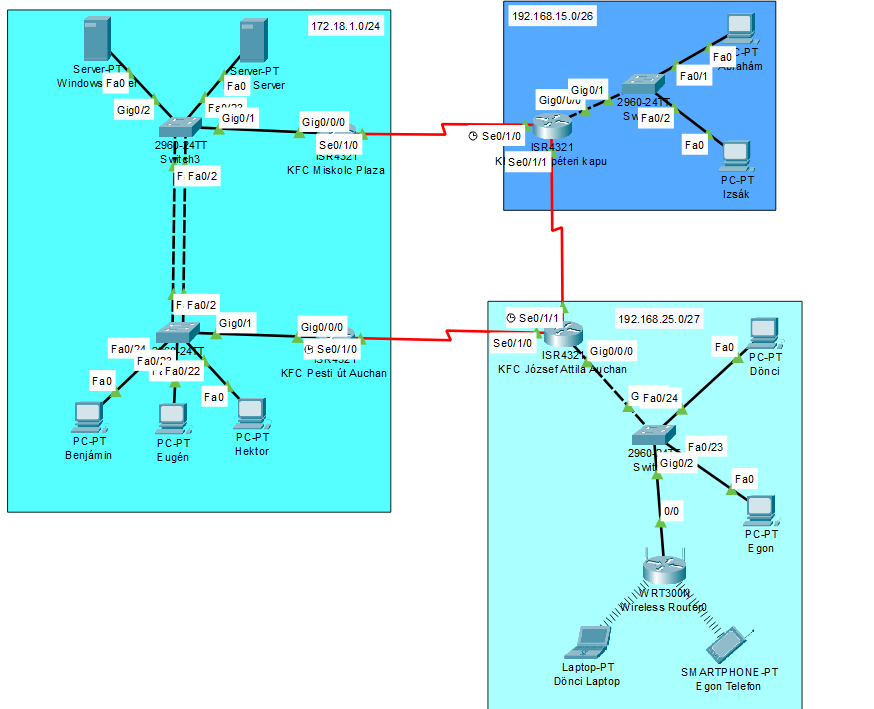
KFC VIZSGAELEMEK

Topológia:

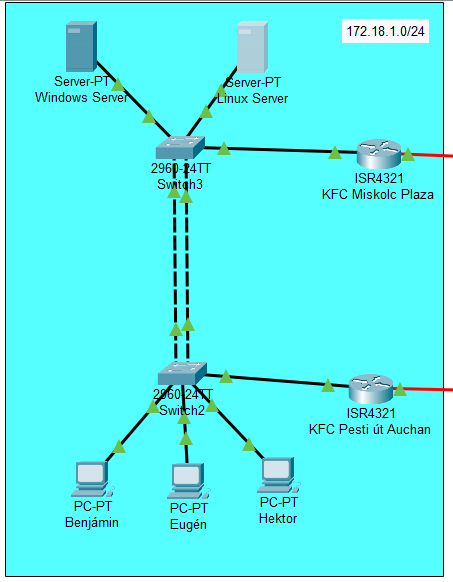


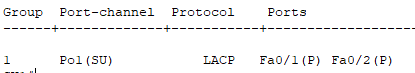
IP cím táblázat:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Név | Port azonosító | IP | Maszk | Gateway |
|  | Serial0/1/0 | 10.10.10.10 | /28  255.255.255.240 |  |
|  | Gig0/0/0.35 | 172.18.1.2 | /26  255.255.255.192 |  |
| KFC Miskolc pláza | Gig0/0/0.45 | 172.18.1.66 | /27  255.255.255.224 |  |
|  | Gig0/0/0.55 | 172.18.1.98 | /27  255.255.255.224 |  |
|  | Serial0/1/0 | 10.10.10.20 | /28  255.255.255.240 |  |
|  | Gig0/0/0.35 | 172.18.1.3 | /26  255.255.255.192 |  |
| KFC Pesti út Auchan | Gig0/0/0.45 | 172.18.1.67 | /27  255.255.255.224 |  |
|  | Gig0/0/0.55 | 172.18.1.99 | /27  255.255.255.224 |  |
| KFC Szentpéteri kapu | Gig0/0/0 | 192.168.15.1 | /28  255.255.255. 240 |  |
|  | Serial0/1/0 | 10.10.10.11 | /28  255.255.255. 240 |  |
|  | Serial0/1/1 | 20.20.20.1 | /28  255.255.255. 240 |  |
| KFC József Attila Auchan | Serial0/1/0 | 10.10.10.21 | /28  255.255.255.240 |  |
|  | Serial0/1/1 | 20.20.20.2 | /28  255.255.255.240 |  |
|  | Gig0/0/0 | 192.168.25.1 | /27  255.255.255.224 |  |
| Windows Server | Fa0 | 172.18.1.62 | /28  255.255.255.240 |  |
| Linux Server | Fa0 | 172.18.1.94 | /27  255.255.255.224 |  |
| Benjámin  PC | Fa0 | DHCP | DHCP | 172.18.1.1 |
| Eugén  PC | Fa0 | DHCP | DHCP | 172.18.1.65 |
| Hektor  PC | Fa0 | DHCP | DHCP | 172.18.1.97 |
| Egon  PC | Fa0 | DHCP | DHCP | 192.168.25.1 |
| Dönci  PC | Fa0 | DHCP | DHCP | 192.168.25.1 |
| Izsák  PC | Fa0 | DHCP | DHCP | 192.168.15.1 |
| Ábrahám  PC | Fa0 | DHCP | DHCP | 192.168.15.1 |
| Egon  Telefon | Fa0 | DHCP | DHCP | 192.168.35.1 |
| Dönci  Laptop | Fa0 | DHCP | DHCP | 192.168.35.1 |

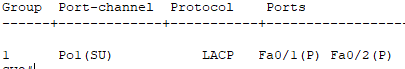
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| IPv6 Táblázat | | | | |
| Név | Port azonosító | IP | Maszk | Gateway |
| KFC Miskolc plaza | Gig0/0/0.35 | 2001:db8:acad:35::1 | /64 | fe80::35 |
| Gig0/0/0.45 | 2001:db8:acad:45::1 | /64 | fe80::45 |
| Gig0/0/0.55 | 2001:db8:acad:55::1 | /64 | fe80::55 |
| KFC Pesti út Auchan | Gig0/0/0.35 | 2001:db8:acad:35::1 | /64 | fe80::35 |
| Gig0/0/0.45 | 2001:db8:acad:45::1 | /64 | fe80::45 |
| Gig0/0/0.55 | 2001:db8:acad:55::1 | /64 | fe80::55 |
| KFC Szent Péteri kapu | Gig0/0/0 | 2001:db8:acad::1 | /64 | fe80::35 |
| KFC József Attila Auchan | Gig0/0/0 | 2001:db8:acad::1 | /64 | fe80::35 |
| Benjámin | Fa0 | SLAAC | | |
| Eugén | Fa0 |
| Hektor | Fa0 |
| Ábrahám | Fa0 |
| Izsák | Fa0 |
| Dönci | Fa0 |
| Egon | Fa0 |
| Dönci Laptop | Fa0 |
| Egon Telefon | Fa0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Etherchannel tábla | | | | | |
|  | | Csoport | Mód | Protokoll | Port |
| Eszközök | Switch3 | 1 | Active | LACP | Fa0/1, Fa0/2 |
| Switch2 | 1 | Passive | LACP | Fa0/1, Fa0/2 |





LACP Etherchannelt alakítottunk ki



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| HSRP Tábla | | | | | | |
| Eszköz | Port | Csoport | Prioritás | Státusz | Készenlét IP | Virtuális IP |
| KFC Miskolc Pláza | Gig0/0/0.35 | 35 | 120 | Aktív | 172.18.1.3 | 172.18.1.1 |
| Gig0/0/0.45 | 45 | 120 | Aktív | 172.18.1.67 | 172.18.1.65 |
| Gig0/0/0.55 | 55 | 120 | Aktív | 172.18.1.99 | 172.18.1.97 |
| KFC Pesti út Auchan | Gig0/0/0.35 | 35 | 110 | Készenlét | Helyi | 172.18.1.1 |
| Gig0/0/0.45 | 45 | 110 | Készenlét | 172.18.1.65 |
| Gig0/0/0.55 | 55 | 110 | Készenlét | 172.18.1.97 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| VLAN Tábla | | | | |
| Eszköz | VLAN Azonosító | VLAN Neve | Portok | Hálózat |
| KFC Miskolc Pláza | 35 | VLAN35 | Gig0/0/0.35 | 172.18.1.0/24 |
| 45 | VLAN45 | Gig0/0/0.45 | 172.18.1.64/27 |
| 55 | VLAN55 | Gig0/0/0.55 | 172.18.1.96/27 |
| KFC Pesti út Auchan | 35 | VLAN35 | Gig0/0/0.35 | 172.18.1.0/24 |
| 45 | VLAN45 | Gig0/0/0.45 | 172.18.1.64/27 |
| 55 | VLAN55 | Gig0/0/0.55 | 172.18.1.96/27 |
| Benjámin PC | 35 | VLAN35 | Fa0 | 172.18.1.0/24 |
| Eugén PC | 45 | VLAN45 | 172.18.1.64/27 |
| Hektor PC | 55 | VLAN55 | 172.18.1.96/27 |
| Izsák PC |  | | 192.168.15.0/26 |
| Ábrahám PC | 192.168.15.0/26 |
| Dönci PC | 192.168.25.0/26 |
| Eugén PC | 192.168.25.0/26 |
| Dönci Laptop | 192.168.25.0/26 |
| Egon Telefon | 192.168.25.0/26 |
| Windows Szerver | 35 | VLAN35 | 172.18.1.0/24 |
| Linux Szerver | 45 | VLAN45 | 172.18.1.64/27 |
| Switch2 | 35 | VLAN35 | Fa0/24 |  |
| 45 | VLAN45 | Fa0/23 |
| 55 | VLAN55 | Fa0/22 |
| Switch3 | 35 | VLAN35 | Fa0/24 |
| 45 | VLAN45 | Fa0/23 |
| 55 | VLAN55 | Fa0/22 |

SSH:

Domain: kfc.hu

user: admin secret: admin

jelszavak:

sima: cisco

secret: class

console: cisco

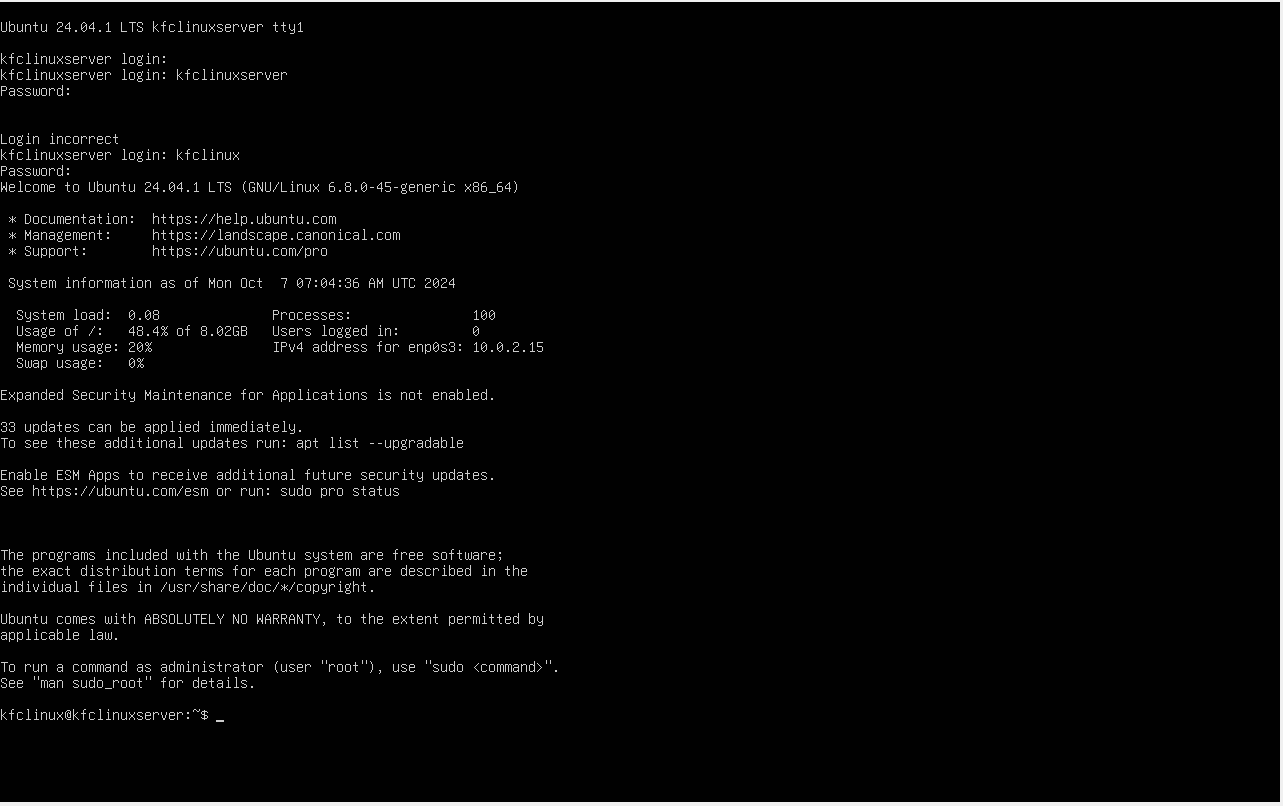
telnet: cisco

WIFI Jelszó: PipiHusika

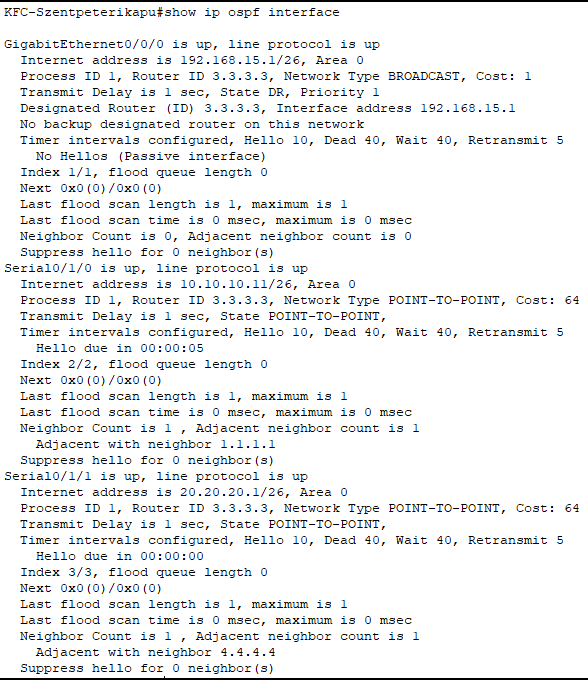
Nap üzenete:

WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.

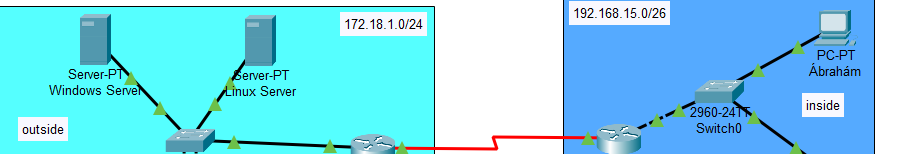
KFC Linux server:

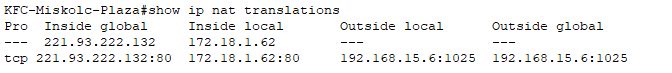


KFC Linux server elindítása

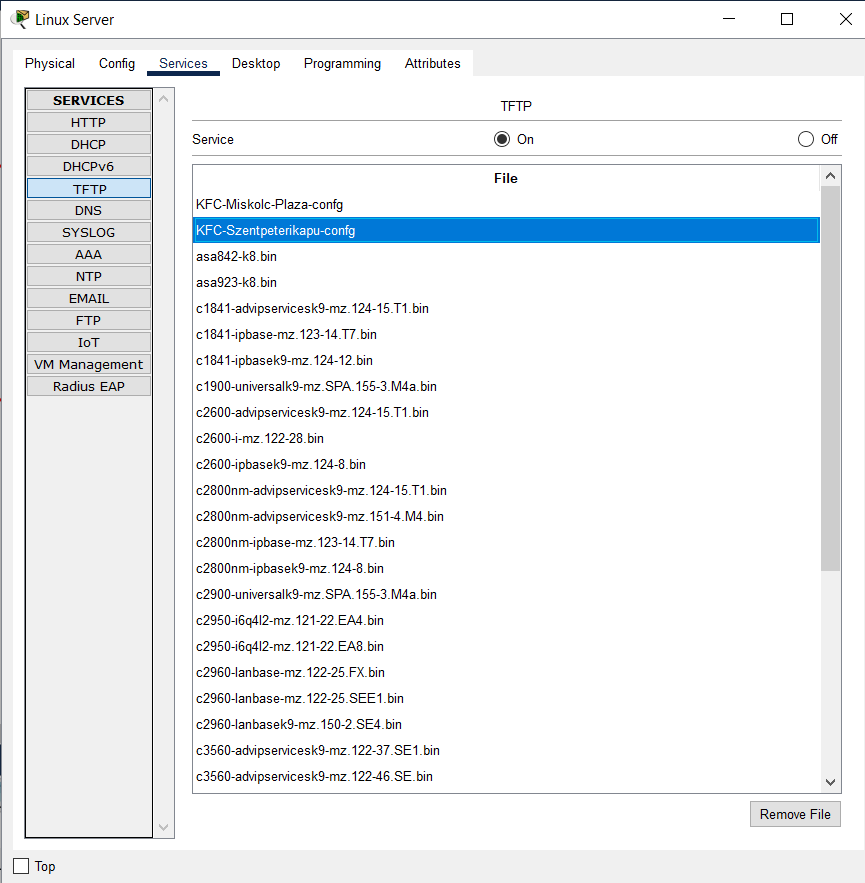
OSPF:

NAT:

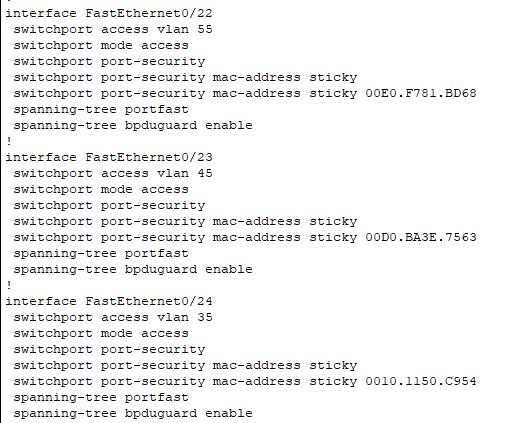


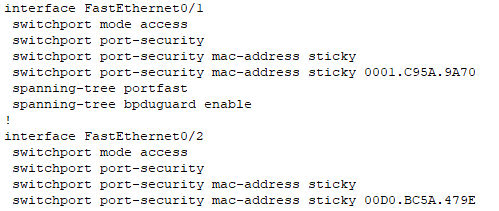
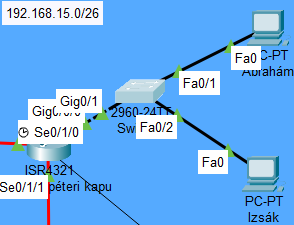
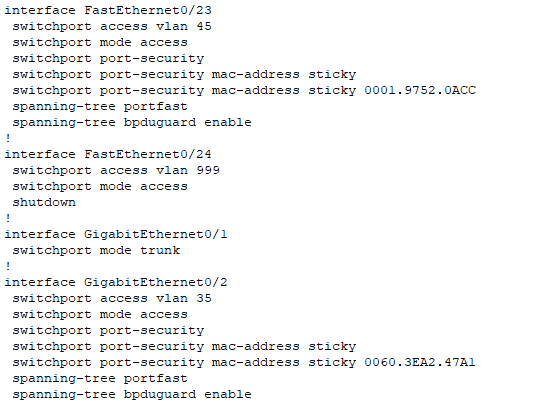
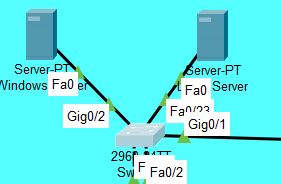
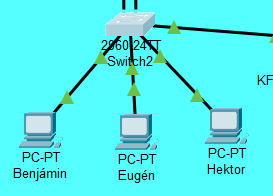


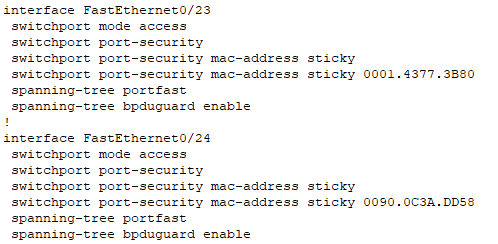
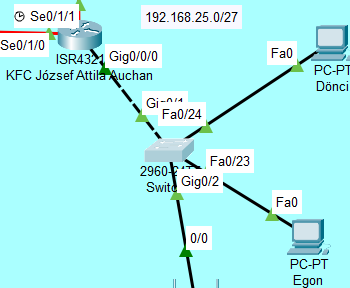
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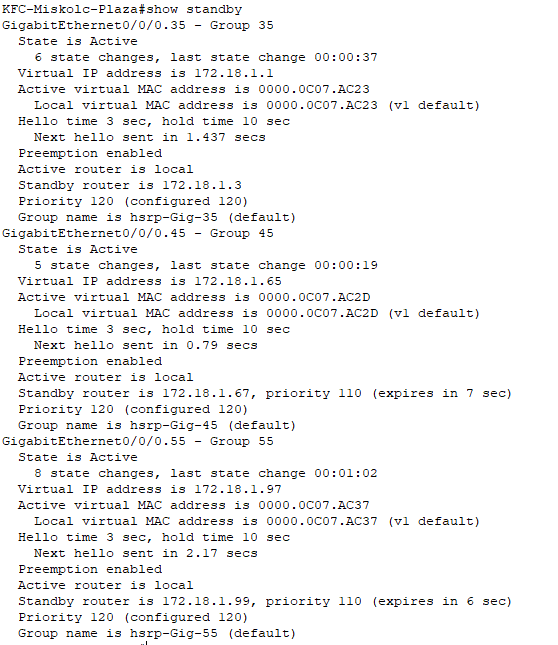
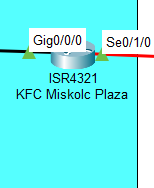
Portbiztonság:

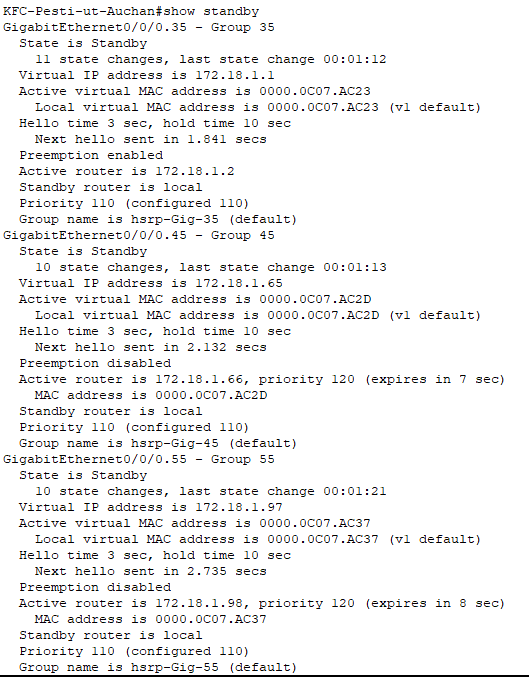
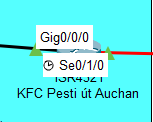




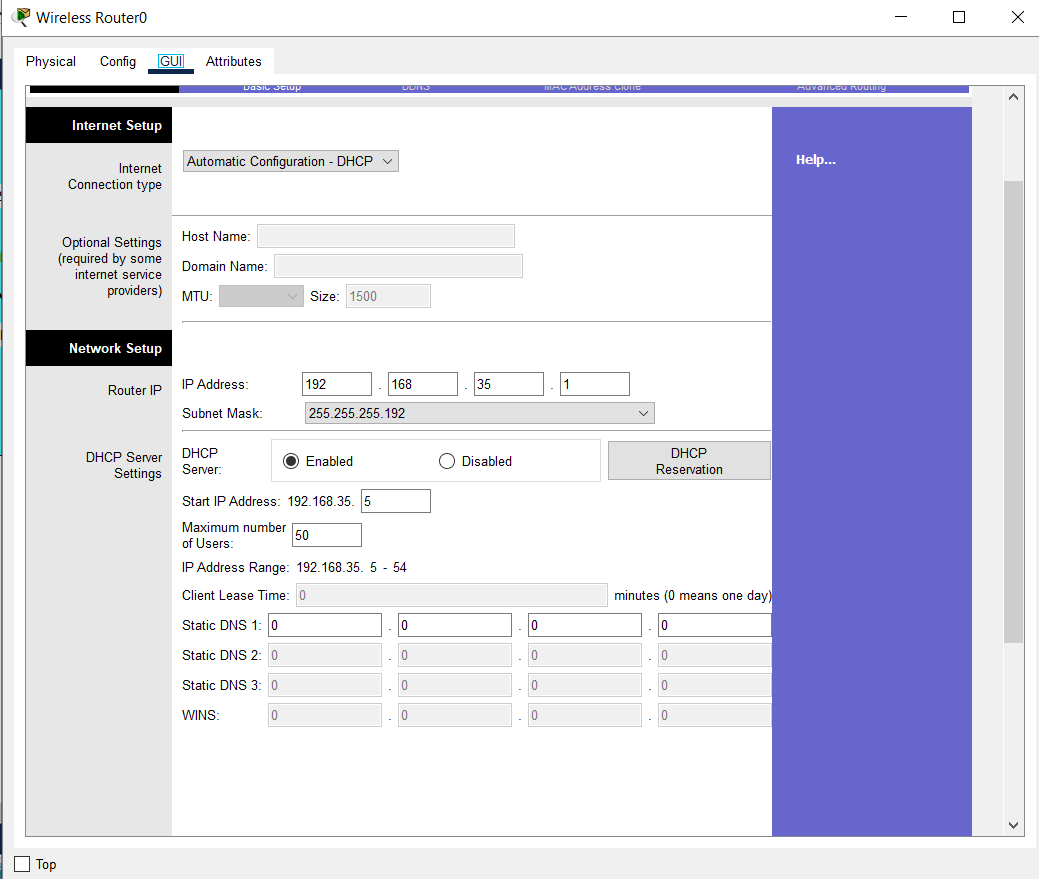


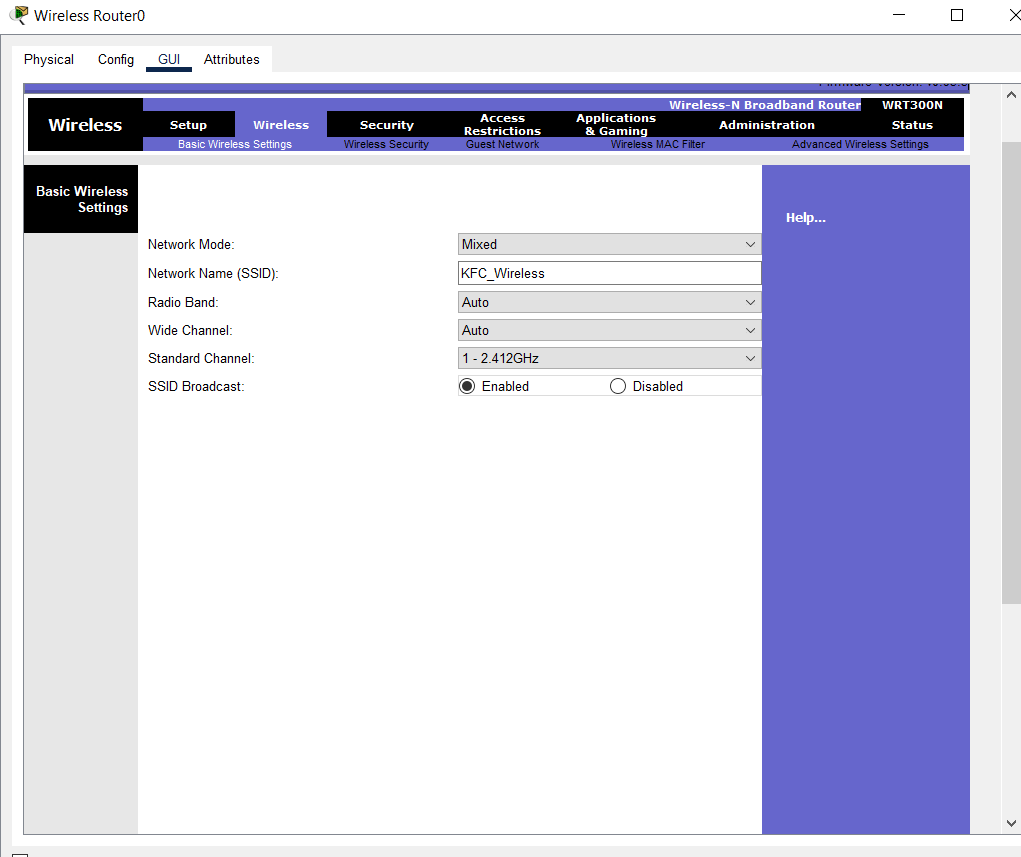
HSRP:

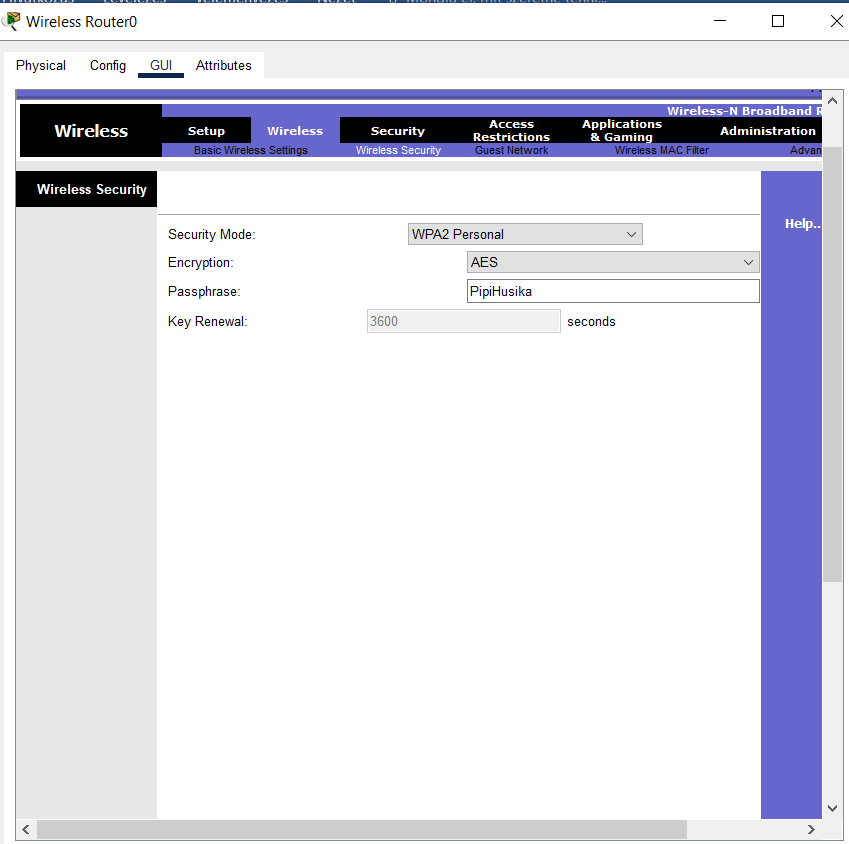




WIFI Beállítások:

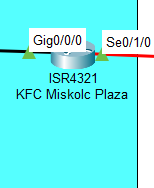




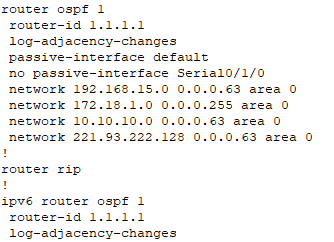
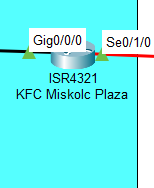


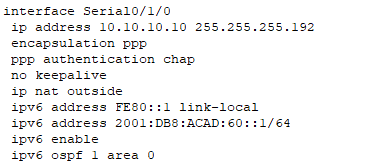
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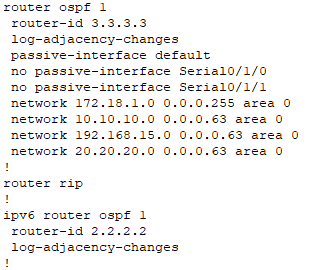
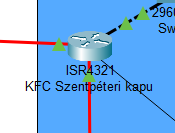


Statikus és Dinamikus forgalomirányítás:

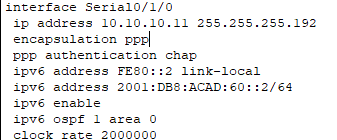
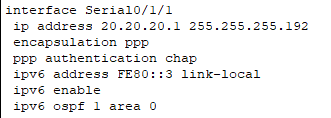




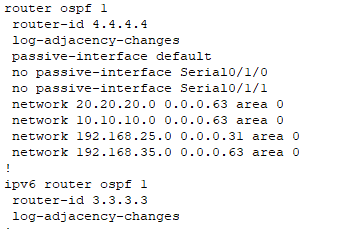
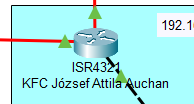
+ az alhálózatok



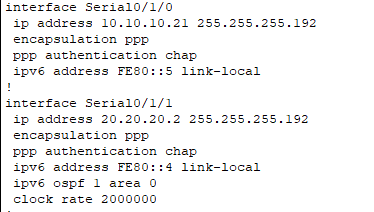




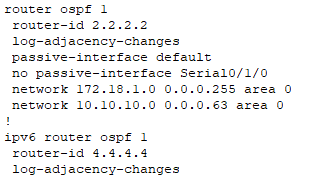
+ az alhálózatok

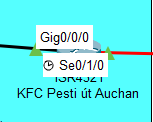


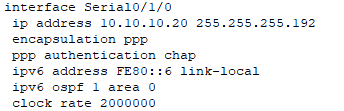




+ az alhálózatok

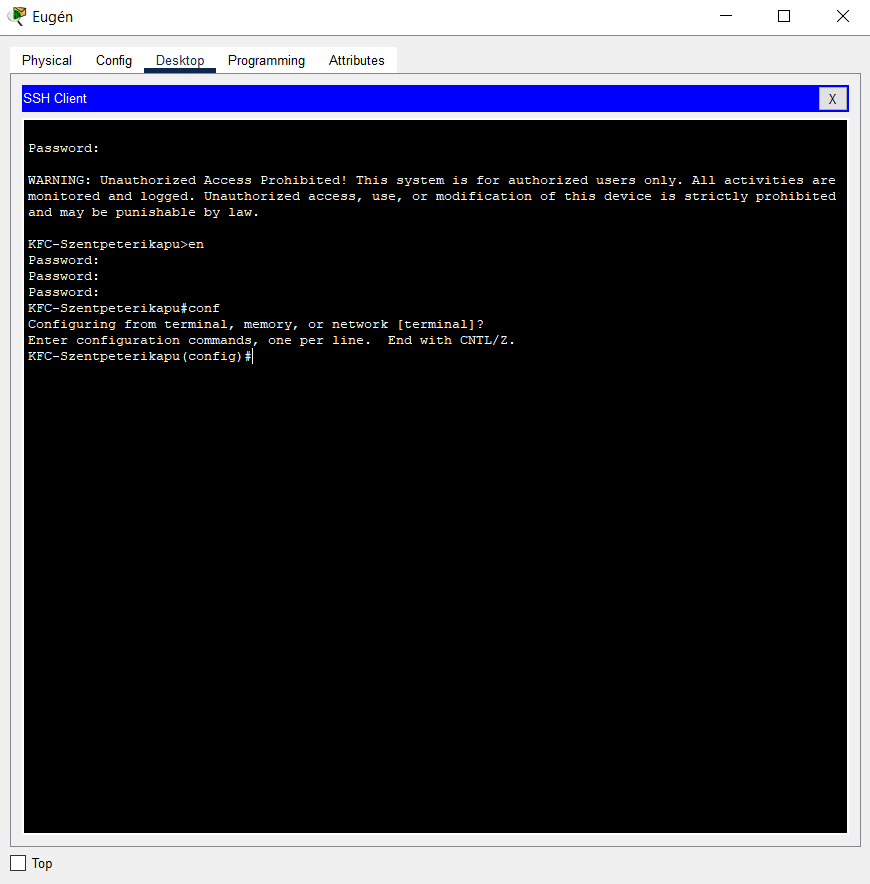


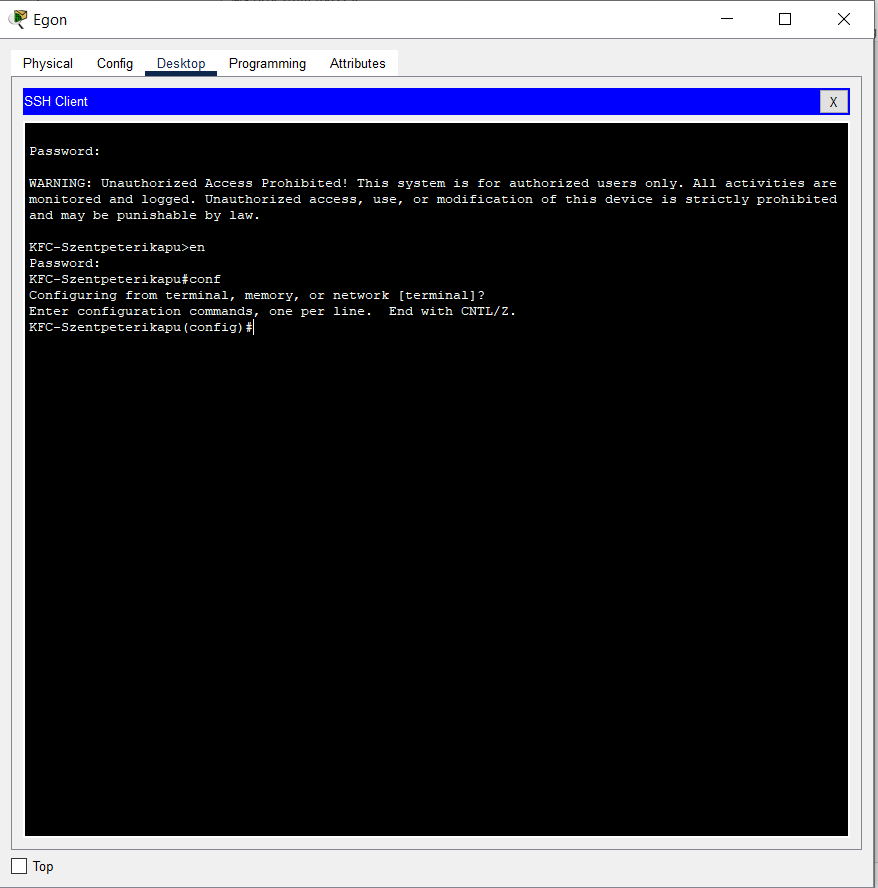


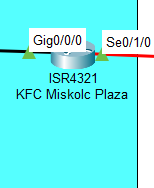
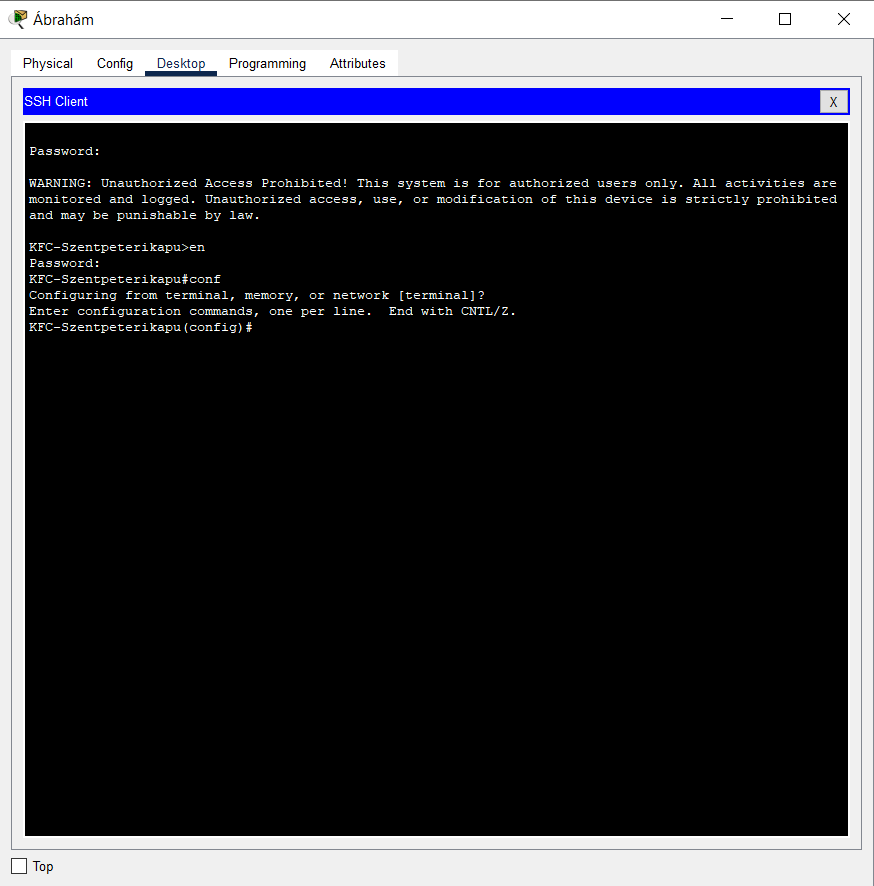
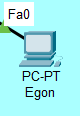


+ az alhálózatok

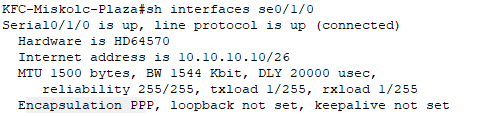
SSH Kapcsolat:

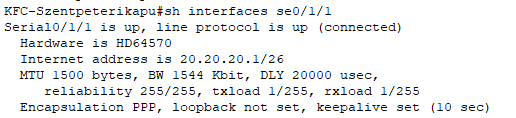
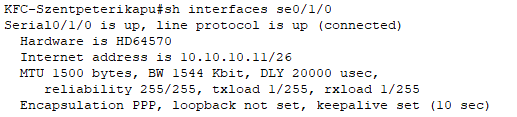




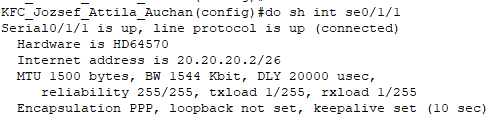
WAN:

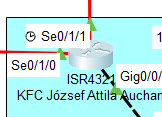


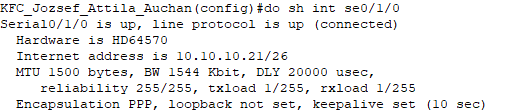


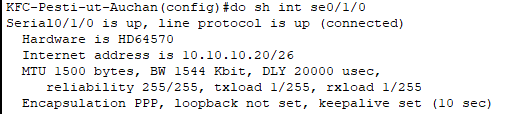
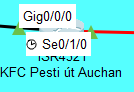






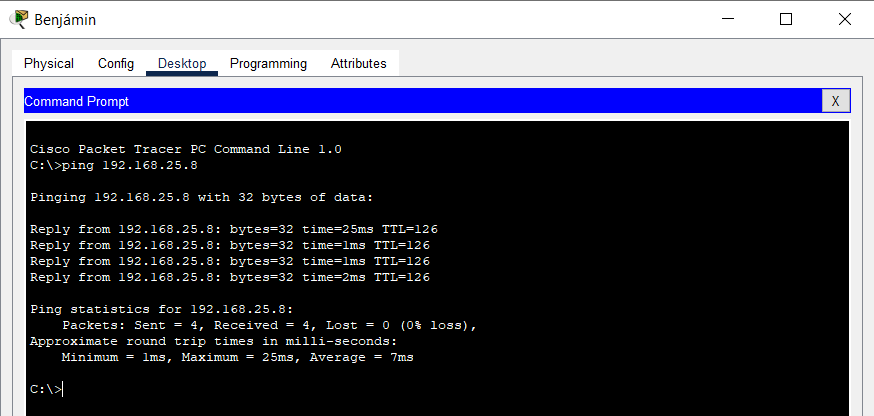


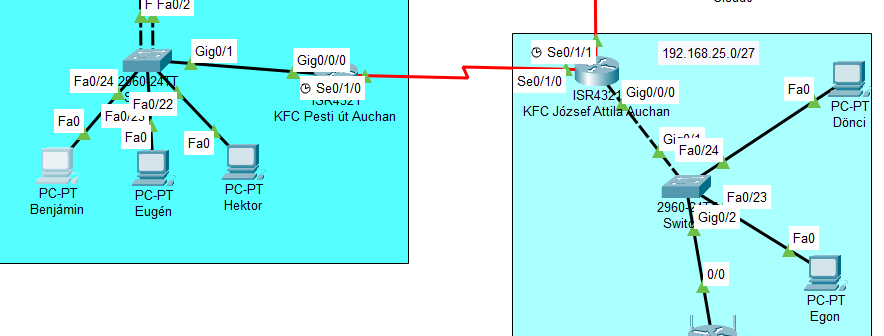




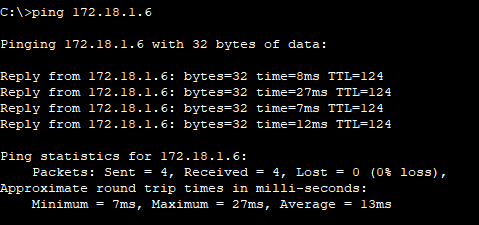
Ping teszt:

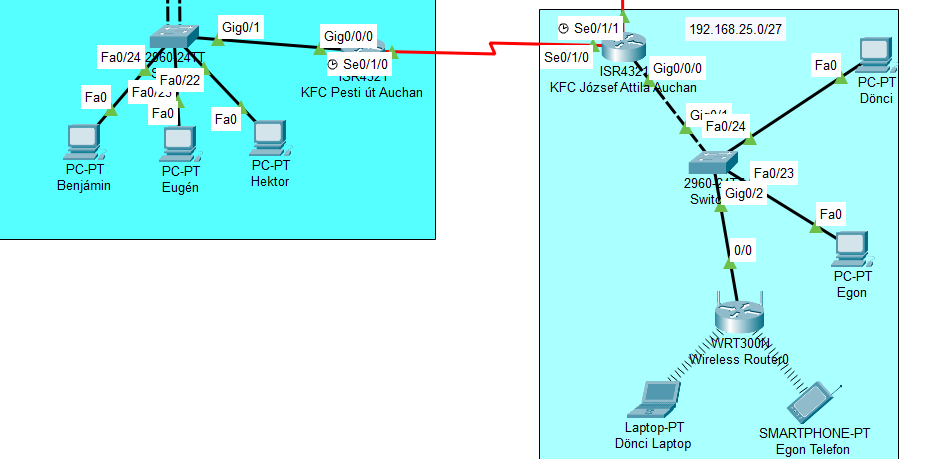
Benjámin – Egon



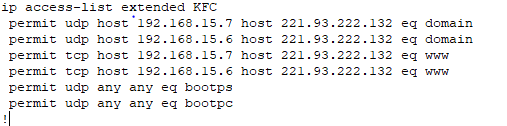


Dönci Laptop – Benjámin

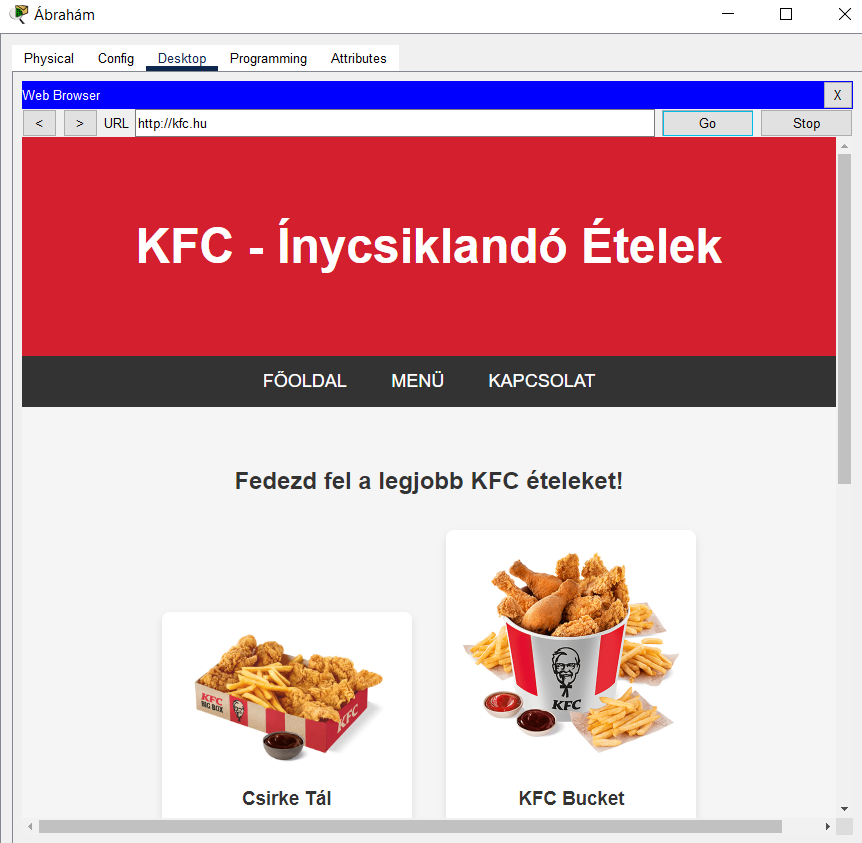




Megvalósított ACL forgalomirányítás:



Weboldal elérés:



Router configok:

KFC József Attila Auchan\_startup-config:

!

version 15.4

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname KFC\_Jozsef\_Attila\_Auchan

!

!

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

ip dhcp excluded-address 192.168.25.1 192.168.25.5

!

ip dhcp pool JozsefAttilaAuchanKFC

network 192.168.25.0 255.255.255.224

default-router 192.168.25.1

!

!

!

no ip cef

no ipv6 cef

!

!

!

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

!

!

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

!

spanning-tree mode pvst

!

!

!

!

!

!

interface GigabitEthernet0/0/0

ip address 192.168.25.1 255.255.255.224

duplex auto

speed auto

ipv6 address 2001:DB8:ACAD::1/64

ipv6 dhcp server JozsefAttilaAuchNKFCT

!

interface GigabitEthernet0/0/1

no ip address

duplex auto

speed auto

shutdown

!

interface Serial0/1/0

ip address 10.10.10.21 255.255.255.192

!

interface Serial0/1/1

ip address 20.20.20.2 255.255.255.192

clock rate 2000000

!

interface Vlan1

no ip address

shutdown

!

router ospf 1

router-id 4.4.4.4

log-adjacency-changes

passive-interface default

no passive-interface Serial0/1/0

no passive-interface Serial0/1/1

network 20.20.20.0 0.0.0.63 area 0

network 10.10.10.0 0.0.0.63 area 0

network 192.168.25.0 0.0.0.31 area 0

network 192.168.35.0 0.0.0.63 area 0

!

ip classless

!

ip flow-export version 9

!

!

!

!

!

!

!

line con 0

password cisco

login

!

line aux 0

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

end

KFC Szentpéteri kapu\_startup-config:

!

version 15.4

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname KFC-Szentpeterikapu

!

!

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

ip dhcp excluded-address 192.168.15.1 192.168.15.5

!

ip dhcp pool SzentpteriKapuKFC

network 192.168.15.0 255.255.255.192

default-router 192.168.15.1

dns-server 221.93.222.132

!

!

!

no ip cef

ipv6 unicast-routing

!

no ipv6 cef

!

!

!

username KFC-Miskolc-Plaza password 0 kfc

username KFC\_Jozsef\_Attila\_Auchan password 0 KFC

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

!

!

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

!

spanning-tree mode pvst

!

!

!

!

!

!

interface GigabitEthernet0/0/0

ip address 192.168.15.1 255.255.255.192

ip access-group KFC in

duplex auto

speed auto

ipv6 address 2001:DB8:ACAD::1/64

ipv6 nd other-config-flag

ipv6 ospf 1 area 0

ipv6 dhcp server SzentpteriKapuKFC

!

interface GigabitEthernet0/0/1

no ip address

duplex auto

speed auto

shutdown

!

interface Serial0/1/0

ip address 10.10.10.11 255.255.255.192

encapsulation ppp

ppp authentication chap

ipv6 address FE80::2 link-local

ipv6 address 2001:DB8:ACAD:60::2/64

ipv6 enable

ipv6 ospf 1 area 0

clock rate 2000000

!

interface Serial0/1/1

ip address 20.20.20.1 255.255.255.192

encapsulation ppp

ppp authentication chap

ipv6 address FE80::3 link-local

ipv6 enable

ipv6 ospf 1 area 0

!

interface Vlan1

no ip address

shutdown

!

router ospf 1

router-id 3.3.3.3

log-adjacency-changes

passive-interface default

no passive-interface Serial0/1/0

no passive-interface Serial0/1/1

network 172.18.1.0 0.0.0.255 area 0

network 10.10.10.0 0.0.0.63 area 0

network 192.168.15.0 0.0.0.63 area 0

network 20.20.20.0 0.0.0.63 area 0

!

router rip

!

ipv6 router ospf 1

router-id 2.2.2.2

log-adjacency-changes

!

ip classless

ip route 221.93.222.128 255.255.255.192 10.10.10.10

ip route 221.93.222.132 255.255.255.255 10.10.10.10

!

ip flow-export version 9

!

!

ip access-list extended KFC

permit udp host 192.168.15.7 host 221.93.222.132 eq domain

permit udp host 192.168.15.6 host 221.93.222.132 eq domain

permit tcp host 192.168.15.7 host 221.93.222.132 eq www

permit tcp host 192.168.15.6 host 221.93.222.132 eq www

permit udp any any eq bootps

permit udp any any eq bootpc

!

banner motd 'WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.'

!

!

!

!

line con 0

password cisco

login

!

line aux 0

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

end

KFC Miskolc Plaza\_startup-config:

!

version 15.4

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname KFC-Miskolc-Plaza

!

!

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

!

!

!

!

no ip cef

ipv6 unicast-routing

!

no ipv6 cef

!

!

!

username KFC-Szentpeterikapu password 0 kfc

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

!

!

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

!

spanning-tree mode pvst

!

!

!

!

!

!

interface GigabitEthernet0/0/0

no ip address

duplex auto

speed auto

ipv6 enable

ipv6 ospf 1 area 0

!

interface GigabitEthernet0/0/0.35

encapsulation dot1Q 35

ip address 172.18.1.2 255.255.255.192

ip helper-address 172.18.1.62

ip nat inside

ipv6 address FE80::35 link-local

ipv6 address 2001:DB8:ACAD:35::2/64

ipv6 nd other-config-flag

ipv6 enable

ipv6 ospf 1 area 0

standby 35 ip 172.18.1.1

standby 35 priority 120

standby 35 preempt

!

interface GigabitEthernet0/0/0.45

encapsulation dot1Q 45

ip address 172.18.1.66 255.255.255.224

ip helper-address 172.18.1.62

ipv6 address FE80::45 link-local

ipv6 address 2001:DB8:ACAD:45::2/64

ipv6 nd other-config-flag

ipv6 enable

ipv6 ospf 1 area 0

standby 45 ip 172.18.1.65

standby 45 priority 120

standby 45 preempt

!

interface GigabitEthernet0/0/0.55

encapsulation dot1Q 55

ip address 172.18.1.98 255.255.255.224

ip helper-address 172.18.1.62

ipv6 address FE80::55 link-local

ipv6 address 2001:DB8:ACAD:55::2/64

ipv6 nd other-config-flag

ipv6 ospf 1 area 0

standby 55 ip 172.18.1.97

standby 55 priority 120

standby 55 preempt

!

interface GigabitEthernet0/0/1

no ip address

duplex auto

speed auto

shutdown

!

interface Serial0/1/0

ip address 10.10.10.10 255.255.255.192

encapsulation ppp

ppp authentication chap

no keepalive

ip nat outside

ipv6 address FE80::1 link-local

ipv6 address 2001:DB8:ACAD:60::1/64

ipv6 enable

ipv6 ospf 1 area 0

!

interface Serial0/1/1

no ip address

clock rate 2000000

shutdown

!

interface Serial0/2/0

no ip address

clock rate 2000000

shutdown

!

interface Serial0/2/1

no ip address

clock rate 2000000

shutdown

!

interface Vlan1

no ip address

shutdown

!

router ospf 1

router-id 1.1.1.1

log-adjacency-changes

passive-interface default

no passive-interface Serial0/1/0

network 192.168.15.0 0.0.0.63 area 0

network 172.18.1.0 0.0.0.255 area 0

network 10.10.10.0 0.0.0.63 area 0

network 221.93.222.128 0.0.0.63 area 0

!

router rip

!

ipv6 router ospf 1

router-id 1.1.1.1

log-adjacency-changes

!

ip nat inside source static 172.18.1.62 221.93.222.132

ip nat inside source static 172.18.1.94 221.93.222.133

ip classless

ip route 192.168.15.0 255.255.255.192 10.10.10.11

!

ip flow-export version 9

!

!

!

banner motd 'WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.'

!

!

!

!

line con 0

password cisco

login

!

line aux 0

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

end

KFC Pesti út Auchan\_startup-config:

!

version 15.4

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname KFC-Pesti-ut-Auchan

!

!

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

!

!

!

!

no ip cef

ipv6 unicast-routing

!

no ipv6 cef

!

!

!

username KFC\_Jozsef\_Attila\_Auchan password 0 kfc

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

!

!

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

!

spanning-tree mode pvst

!

!

!

!

!

!

interface GigabitEthernet0/0/0

no ip address

duplex auto

speed auto

!

interface GigabitEthernet0/0/0.35

encapsulation dot1Q 35

ip address 172.18.1.3 255.255.255.192

ipv6 address FE80::35 link-local

ipv6 address 2001:DB8:ACAD:35::1/64

ipv6 nd other-config-flag

ipv6 ospf 1 area 0

standby 35 ip 172.18.1.1

standby 35 priority 110

standby 35 preempt

standby preempt

!

interface GigabitEthernet0/0/0.45

encapsulation dot1Q 45

ip address 172.18.1.67 255.255.255.224

ipv6 address FE80::45 link-local

ipv6 address 2001:DB8:ACAD:45::1/64

ipv6 nd other-config-flag

ipv6 ospf 1 area 0

standby 45 ip 172.18.1.65

standby 45 priority 110

standby preempt

!

interface GigabitEthernet0/0/0.55

encapsulation dot1Q 55

ip address 172.18.1.99 255.255.255.224

ipv6 address FE80::55 link-local

ipv6 address 2001:DB8:ACAD:55::1/64

ipv6 nd other-config-flag

ipv6 ospf 1 area 0

standby 55 ip 172.18.1.97

standby 55 priority 110

standby preempt

!

interface GigabitEthernet0/0/1

no ip address

duplex auto

speed auto

shutdown

!

interface Serial0/1/0

ip address 10.10.10.20 255.255.255.192

encapsulation ppp

ppp authentication chap

ipv6 address FE80::6 link-local

ipv6 ospf 1 area 0

clock rate 2000000

!

interface Serial0/1/1

no ip address

clock rate 2000000

shutdown

!

interface Vlan1

no ip address

shutdown

!

router ospf 1

router-id 2.2.2.2

log-adjacency-changes

passive-interface default

no passive-interface Serial0/1/0

network 172.18.1.0 0.0.0.255 area 0

network 10.10.10.0 0.0.0.63 area 0

!

ipv6 router ospf 1

router-id 4.4.4.4

log-adjacency-changes

!

ip classless

!

ip flow-export version 9

!

!

!

banner motd 'WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.'

!

!

!

!

line con 0

password cisco

login

!

line aux 0

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

end

Switch configok:

Switch2\_startup-config:

!

version 15.0

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname SW2

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

spanning-tree mode pvst

spanning-tree extend system-id

!

interface Port-channel1

switchport mode trunk

!

interface FastEthernet0/1

switchport mode trunk

channel-group 1 mode passive

!

interface FastEthernet0/2

switchport mode trunk

channel-group 1 mode passive

!

interface FastEthernet0/3

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/4

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/5

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/6

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/7

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/8

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/9

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/10

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/11

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/12

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/13

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/14

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/15

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/16

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/17

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/18

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/19

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/20

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/21

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/22

switchport access vlan 55

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 00E0.F781.BD68

spanning-tree portfast

spanning-tree bpduguard enable

!

interface FastEthernet0/23

switchport access vlan 45

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 00D0.BA3E.7563

spanning-tree portfast

spanning-tree bpduguard enable

!

interface FastEthernet0/24

switchport access vlan 35

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 0010.1150.C954

spanning-tree portfast

spanning-tree bpduguard enable

!

interface GigabitEthernet0/1

switchport mode trunk

!

interface GigabitEthernet0/2

switchport access vlan 999

switchport mode access

shutdown

!

interface Vlan1

no ip address

shutdown

!

banner motd 'WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.'

!

!

!

line con 0

password cisco

login

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

!

end

Switch4\_startup-config:

!

version 15.0

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname SW4

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

spanning-tree mode pvst

spanning-tree extend system-id

!

interface FastEthernet0/1

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/2

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/3

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/4

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/5

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/6

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/7

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/8

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/9

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/10

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/11

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/12

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/13

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/14

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/15

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/16

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/17

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/18

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/19

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/20

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/21

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/22

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/23

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 0001.4377.3B80

spanning-tree portfast

spanning-tree bpduguard enable

!

interface FastEthernet0/24

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 0090.0C3A.DD58

spanning-tree portfast

spanning-tree bpduguard enable

!

interface GigabitEthernet0/1

!

interface GigabitEthernet0/2

!

interface Vlan1

no ip address

shutdown

!

banner motd 'WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.'

!

!

!

line con 0

password cisco

login

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

!

end

Switch0\_startup-config:

!

version 15.0

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname SW3

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

spanning-tree mode pvst

spanning-tree extend system-id

!

interface FastEthernet0/1

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 0001.C95A.9A70

spanning-tree portfast

spanning-tree bpduguard enable

!

interface FastEthernet0/2

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 00D0.BC5A.479E

!

interface FastEthernet0/3

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/4

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/5

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/6

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/7

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/8

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/9

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/10

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/11

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/12

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/13

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/14

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/15

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/16

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/17

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/18

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/19

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/20

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/21

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/22

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/23

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/24

switchport access vlan 999

switchport mode access

shutdown

!

interface GigabitEthernet0/1

!

interface GigabitEthernet0/2

switchport access vlan 999

switchport mode access

shutdown

!

interface Vlan1

no ip address

shutdown

!

banner motd 'WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.'

!

!

!

line con 0

password cisco

login

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

!

end

Switch3\_startup-config:

!

version 15.0

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname SW1

!

enable secret 5 $1$mERr$9cTjUIEqNGurQiFU.ZeCi1

enable password cisco

!

!

!

ip ssh version 2

ip domain-name kfc.hu

!

username admin secret 5 $1$mERr$vTbHul1N28cEp8lkLqr0f/

!

!

!

spanning-tree mode pvst

spanning-tree extend system-id

!

interface Port-channel1

switchport mode trunk

!

interface FastEthernet0/1

switchport mode trunk

channel-group 1 mode active

!

interface FastEthernet0/2

switchport mode trunk

channel-group 1 mode active

!

interface FastEthernet0/3

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/4

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/5

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/6

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/7

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/8

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/9

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/10

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/11

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/12

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/13

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/14

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/15

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/16

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/17

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/18

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/19

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/20

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/21

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/22

switchport access vlan 999

switchport mode access

shutdown

!

interface FastEthernet0/23

switchport access vlan 45

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 0001.9752.0ACC

spanning-tree portfast

spanning-tree bpduguard enable

!

interface FastEthernet0/24

switchport access vlan 999

switchport mode access

shutdown

!

interface GigabitEthernet0/1

switchport mode trunk

!

interface GigabitEthernet0/2

switchport access vlan 35

switchport mode access

switchport port-security

switchport port-security mac-address sticky

switchport port-security mac-address sticky 0060.3EA2.47A1

spanning-tree portfast

spanning-tree bpduguard enable

!

interface Vlan1

no ip address

shutdown

!

banner motd 'WARNING: Unauthorized Access Prohibited! This system is for authorized users only. All activities are monitored and logged. Unauthorized access, use, or modification of this device is strictly prohibited and may be punishable by law.'

!

!

!

line con 0

password cisco

login

!

line vty 0 4

login local

transport input ssh

line vty 5 15

login local

transport input ssh

!

!

!

!

end