Enable

enable secret 9@PqZ$7sRfT!1a

service password-encryption

Konzol

username kosa privi 10 secret bxJ<5EMJegS;U+O]4={T

privilege exec level 10 configure terminal

privilege configure level 10 interface

privilege interface level 10 shutdown

privilege interface level 10 no shutdown

privilege interface level 10 ip address

privilege interface level 10 switchport mode access

privilege interface level 10 switchport access vlan

line cons 0

login local

exit

service password-encryption

SSH

hostname

ip domain-name kkk.com

crypto key generate rsa general-keys modulus 4096

ip ssh version 2

ip ssh pubkey-chain

username admin

key-string

AAAAB3NzaC1yc2EAAAADAQABAAABAQCpEkKzgAgCUunPOTF6HC49hQtDp7c4PC+Y

es/ntCxi6QKGYLgR//ZkgDjjpH/YYcQ6aOoWnqKs+oq0dGBkTHEgD2NrMbsSEeP9

yW/dEUEQ1Z27klblKeoYnj1rYuAfvqvnAXljH/f82b6BF466+A7kmTZufMZ5ULpP

3p5dcJfj/josJGoj/aq4jwMz+fqJbNTiMUeVmmVlcj+jpgkJsSg4i/AmDEb4JEQ/

vYScx9ZG9j0u0kG2hQbT96RvG430dsyFA4wFNoY40IlazLKydSpWEVlCXbFxE+wT

TCbWggHpIaO1HMv0T2QFZlMNMeU6SZlGm67iOfF/VuEl7wDvQKXh

exit

line vty 0 15

transport input ssh

login local

exit

EXEC

line con 0

exec-timeout 8 0

exit

line vty 0 15

exec-timeout 8 0

exit

Login block

login block-for 600 attempts 3 within 60

Webes felület kikapcsolas

no ip http server

no ip http secure-server

Nem használt port (Switch)

interface (interfészek)

switchport mode access

switchport access vlan 29

shutdown

Portbiztonság (Switch)

interface (interfész)

switchport port-security

switchport port-security violation shutdown

switchport port-security maximum 1

switchport port-security mac-address sticky

exit

Trunk portok (Switch)

interface (interfész)

switchport mode trunk

switchport nonegotiate

switchport trunk allowed vlan (vlan számok,)

switchport trunk native vlan 11

exit

DHCP Snooping (Switch)

ip dhcp snooping

ip dhcp snooping vlan (összes vlan szam,)

interface (interfész a DHCP szerver felé, és az eszközök között)

ip dhcp snooping trust

exit

interface (interfészek a kliensek fele)

ip dhcp snooping limit rate 4

exit

DAI (Switch)

ip arp inspection vlan (vlan szamok)

ip arp inspection validate dst-mac ip src-mac

interface (interfészek a szerverEK felé, és az eszközök között)

ip arp inspection trust

exit

BPDU guard (Switch)

spanning-tree portfast bpduguard default

Root guard (L3-switch)

interface (összes)

spanning-tree guard root

CDP (Switch)

interface (interfészek a végpontok felé)

no cdp enable

exit

ACL (Router)

ip access-list standard VTYv4

permit 10.11.169.0 0.0.0.15

permit 10.23.169.0 0.0.0.7

permit 10.37.169.0 0.0.0.7

exit

ipv6 access-list VTYv6

permit ipv6 2001:db8:c1c1:abb5::/64 any

permit ipv6 2001:db8:c1c1:bab3::/64 any

permit ipv6 2001:db8:c1c1:c1b5::/64 any

exit

line vty 0 15

access-class VTYv4 in

access-class VTYv6 in

exit

**MANAGEMENT**

ip access-list standard MANAGEMENTv4

permit 10.11.169.0 0.0.0.15

permit 10.23.169.0 0.0.0.7

permit 10.37.169.0 0.0.0.7

exit

ipv6 access-list MANAGEMENTv6

permit ipv6 2001:db8:c1c1:abb5::/64 any

permit ipv6 2001:db8:c1c1:bab3::/64 any

permit ipv6 2001:db8:c1c1:c1b5::/64 any

exit

int (vlan / interfész a native alhálózat felé)

ip access-group MANAGEMENTv4 out

ipv6 traffic-filter MANAGEMENTv6 out

exit

**IT**

ip access-list extended ITv4

permit tcp any any established

permit ip 10.11.137.0 0.0.0.63 any

permit ip 10.37.137.0 0.0.0.31 any

permit ip 10.23.137.0 0.0.0.31 any

permit ip 10.11.113 .0 0.0.0.15 any

permit ip 10.37.113.0 0.0.0.7 any

permit ip 10.23.113.0 0.0.0.7 any

permit ip 10.11.169.0 0.0.0.15 any

permit ip 10.37.169.0 0.0.0.7 any

permit ip 10.23.169.0 0.0.0.7 any

deny ip any 10.0.0.0 0.255.255.255

permit ip any any

int (interfész / vlan az IT alhálózat felé)

ip access-group ITv4 out

exit

**WIFI**

ip access-list extended WIFIv4

permit udp any <DHCP-server IPv4 címe> eq 67

permit udp any <RADIUS-server IPv4 címe> eq 1812

permit udp any <RADIUS-server IPv4 címe > eq 1813

deny ip any 10.0.0.0 0.255.255.255

permit ip any any

exit

ipv6 access-list WIFIv6

permit udp any <DHCP-server IPv6 címe> eq 67

permit udp any <RADIUS-server IPv6 címe> eq 1812

permit udp any < RADIUS-server IPv6 címe > eq 1813

deny ipv6 any 2001:db8:c1c1::/48

permit ipv6 any any

exit

int (vlan / interfész a WIFI vlan felé)

ip access-group WIFIv4 in

ipv6 traffic-filter WIFIv6 in

exit

**uRPF**

interface (interfész az alháló felé)

ip verify unicast source reachable-via rx

ipv6 verify unicast source reachable-via rx

OSPFv2 (Router)

Budapest area 0

interface (interfészek az area-ban)

ip ospf authentication message-digest

ip ospf message-digest-key 84 md5 G7pL2qR4sW5kX9zB

exit

Budapest area 5

interface (interfészek az area-ban)

ip ospf authentication message-digest

ip ospf message-digest-key 138 md5 hT8sR0vJ3pW4nY6x

exit

Budapest area 10

interface (interfészek az area-ban)

ip ospf authentication message-digest

ip ospf message-digest-key 196 md5 Q9tM1aE5fV6kL2zY

exit

Debrecen area 0

interface (interfészek az area-ban)

ip ospf authentication message-digest

ip ospf message-digest-key 121 md5 A9hbL3kmX457qZ1p

exit

Szeged area 0

interface (interfészek az area-ban)

ip ospf authentication message-digest

ip ospf message-digest-key 92 md5 Z8ggJ2evK053dQ9m

exit

OSPFv3 (Router)

Budapest area 0

interface (interfészek az area-ban)

ipv6 ospf authentication ipsec spi 2008 sha1 3F2A1B8C9D1E4F6A7B8C9D0E1F2A3B4C5D6E7F8A

exit

Budapest area 5

interface (interfészek az area-ban)

ipv6 ospf authentication ipsec spi 12075 sha1 7A4B1C8D9E2F6A1B8D9E4C5F1A2B3C4D5E6F7A8B

exit

Budapest area 10

interface (interfészek az area-ban)

ipv6 ospf authentication ipsec spi 21478 sha1 1E2A3B4C5D6E7F8A9B0C1D2E3F4A5B6C7D8E9F0A

exit

Debrecen area 0

interface (interfészek az area-ban)

ipv6 ospf authentication ipsec spi 905 sha1 0A1B2C3D4E5F6A7B8C9D0E1F2A3B4C5D6E7F8A9B

exit

Szeged area 0

interface (interfészek az area-ban)

ipv6 ospf authentication ipsec spi 5641 sha1 9F8E7D6C5B4A3C2D1E0F9A8B7C6D5E4F3A2B1C0D

exit

EIGRP (Router)

key chain KEYEIGRP

key 25

key-string F7#h8m$Q2!xK4pL

accept-lifetime 00:00:00 Sept 1 2024 infinite

exit

interface ()

ip authentication mode eigrp (AS szám) md5

ip authentication key-chain eigrp (AS szám) KEYEIGRP

ipv6 authentication mode eigrp (AS szám) md5

ipv6 authentication key-chain eigrp (AS szám) KEYEIGRP

exit

BGP (Router)

ISP

router bgp 5483

neighbor 203.5.100.34 password D3s6!aP9v#4@bQ8R

neighbor 203.5.100.38 password 8Y%jLz9!F@1r2Vp#

neighbor 203.5.100.42 password R#7qT!m4L0s3^N2x

neighbor 2001:db8:baba:ab12::2 password D3s6!aP9v#4@bQ8R

neighbor 2001:db8:baba:c112::2 password 8Y%jLz9!F@1r2Vp#

neighbor 2001:db8:baba:ba12::2 password R#7qT!m4L0s3^N2x

Budapest

router bgp 65001

neighbor 203.5.100.33 password D3s6!aP9v#4@bQ8R

neighbor 2001:db8:baba:ab12::1 password D3s6!aP9v#4@bQ8R

exit

Szeged

router bgp 65003

neighbor 203.5.100.41 password R#7qT!m4L0s3^N2x

neighbor 2001:db8:baba:ba12::1 password R#7qT!m4L0s3^N2x

exit

Debrecen

router bgp 65002

neighbor 203.5.100.37 password 8Y%jLz9!F@1r2Vp#

neighbor 2001:db8:baba:c112::1 password 8Y%jLz9!F@1r2Vp#

exit

Passzív interfész (Router)

Központ KKK-MLS1

router ospf (szám)

passive-interface default

no passive-interface (interface)

exit

HSRP (Router)

Budapest

interface ()

standby 1 authentication md5 key-string 54321098452103ab

exit

Szeged

interface ()

standby 1 authentication md5 key-string eR5&hX4!jN8p$W1m

exit

Debrecen

interface ()

standby 1 authentication md5 key-string Y8^fS3\*zZ2@qJ7!k

exit