SWITCH konfigurálása

VTP SERVER switch konfigurálás

```
Switch>
Switch>enable
Switch#
Switch#conf t
Enter configuration commands, one per line.  End with
CNTL/Z.
Switch(config)#
```

név, konzol és vty beállítás

```
Switch(config)#hostname Sw0_1
Sw0_1(config)#
Sw0_1(config)#enable password cisco
Sw0_1(config)#line console 0
Sw0_1(config-line)#password cisco
Sw0_1(config-line)#login
Sw0_1(config-line)#exit
Sw0_1(config)#
Sw0_1(config)#line vty 0 15
Sw0_1(config-line)#password cisco
Sw0_1(config-line)#login
Sw0_1(config-line)#exit
Sw0_1(config)#
```

vlan 1 beállítás

```
Sw0_1(config)#int vlan 1
Sw0_1(config-if)#ip address 192.168.0.1 255.255.255.0
Sw0_1(config-if)#no shutdown
Sw0_1(config-if)#exit
Sw0_1(config)#
Sw0_1#conf t
Enter configuration commands, one per line.  End with
CNTL/Z.
Sw0_1(config)#
```

vlan-ok létrehozása, beállítása

```
Sw0_1(config)#vlan 2
Sw0_1(config-vlan)#name BESZERZES
Sw0_1(config-vlan)#exit
Sw0_1(config)#
Sw0_1(config)#vlan 3
Sw0_1(config-vlan)#name PENZUGY
Sw0_1(config-vlan)#exit
```

```
Sw0_1(config)#
```

PC-hez kapcsolódó interfészek beállítása

```
Sw0_1(config)#int fa 0/1
Sw0_1(config-if)#switchport mode access
Sw0_1(config-if)#switchport access vlan 3
Sw0_1(config-if)#switchport port-security
Sw0_1(config-if)#switchport port-security maximum 3
Sw0_1(config-if)#switchport port-security mac-address
sticky
Sw0_1(config-if)#exit
Sw0_1(config)#
Sw0_1(config)#int fa 0/2
Sw0_1(config-if)#switchport mode access
Sw0_1(config-if)#switchport access vlan 2
Sw0_1(config-if)#switchport port-security
Sw0_1(config-if)#switchport port-security maximum 3
Sw0_1(config-if)#switchport port-security mac-address
sticky
Sw0_1(config-if)#exit
Sw0_1(config)#
```

nem kapcsolódó interfészek tiltása

```
Sw0_1(config)#interface range fastEthernet 0/3 - 22
Sw0_1(config-if-range)#shutdown

%LINK-5-CHANGED: Interface FastEthernet0/3, changed
state to administratively down
…
%LINK-5-CHANGED: Interface FastEthernet0/22, changed
state to administratively down
Sw0_1(config-if-range)#exit
```

trunk intefészek konfigurálása

```
Sw0_1(config)#interface range fastEthernet 0/23 - 24
Sw0_1(config-if-range)#switchport mode trunk

Sw0_1(config-if-range)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/23, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/23, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/24, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface
FastEthernet0/24, changed state to up
```

```
Sw0_1(config-if-range)#exit
Sw0_1(config)#
Sw0_1(config)#interface gigabitEthernet 0/1
Sw0_1(config-if)#switchport mode trunk

Sw0_1(config-if)#
%LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/1, changed state to down

%LINEPROTO-5-UPDOWN: Line protocol on Interface
GigabitEthernet0/1, changed state to up

Sw0_1(config-if)#exit
Sw0_1(config)#
```

VTP létrehozás, beállítás

```
Sw0_1(config)#vtp domain DB
Changing VTP domain name from NULL to DB
Sw0_1(config)#vtp mode server
Device mode already VTP SERVER.
Sw0_1(config)#vtp password cisco
Setting device VLAN database password to cisco
Sw0_1(config)#end
Sw0_1#
%SYS-5-CONFIG_I: Configured from console by console
Sw0_1#reload
```

mentés

```
Sw0_1#copy running-config startup-config
Destination filename [startup-config]?
Building configuration...
[OK]
Sw0_1#
```

VTP CLIENT switch konfigurálás

```
Sw0_2(config)#vtp mode client
Sw0_2(config)#vtp password cisco
```