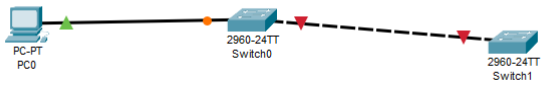
Практическая работа 16 – Telenet через цепочку устройств

Создаем следующую сеть



Настраиваем певрый коммутатор (192.168.0.2)

```
Switch>en
Switch#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname 0sw
0sw(config)#hostname lsw
lsw(config)#int vlan 1
lsw(config-if)#no sh

lsw(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up

lsw(config-if)#
lsw(config-if)#ip address 192.168.0.2 255.255.255.0
```

И настраиваем точно также второй коммутатор

```
Switch>en
Switch#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
Switch(config)#hostname 2sw
2sw(config)#int vlan 1
2sw(config-if)#no sh

2sw(config-if)#
%LINK-5-CHANGED: Interface Vlan1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to up

2sw(config-if)#ip address 192.168.0.3 255.255.255.0
2sw(config-if)#exit
```

Пингуем их через PC0

```
C:\>ping 192.168.0.2

Pinging 192.168.0.2 with 32 bytes of data:

Reply from 192.168.0.2: bytes=32 time<1ms TTL=255
Reply from 192.168.0.2: bytes=32 time<1ms TTL=255
Reply from 192.168.0.2: bytes=32 time<1ms TTL=255
Reply from 192.168.0.2: bytes=32 time=3ms TTL=255

Ping statistics for 192.168.0.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 3ms, Average = 0ms

C:\>ping 192.168.0.3

Pinging 192.168.0.3 with 32 bytes of data:

Reply from 192.168.0.3: bytes=32 time<1ms TTL=255
Reply from 192.168.0.3: bytes=32 time<1ms TTL=255
Reply from 192.168.0.3: bytes=32 time=4ms TTL=255
Reply from 192.168.0.3: bytes=32 time=1ms TTL=255

Ping statistics for 192.168.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 4ms, Average = 1ms
```

Конфигурируем коммутаторы для Telnet

```
lsw(config)#line vty 0 4
lsw(config-line)#pass 111
lsw(config-line)#enable secret 123
```

```
2sw(config)#line vty 0 4
2sw(config-line)#pass 111
2sw(config-line)#enable secret 123
```

Подключаемся к Switch0 через Switch1

```
C:\>telnet 192.168.0.3
Trying 192.168.0.3 ...Open


User Access Verification

Password:
2sw>telnet 192.168.0.2
Trying 192.168.0.2 ...Open


User Access Verification

Password:
1sw>
```

И в правильном порядке (по цепочке)

```
C:\>telnet 192.168.0.2
Trying 192.168.0.2 ...Open


User Access Verification

Password:
1sw>telnet 192.168.0.3
Trying 192.168.0.3 ...Open


User Access Verification

Password:
2sw>
```