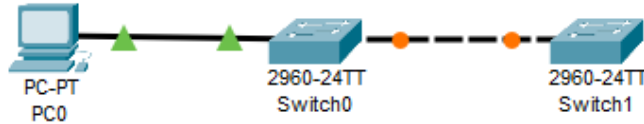


Практическая работа 16 – Telnet через цепочку устройств

1. Строю сеть



2. Настраиваю IP

Configuration	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
IPv4 Address	192.168.0.1
Subnet Mask	255.255.255.0

3. Присваиваем имя первому и второму свитчу

```
lsw(config)# 2sw(config)#
```

4. Присваиваю Ip – адрес и маску подсети для обоих свитчей

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

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 192.168.0.2 255.255.255.0
2sw(config-if)#ex
2sw(config)#
```

5. Пингую

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.2

Pinging 192.168.0.2 with 32 bytes of data:

Request timed out.
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

Ping statistics for 192.168.0.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms
```

6. Настраиваю Telnet на первом и втором свитче

```
1sw(config)#
1sw(config)#line vty
% Incomplete command.
1sw(config)#line vty 0 4
1sw(config-line)#pass 111
1sw(config-line)#enable secret 123
1sw(config)#
```

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

7. Пробую подключиться к Switch1, через устройство Switch0

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

User Access Verification

Password:
2sw>en
Password:
Password:
Password:
2sw#
```

8. Подключаюсь к адресу свитч1 через свитч0

```
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>
```