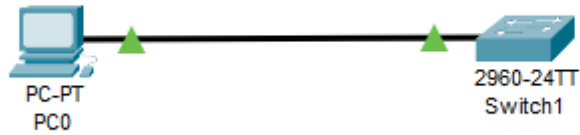


## Практическая работа номер 15

### 1. Строим сеть



### 2. Настраиваем роутер

```
Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#int f0/1
Switch(config-if)#int vlan 1
Switch(config-if)#no sh

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

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

Switch(config-if)#ip address 192.168.0.2 255.255.255.0
      ^
% Invalid input detected at '^' marker.

Switch(config-if)#ip address 192.168.0.2 255.255.255.0
Switch(config-if)#exit
Switch(config)#
```

### 3. Проверяем настройку

Device Name: Switch1  
Custom Device Model: 2960 IOS15  
Hostname: Switch

Port	Link	VLAN	IP Address	MAC Address
FastEthernet0/1	Up	1	--	0003.E44C.9B01
FastEthernet0/2	Down	1	--	0003.E44C.9B02
FastEthernet0/3	Down	1	--	0003.E44C.9B03
FastEthernet0/4	Down	1	--	0003.E44C.9B04
FastEthernet0/5	Down	1	--	0003.E44C.9B05
FastEthernet0/6	Down	1	--	0003.E44C.9B06
FastEthernet0/7	Down	1	--	0003.E44C.9B07
FastEthernet0/8	Down	1	--	0003.E44C.9B08
FastEthernet0/9	Down	1	--	0003.E44C.9B09
FastEthernet0/10	Down	1	--	0003.E44C.9B0A
FastEthernet0/11	Down	1	--	0003.E44C.9B0B
FastEthernet0/12	Down	1	--	0003.E44C.9B0C
FastEthernet0/13	Down	1	--	0003.E44C.9B0D
FastEthernet0/14	Down	1	--	0003.E44C.9B0E
FastEthernet0/15	Down	1	--	0003.E44C.9B0F
FastEthernet0/16	Down	1	--	0003.E44C.9B10
FastEthernet0/17	Down	1	--	0003.E44C.9B11
FastEthernet0/18	Down	1	--	0003.E44C.9B12
FastEthernet0/19	Down	1	--	0003.E44C.9B13
FastEthernet0/20	Down	1	--	0003.E44C.9B14
FastEthernet0/21	Down	1	--	0003.E44C.9B15
FastEthernet0/22	Down	1	--	0003.E44C.9B16
FastEthernet0/23	Down	1	--	0003.E44C.9B17
FastEthernet0/24	Down	1	--	0003.E44C.9B18
GigabitEthernet0/1	Down	1	--	0003.E44C.9B19
GigabitEthernet0/2	Down	1	--	0003.E44C.9B1A
Vlan1	Up	1	192.168.0.2/24	00D0.5893.0121

Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch1

#### 4. Test ping

```
C:\>ping 192.168.0.2

Pinging 192.168.0.2 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.0.2:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

#### 5. Пишем след команду

```
Cisco Packet Tracer PC Command Line 1.0
C:\>telnet 192.168.0.2
Trying 192.168.0.2 ...
% Connection timed out; remote host not responding
C:\>S
Invalid Command.

C:\>|
```

#### 6. Дальше настраиваем свитч

```
Switch(config-if)#ip address 192.168.0.2 255.255.255.0
Switch(config-if)#exit
Switch(config)#line vty 0 5
Switch(config-line)#pass 111
Switch(config-line)#
```

```
Switch(config-if)#enable secret 123
```

7.Теперь можно удаленно настраивать свитч

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

User Access Verification

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