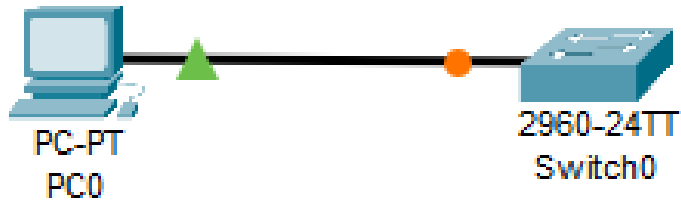


Практическая работа 15 – Настраиваем Telnet

1. Строю сеть



2. Настраиваю ip для ПК

IP Configuration	
<input type="radio"/> DHCP	
<input checked="" type="radio"/> Static	
IPv4 Address	192.168.0.1
Subnet Mask	255.255.255.0
IPv6 Configuration	
_	

3. И IP для свитча в консоли

```
Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#
Switch(config)#int fa0/1
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
Switch(config-if)#ex
Switch(config)#
```

4. Навожу курсор для свитч для проверки настройки

Device Name: Switch0					
Custom Device Model: 2960 IOS15					
Hostname: Switch					
Port	Link	VLAN	IP Address	MAC Address	
FastEthernet0/1	Up	1	--	0060.47C4.C501	
FastEthernet0/2	Down	1	--	0060.47C4.C502	
FastEthernet0/3	Down	1	--	0060.47C4.C503	
FastEthernet0/4	Down	1	--	0060.47C4.C504	
FastEthernet0/5	Down	1	--	0060.47C4.C505	
FastEthernet0/6	Down	1	--	0060.47C4.C506	
FastEthernet0/7	Down	1	--	0060.47C4.C507	
FastEthernet0/8	Down	1	--	0060.47C4.C508	
FastEthernet0/9	Down	1	--	0060.47C4.C509	
FastEthernet0/10	Down	1	--	0060.47C4.C50A	
FastEthernet0/11	Down	1	--	0060.47C4.C50B	
FastEthernet0/12	Down	1	--	0060.47C4.C50C	
FastEthernet0/13	Down	1	--	0060.47C4.C50D	
FastEthernet0/14	Down	1	--	0060.47C4.C50E	
FastEthernet0/15	Down	1	--	0060.47C4.C50F	
FastEthernet0/16	Down	1	--	0060.47C4.C510	
FastEthernet0/17	Down	1	--	0060.47C4.C511	
FastEthernet0/18	Down	1	--	0060.47C4.C512	
FastEthernet0/19	Down	1	--	0060.47C4.C513	
FastEthernet0/20	Down	1	--	0060.47C4.C514	
FastEthernet0/21	Down	1	--	0060.47C4.C515	
FastEthernet0/22	Down	1	--	0060.47C4.C516	
FastEthernet0/23	Down	1	--	0060.47C4.C517	
FastEthernet0/24	Down	1	--	0060.47C4.C518	
GigabitEthernet0/1	Down	1	--	0060.47C4.C519	
GigabitEthernet0/2	Down	1	--	0060.47C4.C51A	
Vlan1	Up	1	192.168.0.2/24	0007.EC41.DEA2	
Physical Location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch0					

5. Прописываю команду в консоли ПК

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

[Connection to 192.168.0.2 closed by foreign host]
C:\>
```

6. Прописываю команду для свитча

```
Switch(config)#line vty 0 5
Switch(config-line)#pass 111
Switch(config-line)#
```

7. Пробуем ещё раз подключиться к свитч через консоль ПК

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

User Access Verification

Password:
Password:
Switch>
```

8. Проверяем команды свитч в терминале ПК

```
Switch>
Switch>show vlan

VLAN Name                Status    Ports
-----
1    default                active    Fa0/1, Fa0/2, Fa0/3, Fa0/4
                                           Fa0/5, Fa0/6, Fa0/7, Fa0/8
                                           Fa0/9, Fa0/10, Fa0/11, Fa0/12
                                           Fa0/13, Fa0/14, Fa0/15, Fa0/16
                                           Fa0/17, Fa0/18, Fa0/19, Fa0/20
                                           Fa0/21, Fa0/22, Fa0/23, Fa0/24
                                           Gig0/1, Gig0/2
1002 fddi-default          active
1003 token-ring-default    active
1004 fddinet-default        active
1005 trnet-default          active

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp  BrdgMode Trans1 Trans2
-----
1    enet    100001    1500  -      -      -      -    -        0      0
1002 fddi    101002    1500  -      -      -      -    -        0      0
1003 tr     101003    1500  -      -      -      -    -        0      0
1004 fdnet  101004    1500  -      -      -      ieee -        0      0
1005 trnet  101005    1500  -      -      -      ibm  -        0      0

VLAN Type  SAID      MTU   Parent RingNo BridgeNo Stp  BrdgMode Trans1 Trans2
-----

Remote SPAN VLANs
-----

Primary Secondary Type      Ports
-----
Switch>
```

```
Switch>?
Exec commands:
  connect      Open a terminal connection
  disable      Turn off privileged commands
  disconnect    Disconnect an existing network connection
  enable        Turn on privileged commands
  exit          Exit from the EXEC
  logout        Exit from the EXEC
  ping          Send echo messages
  resume        Resume an active network connection
  show          Show running system information
  ssh           Open a secure shell client connection
  telnet        Open a telnet connection
  terminal      Set terminal line parameters
  traceroute    Trace route to destination
Switch>
```

9. Продолжаем дальнейшую настройку в терминале свитч

```
Switch(config-line)#pass 111  
Switch(config-line)#enable secret 123  
Switch(config)#
```

10. И проверяем

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