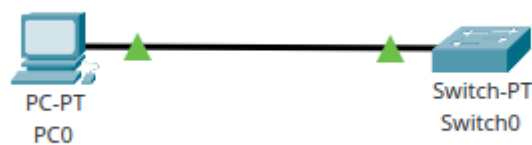


Создали сеть:



Настроили юзеров и доступ:

```
Switch(config-line)#user admin privilege 15 pass 111
Switch(config)#line vty 0 4
Switch(config-line)#user student privilege 1 pass 222
Switch(config)#line vty 0 4
Switch(config-line)#login local
Switch(config-line)#
```

Задали IP у Switch, проверили доступность:

```
C:\>ping 192.168.0.1

Pinging 192.168.0.1 with 32 bytes of data:

Reply from 192.168.0.1: bytes=32 time<1ms TTL=255
Reply from 192.168.0.1: bytes=32 time<1ms TTL=255
Reply from 192.168.0.1: bytes=32 time<1ms TTL=255
Reply from 192.168.0.1: bytes=32 time=7ms TTL=255

Ping statistics for 192.168.0.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 7ms, Average = 1ms

C:\>
```

Зашли под разными юзерами, проверили уровни доступа (admin может использовать en, student - нет):

```
C:\>telnet 192.168.0.1
Trying 192.168.0.1 ...Open

User Access Verification

Username: student
Password:
Switch>en
% No password set.
Switch>exit

[Connection to 192.168.0.1 closed by foreign host]
C:\>telnet 192.168.0.1
Trying 192.168.0.1 ...Open

User Access Verification

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

Разница между уровнями привилегий — доступность разных команд (например, en, и т.д)

Создали юзера с secret вместо пароля:

```
Switch(config)#user admin3 secret 333  
Switch(config)#
```

Проверили, что ему доступно:

```
C:\>telnet 192.168.0.1  
Trying 192.168.0.1 ...Open  
  
User Access Verification  
  
Username: admin3  
Password:  
Switch>show running-config  
^  
% Invalid input detected at '^' marker.  
  
Switch>en  
% No password set.  
Switch>
```