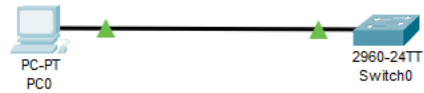


## Практическая 17

Наглов В.С., Холоднов В.В.

### 1. Строим сеть и настраиваем устройства.



### 2. Создаем пользователей user и admin

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

### 3. Тестируем подключение командой ping.

```
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<1ms 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 = 0ms, Average = 0ms

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

### Задания:

1. В зависимости от уровня привилегий пользователя нам открывается доступ к различным возможностям системы, от обычного просмотра данных и пакетов, вплоть до непосредственного редактирования настроек самой сети и других пользователей.

### 2. Тестируем команду show running-config

```
Switch#show running-config
Building configuration...

Current configuration : 1188 bytes
!
version 15.0
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname Switch
!
!
username admin privilege 15 password 0 lll
username student privilege 1 password 0 lll
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
interface FastEthernet0/1
!
interface FastEthernet0/2
!
interface FastEthernet0/3
!
interface FastEthernet0/4
!
interface FastEthernet0/5
!
interface FastEthernet0/6
!
interface FastEthernet0/7
!
interface FastEthernet0/8
!
interface FastEthernet0/9
!
interface FastEthernet0/10
!
interface FastEthernet0/11
!
interface FastEthernet0/12
!
interface FastEthernet0/13
!
interface FastEthernet0/14
!
interface FastEthernet0/15
!
interface FastEthernet0/16
!
interface FastEthernet0/17
!
interface FastEthernet0/18
!
interface FastEthernet0/19
!
interface FastEthernet0/20
```

3.

```
Switch(config)#line vty 0 4
Switch(config-line)#user noviy privilege 15 secret 123
Switch(config)#login local
```

```
^
% Invalid input detected at '^' marker.
```

```
Switch(config)#line vty 0 4
Switch(config-line)#login local
Switch(config-line)#
```

```
(Connection to 192.168.0.2 closed by foreign host)
C:\>telnet 192.168.0.2
Trying 192.168.0.2 ...Open

User Access Verification

Username: noviy
Password:
Switch#
```