



Physical	Config	Desktop	Programming	Attributes
<div> <b>GLOBAL</b>            Settings            Algorithm Settings  <b>INTERFACE</b>            FastEthernet0            Bluetooth         </div>				
<div> <b>FastEthernet0</b>            Port Status <input checked="" type="checkbox"/> On            Bandwidth <input type="radio"/> 100 Mbps <input type="radio"/> 10 Mbps <input checked="" type="checkbox"/> Auto            Duplex <input type="radio"/> Half Duplex <input checked="" type="radio"/> Full Duplex <input checked="" type="checkbox"/> Auto            MAC Address 0060.470B.86B0            IP Configuration  <input type="radio"/> DHCP  <input checked="" type="radio"/> Static            IPv4 Address 192.168.0.1            Subnet Mask 255.255.255.0         </div>				

```

Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#line vty 0 4
Switch(config-line)#user student privilege 1 pass l1l
Switch(config)#line vty 0 4
Switch(config-line)#user admin privilege 15 pass l1l
Switch(config)#line vty 0 4
Switch(config-line)#login local
Switch(config-line)#exit
Switch(config)#int vlan 1
Switch(config-if)#ip address 192.168.0.2
% Incomplete command.
Switch(config-if)#ip address 192.168.0.2
% Incomplete command.
Switch(config-if)#ip address 192.168.0.2 255.255.255.0
Switch(config-if)#
  
```

```

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

User Access Verification

Username: student
Password:
  
```

1) Основные уровни - 0, 1 и 15. Уровень 0 - режим просмотра, минимальный набор команд. Уровень 1 - режим обычного пользователя, возможность изменять некоторые данные. Уровень 15 - режим администратора, полный набор команд. Уровни 2-14 являются промежуточными и настраиваемыми.

2) Команда show running-config показывает текущую активную конфигурацию устройства.

```
Username: admin
Password:
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
```