

## Практическая работа 15

The screenshot displays the Cisco Packet Tracer interface. The top menu bar includes File, Edit, Options, View, Tools, Extensions, Window, and Help. Below the menu is a toolbar with various icons for navigation and editing. The main workspace shows a network diagram with a switch labeled '2960 Sw'. A configuration window for the switch is open, displaying the following information:

Device Name: Switch0  
Custom Device Model: 2960 IOS15  
Hostname: Switch

Port	Link	VLAN	IP Address	MAC Address
FastEthernet0/1	Up	1	--	000A.F372.D801
FastEthernet0/2	Down	1	--	000A.F372.D802
FastEthernet0/3	Down	1	--	000A.F372.D803
FastEthernet0/4	Down	1	--	000A.F372.D804
FastEthernet0/5	Down	1	--	000A.F372.D805
FastEthernet0/6	Down	1	--	000A.F372.D806
FastEthernet0/7	Down	1	--	000A.F372.D807
FastEthernet0/8	Down	1	--	000A.F372.D808
FastEthernet0/9	Down	1	--	000A.F372.D809
FastEthernet0/10	Down	1	--	000A.F372.D80A
FastEthernet0/11	Down	1	--	000A.F372.D80B
FastEthernet0/12	Down	1	--	000A.F372.D80C
FastEthernet0/13	Down	1	--	000A.F372.D80D
FastEthernet0/14	Down	1	--	000A.F372.D80E
FastEthernet0/15	Down	1	--	000A.F372.D80F
FastEthernet0/16	Down	1	--	000A.F372.D810
FastEthernet0/17	Down	1	--	000A.F372.D811
FastEthernet0/18	Down	1	--	000A.F372.D812
FastEthernet0/19	Down	1	--	000A.F372.D813
FastEthernet0/20	Down	1	--	000A.F372.D814
FastEthernet0/21	Down	1	--	000A.F372.D815
FastEthernet0/22	Down	1	--	000A.F372.D816
FastEthernet0/23	Down	1	--	000A.F372.D817
FastEthernet0/24	Down	1	--	000A.F372.D818
GigabitEthernet0/1	Down	1	--	000A.F372.D819
GigabitEthernet0/2	Down	1	--	000A.F372.D81A
Vlan1	Up	1	192.168.0.2/24	0090.21BD.C557

The bottom of the configuration window shows the physical location: Intercity > Home City > Corporate Office > Main Wiring Closet > Rack > Switch0. Below the configuration window, a 'Command Prompt' window is open, displaying the following text:

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.2

Pinging 192.168.0.2 with 32 bytes of data:

Request timed out.
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 = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

PC0

Physical
Config
Desktop
Programming
Attributes

Command Prompt
X

```

User Access Verification

Password:
Password:
Password:

[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

Password:
Password:
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
--More--

```

☐ Top

```

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

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

```

## Command Prompt

Password:

Password:

Switch&gt;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	Transl	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	Transl	Trans2
------	------	------	-----	--------	--------	----------	-----	----------	--------	--------

Remote SPAN VLANs

Primary	Secondary	Type	Ports
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Switch&gt;en

Password:

Switch#conf t

Enter configuration commands, one per line. End with CNTL/Z.

Switch(config)#