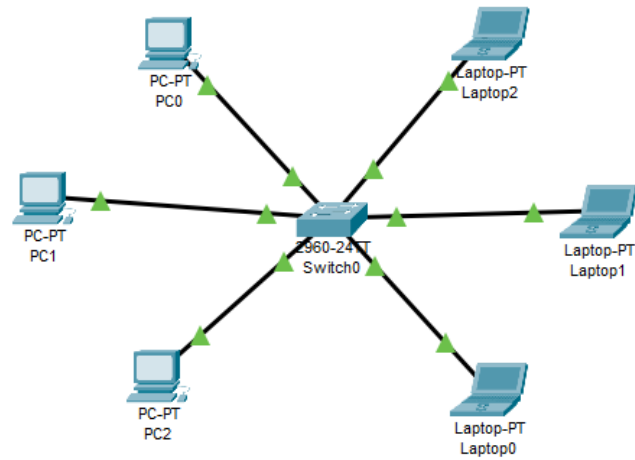


## Практическая работа 6 – Групповое конфигурирование портов при настройке VLAN

### 1. Создаем сеть.



### 2. Создаем VLAN.

```
Switch>en
Switch#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Switch(config)#vlan 2
Switch(config-vlan)#name programmer
Switch(config-vlan)#exit
Switch(config)#vlan 3
Switch(config-vlan)#name bugh
Switch(config-vlan)#exit
```

### 3. Настраиваем порты.


```

Switch(config)#int range fa0/1-3
Switch(config-if-range)#switchpoint mode access
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 2
Switch(config-if-range)#exit
Switch(config)#int range fa0/4-6
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 3
Switch(config-if-range)#exit
Switch(config)#exit
Switch#
%SYS-5-CONFIG_I: Configured from console by console
show vlan

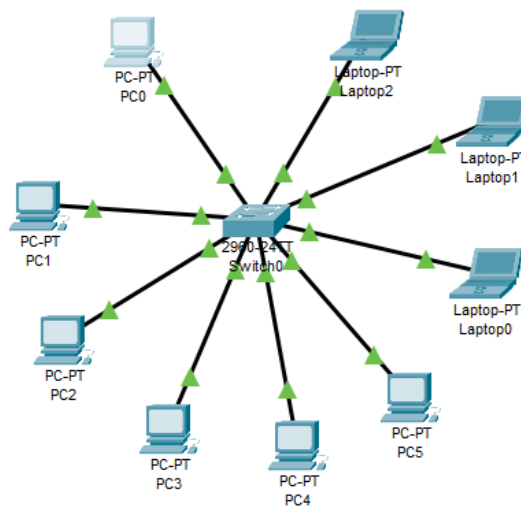
```

VLAN	Name	Status	Ports
1	default	active	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
2	programmer	active	Fa0/1, Fa0/2, Fa0/3
3	bugh	active	Fa0/4, Fa0/5, Fa0/6
1002	fddi-default	active	
1003	token-ring-default	active	
1004	fddinet-default	active	
1005	trnet-default	active	

- Отправляем пакет от программистов бухгалтерам, результат.

Fire	Last Status	Source	Destination
	Failed	PC0	Laptop0

- Создаем и настраиваем третью сеть.



```

Switch(config)#int range fa0/7-9
Switch(config-if-range)#switchport mode access
Switch(config-if-range)#switchport access vlan 4
Switch(config-if-range)#exit
Switch(config)#exit
Switch#show vlan

```

VLAN	Name	Status	Ports
1	default	active	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
2	programmer	active	Fa0/1, Fa0/2, Fa0/3
3	bugh	active	Fa0/4, Fa0/5, Fa0/6
4	director	active	Fa0/7, Fa0/8, Fa0/9
1002	fddi-default	active	

- Отправляем запрос от бухгалтеров и программистов.

```

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.8

Pinging 192.168.0.8 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.0.8:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>

```

```

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.7

Pinging 192.168.0.7 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.0.7:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>

```