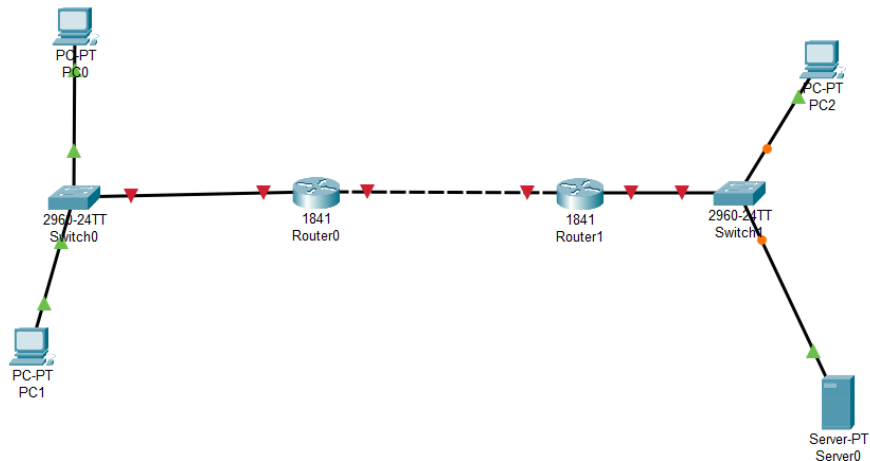


Практика 25



```
Router>en
Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#ip dhcp excluded-address 192.168.1.100
Router(config)#ip dhcp pool net1
Router(dhcp-config)#net 192.168.1.0 255.255.255.0
Router(dhcp-config)#default-router 192.168.1.100
Router(dhcp-config)#dns-server 192.168.1.101
Router(dhcp-config)#int fa0/0
Router(config-if)#ip address 192.168.2.101
% Incomplete command.
Router(config-if)#ip address 192.168.1.100 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#int fal/0
%Invalid interface type and number
Router(config)#int fa 1/0
%Invalid interface type and number
Router(config)#int fal/0
%Invalid interface type and number
Router(config)#int fa 1/0
%Invalid interface type and number
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#conf t
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#int fa 1/0
%Invalid interface type and number
Router(config)#int fal/0
%Invalid interface type and number
Router(config)#int fa0/1
Router(config-if)#ip address 192.168.3.1 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

Router(config-if)#ro rip
Router(config-router)#net 192.168.1.0
Router(config-router)#net 192.168.3.0
Router(config-router)#exit
```

Настройка роутер 0

```

Router#
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#3x3exit
Router(config)#exeiip dhcp excluded-address 192.168.2.100 192.168.2.101
Router(config)#ip dhcp pool net2
Router(dhcp-config)#net 192.168.2.0 255.255.255.0
Router(dhcp-config)#default-router 192.168.2.100
Router(dhcp-config)#dedns-server 192.168.2.101
Router(dhcp-config)#int fa0/0
Router(config-if)#ip address 192.168.2.100 255.255.255.0
Router(config-if)#no sh

Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#totro rip
Router(config-router)#net 192.168.2.0
Router(config-router)#net 192.168.3.0
Router(config-router)#
Router(config-router)#
Router(config-router)#end
Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#
%SYS-5-CONFIG_I: Configured from console by console

Router(config-if)#exit
Router(config)#interface FastEthernet0/1
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/1, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/1, changed state to up
ip address 192.168.3.2 255.255.255.0
Router(config-if)#ip address 192.168.3.2 255.255.255.0
Router(config-if)#
Router(config-if)#

```

Настройка роутер 1

The screenshot displays a PC configuration window with two main panes. The left pane shows a Command Prompt window with the following output:

```

C:\>ping 169.254.3.151

Pinging 169.254.3.151 with 32 bytes of data:

Reply from 192.168.1.100: Destination host unreachable.
Reply from 192.168.1.100: Destination host unreachable.
Reply from 192.168.1.100: Destination host unreachable.
Reply from 192.168.1.100: Destination host unreachable.

Ping statistics for 169.254.3.151:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.2.100

Pinging 192.168.2.100 with 32 bytes of data:

Reply from 192.168.2.100: bytes=32 time<1ms TTL=254
Reply from 192.168.2.100: bytes=32 time<1ms TTL=254
Reply from 192.168.2.100: bytes=32 time<1ms TTL=254
Reply from 192.168.2.100: bytes=32 time<1ms TTL=254

Ping statistics for 192.168.2.100:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 4ms, Average = 1ms

C:\>

```

The right pane shows the configuration interface with tabs for Physical, Config, Desktop, Programming, and Attributes. The Config tab is active, showing the following settings:

- GLOBAL Settings:**
 - Display Name: PC2
 - Interfaces: FastEthernet0
- INTERFACE Settings:**
 - FastEthernet0:
 - Gateway/DNS IPv4:
 - ☒ DHCP
 - ☐ Static
 - Default Gateway: 192.168.2.100
 - DNS Server: 192.168.2.101
 - FastEthernet1:
 - Gateway/DNS IPv6:
 - ☐ Automatic
 - ☒ Static
 - Default Gateway:
 - DNS Server:

