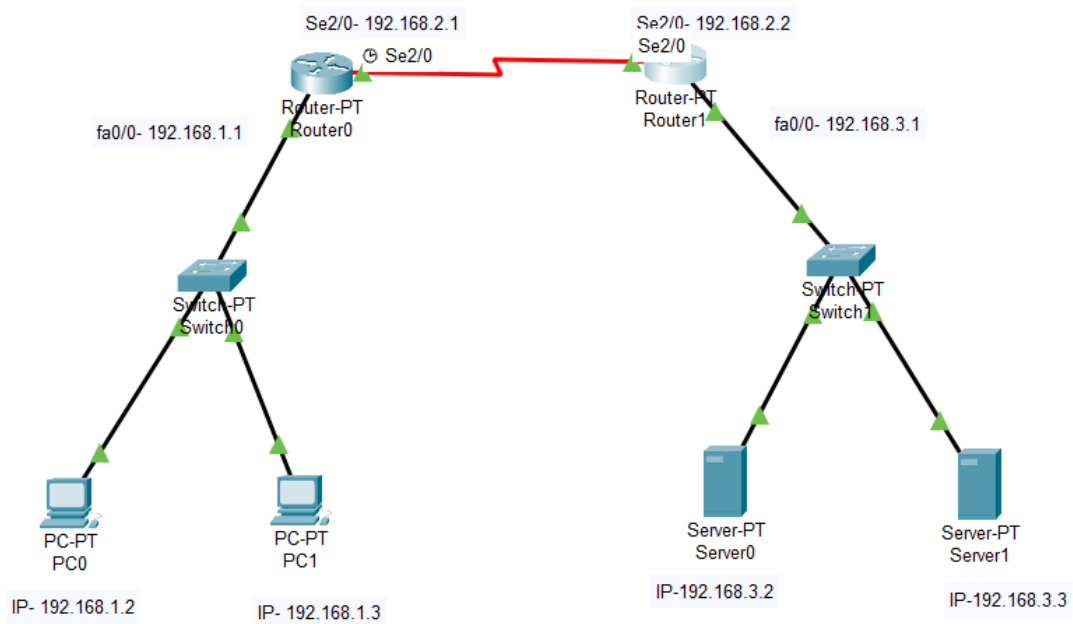


## Topology:



## Allowing PC1 (Before):

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.3.3

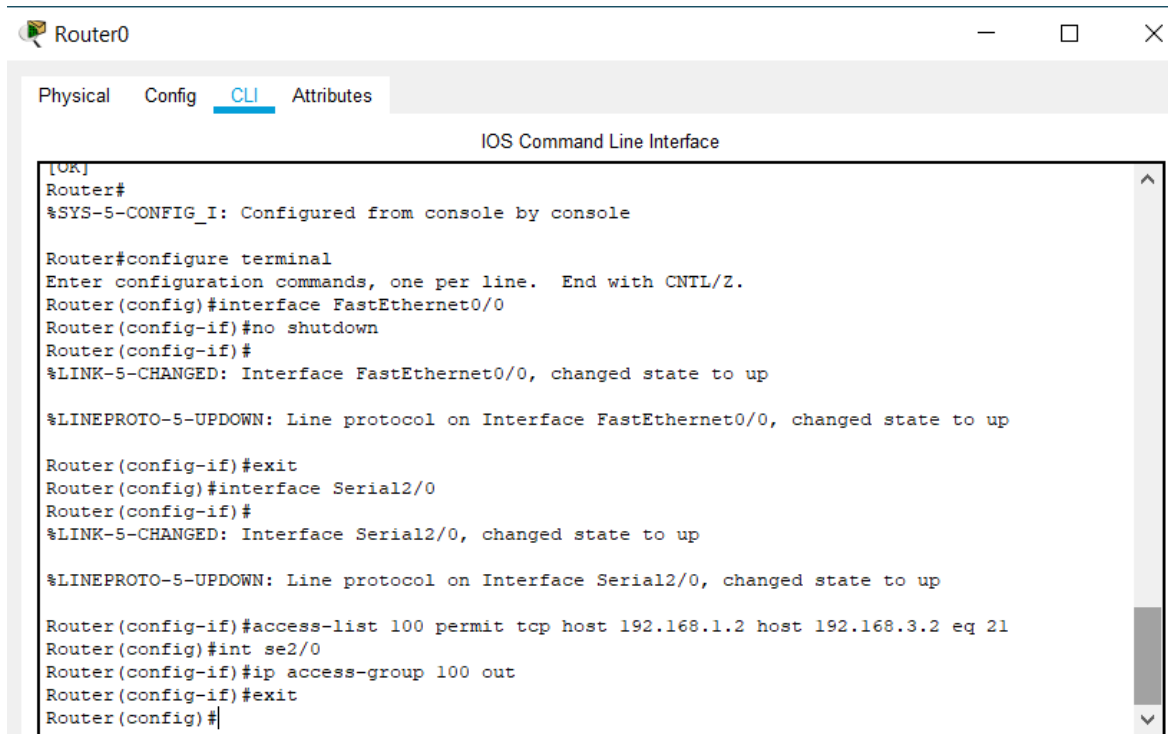
Pinging 192.168.3.3 with 32 bytes of data:

Request timed out.
Reply from 192.168.3.3: bytes=32 time=1ms TTL=126
Reply from 192.168.3.3: bytes=32 time=1ms TTL=126
Reply from 192.168.3.3: bytes=32 time=1ms TTL=126

Ping statistics for 192.168.3.3:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\>
```

## Router 0 Configurations:



The screenshot shows the 'Router0' window with the 'CLI' tab selected. The title bar includes 'Router0' and standard window controls. The tab bar shows 'Physical', 'Config', 'CLI' (active), and 'Attributes'. The main area is titled 'IOS Command Line Interface' and contains a terminal window with the following text:

```
[OK]
Router#
%SYS-5-CONFIG_I: Configured from console by console

Router#configure terminal
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#interface FastEthernet0/0
Router(config-if)#no shutdown
Router(config-if)#
%LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up

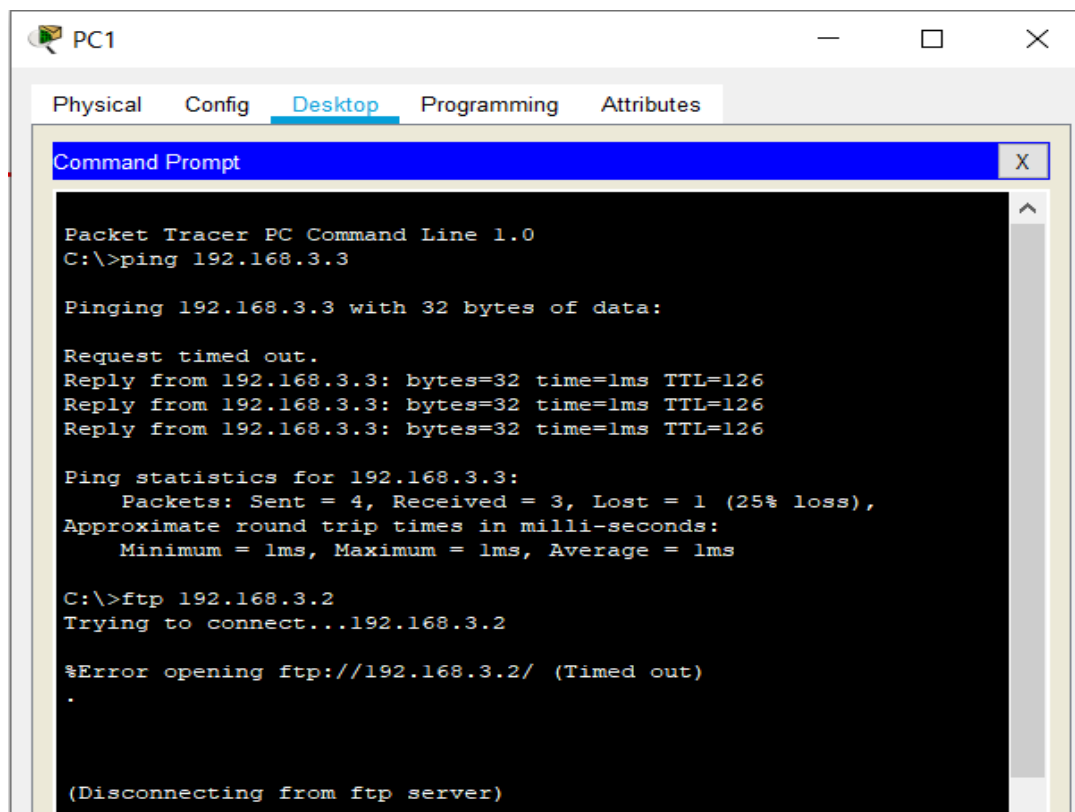
%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config-if)#exit
Router(config)#interface Serial2/0
Router(config-if)#
%LINK-5-CHANGED: Interface Serial2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface Serial2/0, changed state to up

Router(config-if)#access-list 100 permit tcp host 192.168.1.2 host 192.168.3.2 eq 21
Router(config)#int se2/0
Router(config-if)#ip access-group 100 out
Router(config-if)#exit
Router(config)#
```

## Denying PC1 (After):



The screenshot shows the 'PC1' window with the 'Desktop' tab selected. The title bar includes 'PC1' and standard window controls. The tab bar shows 'Physical', 'Config', 'Desktop' (active), 'Programming', and 'Attributes'. The main area contains a 'Command Prompt' window with the following text:

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.3.3

Pinging 192.168.3.3 with 32 bytes of data:

Request timed out.
Reply from 192.168.3.3: bytes=32 time=1ms TTL=126
Reply from 192.168.3.3: bytes=32 time=1ms TTL=126
Reply from 192.168.3.3: bytes=32 time=1ms TTL=126

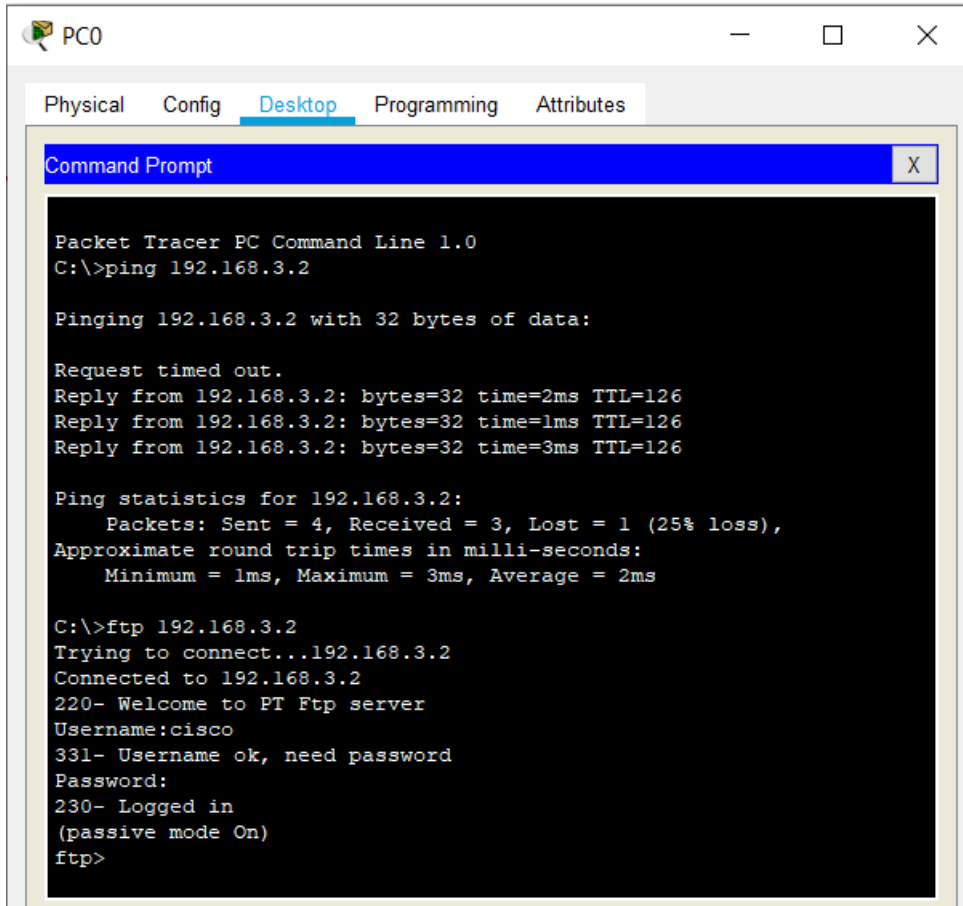
Ping statistics for 192.168.3.3:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 1ms, Average = 1ms

C:\>ftp 192.168.3.2
Trying to connect...192.168.3.2

%Error opening ftp://192.168.3.2/ (Timed out)
.

(Disconnecting from ftp server)
```

## Allowing PC0:



The screenshot shows a Packet Tracer PC window for PC0. The 'Desktop' tab is active, displaying a Command Prompt window. The Command Prompt shows the execution of a ping command to 192.168.3.2, which results in a 25% packet loss. Subsequently, an ftp command is used to connect to 192.168.3.2, and the user successfully logs in with the username 'cisco'.

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.3.2

Pinging 192.168.3.2 with 32 bytes of data:

Request timed out.
Reply from 192.168.3.2: bytes=32 time=2ms TTL=126
Reply from 192.168.3.2: bytes=32 time=1ms TTL=126
Reply from 192.168.3.2: bytes=32 time=3ms TTL=126

Ping statistics for 192.168.3.2:
    Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 1ms, Maximum = 3ms, Average = 2ms

C:\>ftp 192.168.3.2
Trying to connect...192.168.3.2
Connected to 192.168.3.2
220- Welcome to FT Ftp server
Username:cisco
331- Username ok, need password
Password:
230- Logged in
(passive mode On)
ftp>
```