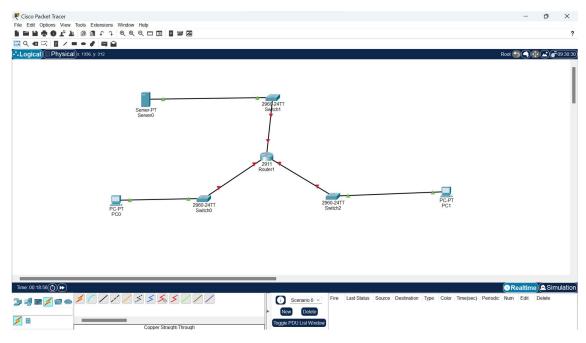
Date: 05/02/2024 Security in Computing

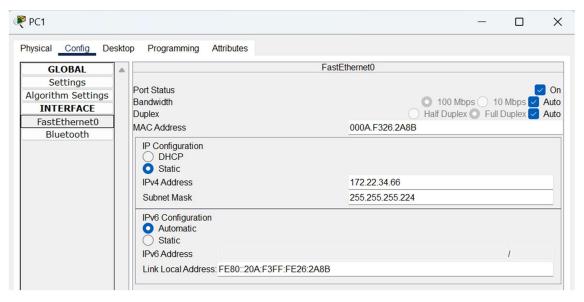
Practical 3A:

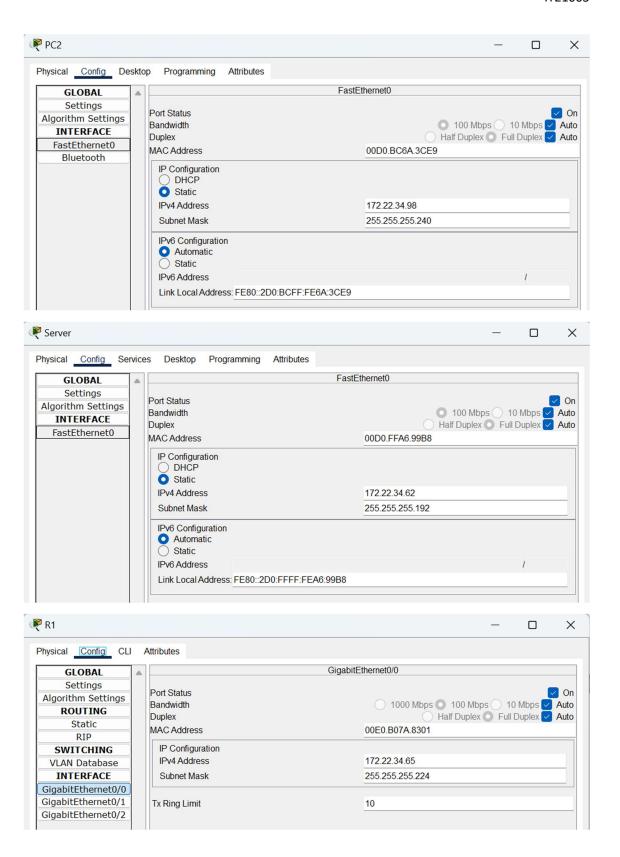
<u>Aim:</u> Configure Extended ACLs.

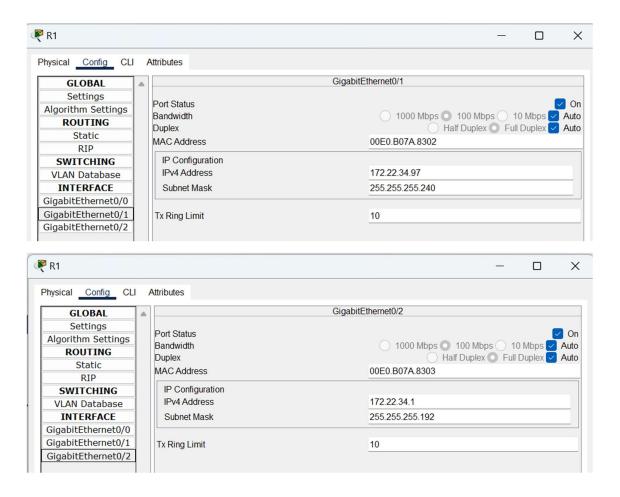
Topology:



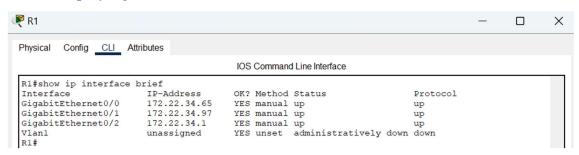
➤ Assign IP Addresses:



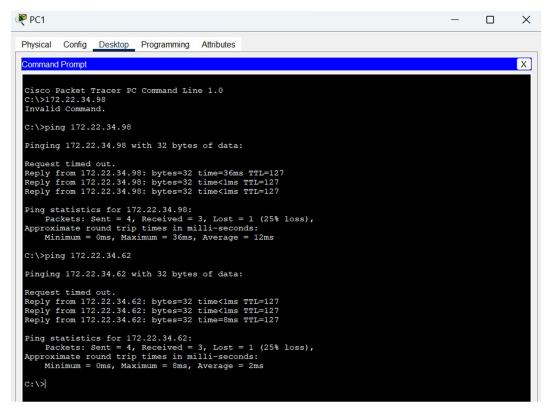




➤ Displaying IP Address Details of R1



➤ Performing Ping from PC-A to Server and PC-B



> Performing Ping from PC-B to Server and PC-A

```
Physical Config Desktop Programming Attributes

Command Prompt

Cisco Packet Tracer PC Command Line 1.0
C:\>ping 172.22.34.66

Pinging 172.22.34.66 with 32 bytes of data:

Reply from 172.22.34.66: bytes=32 time<1ms TTL=127

Ping statistics for 172.22.34.66:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms

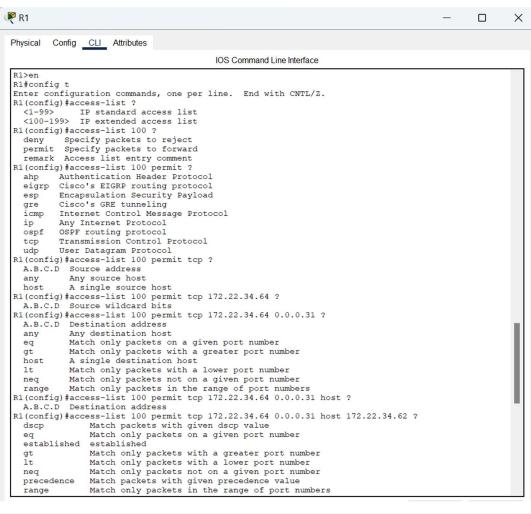
C:\>ping 172.22.34.66

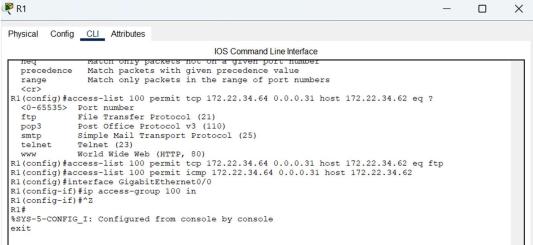
Pinging 172.22.34.66: bytes=32 time<1ms TTL=127

Reply from 172.22.34.66: bytes=32 time<1ms TTL=127

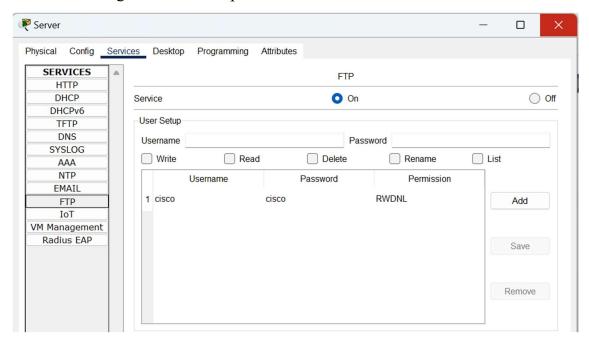
Reply from
```

➤ Configure, Apply and Verify an Extended Numbered ACL (PC-A needs only FTP access and should be able to ping the server, but not PC-B)

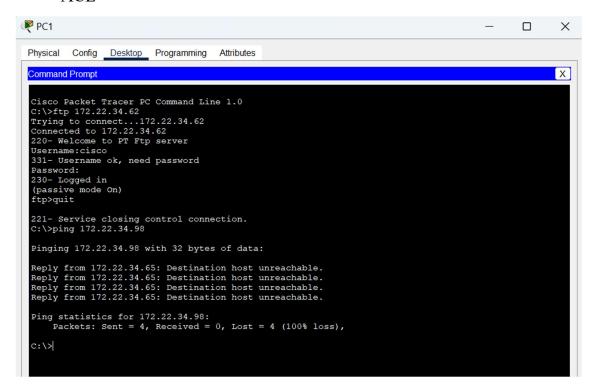




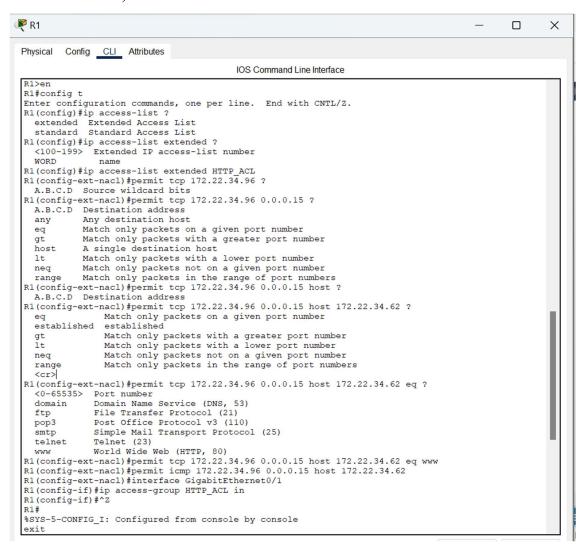
> Checking username and password from server



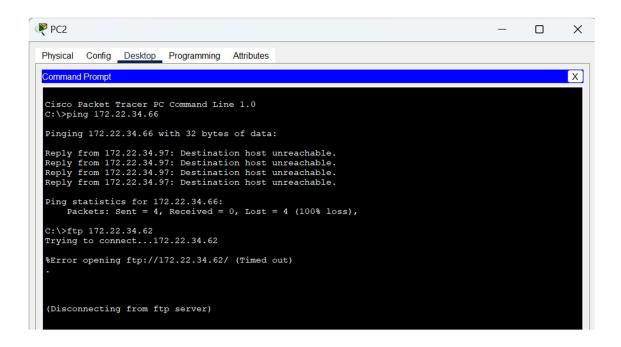
➤ Performing Ping from PC-A to Server and PC-B to check the working of ACL



➤ Configure, Apply and Verify an Extended Named ACL (PC-B needs only web access and should be able to ping the server, but not PC-A)



➤ Performing Ping from PC-B to Server and PC-A to check the working of ACL



> Checking http connection from PC-B

