

<u>Task no : 5</u>

Name = Muhammad waleed

Roll no = SU92-BSSEM-F22-105

Section = 5B

Course = Computer Network

Date = 20-sep-2024

Submitted by = Sir Rasikh Ali

Task 1;

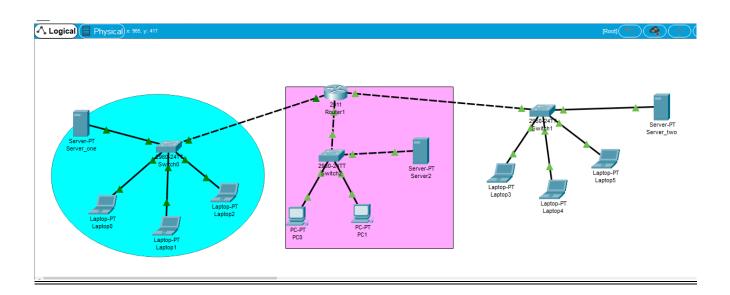
Design network of "Lab-7" and "Lab-8" (2-3 rows of computers) & "Admin" Use:

- Server (for each, total 3)
- Switch (3)
- Router (1)
- End-Devices like Laptop/PC

Assign them IP Address (Dynamically/DHCP)

• Lab 7: 192.168.1.0 • Lab 8: 172.168.5.0

• Admin: 158.168.4.0



Physical Config Services Desktop Programming Attributes

Command Prompt

X

Packet Tracer SERVER Command Line 1.0
C:\>ipconfig

FastEthernet0 Connection:(default port)

Link-local IPv6 Address....: FE80::260:5CFF:FE36:8179
IP Address.....: 192.168.1.2
Subnet Mask....: 255.255.255.0
Default Gateway...:: 192.168.1.1

C:\>

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C:\>ping 192.168.1.2

Pinging 192.168.1.2 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time=5ms TTL=128
Reply from 192.168.1.2: bytes=32 time=4ms TTL=128
Reply from 192.168.1.2: bytes=32 time=3ms TTL=128
Reply from 192.168.1.2: bytes=32 time=2ms TTL=128

Ping statistics for 192.168.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 5ms, Average = 3ms
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