

Name - Vishesh Khar

Course - MCA 2A

Roll no - 20711029

Subject - Computer network

Ques-1 ->

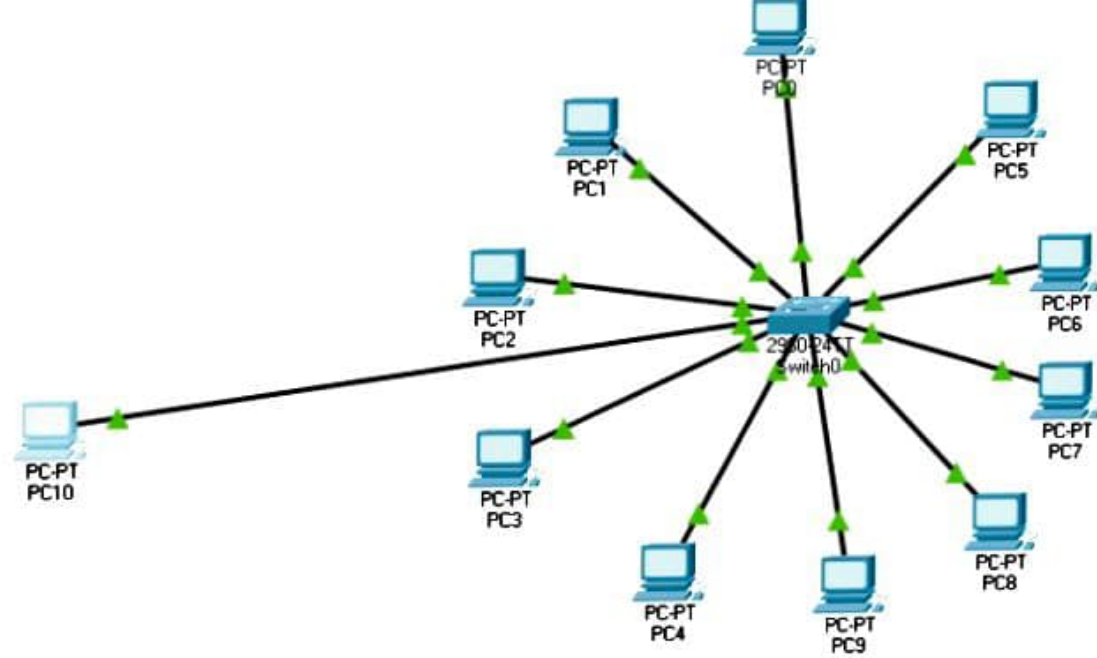
Step 1 -> Drag and drop 10 PCs

Step 2 -> Drag 1 Switch

Step 3 -> Connect all PC with Switch

Step 4 -> Give all PCs IP addresses

Step 5 -> use Ping Command to check Connectivity



Physical Config Desktop Programming Attributes

Command Prompt



Packet Tracer PC Command Line 1.0

C:\>ping 198.168.10.1

Pinging 198.168.10.1 with 32 bytes of data:

Request timed out.

Request timed out.

Request timed out.

Request timed out.

Ping statistics for 198.168.10.1:

Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.10.1

Pinging 192.168.10.1 with 32 bytes of data:

Reply from 192.168.10.1: bytes=32 time=1ms TTL=128

Reply from 192.168.10.1: bytes=32 time=9ms TTL=128

Reply from 192.168.10.1: bytes=32 time=3ms TTL=128

Reply from 192.168.10.1: bytes=32 time=10ms TTL=128

Ping statistics for 192.168.10.1:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 1ms, Maximum = 10ms, Average = 5ms

C:\>

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP☒ Static

IPv4 Address

192.168.10.5

Subnet Mask

255.255.255.0

Default Gateway

0.0.0.0

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic☒ Static

IPv6 Address

Link Local Address

FE80:2E0:F9FF:FEE9:2745

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

Physical Config Desktop Programming Attributes

IP Configuration

Interface FastEthernet0

IP Configuration

☐ DHCP☒ Static

IPv4 Address

192.168.10.1

Subnet Mask

255.255.255.0

Default Gateway

0.0.0.0

DNS Server

0.0.0.0

IPv6 Configuration

☐ Automatic☒ Static

IPv6 Address

Link Local Address

FE80:201:96FF:FED6:197B

Default Gateway

DNS Server

802.1X

☐ Use 802.1X Security

Authentication

MD5

Username

Password

Packet Tracer PC Command Line 1.0

C:\>192.168.10.5

Invalid Command.

C:\> ping 192.168.10.5

Pinging 192.168.10.5 with 32 bytes of data:

Reply from 192.168.10.5: bytes=32 time<1ms TTL=128

Reply from 192.168.10.5: bytes=32 time<1ms TTL=128

Reply from 192.168.10.5: bytes=32 time=13ms TTL=128

Reply from 192.168.10.5: bytes=32 time=10ms TTL=128

Ping statistics for 192.168.10.5:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),

Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 13ms, Average = 5ms

C:\>