Name - Johnt Porpola Course - MCA 13'
Student TD - 20551258 Sub - CN 106

02) Problem Statement => Create a network with 5 Pcs & configure the IP address dynamically.

Objective =) to understand how to configure

EP address dynamically.

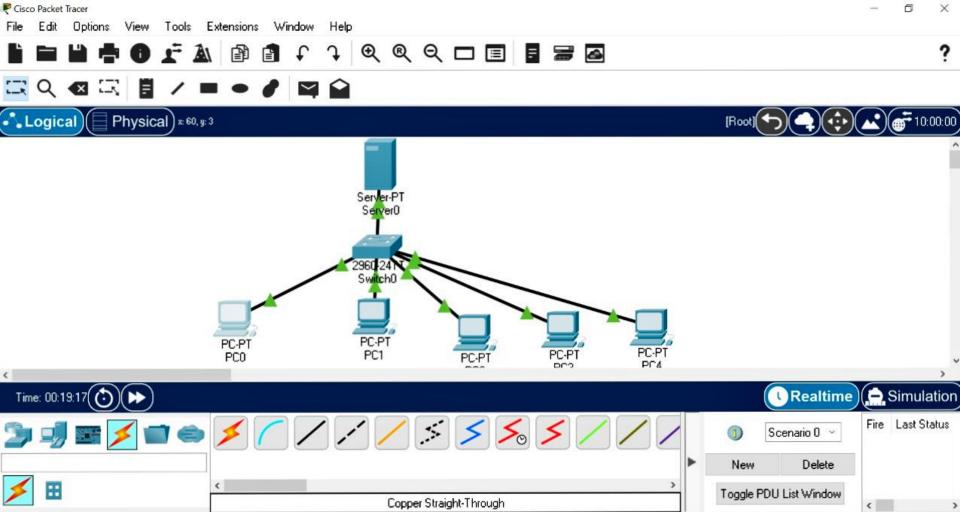
5+ep13 Network design

5+ep23 tp configuration

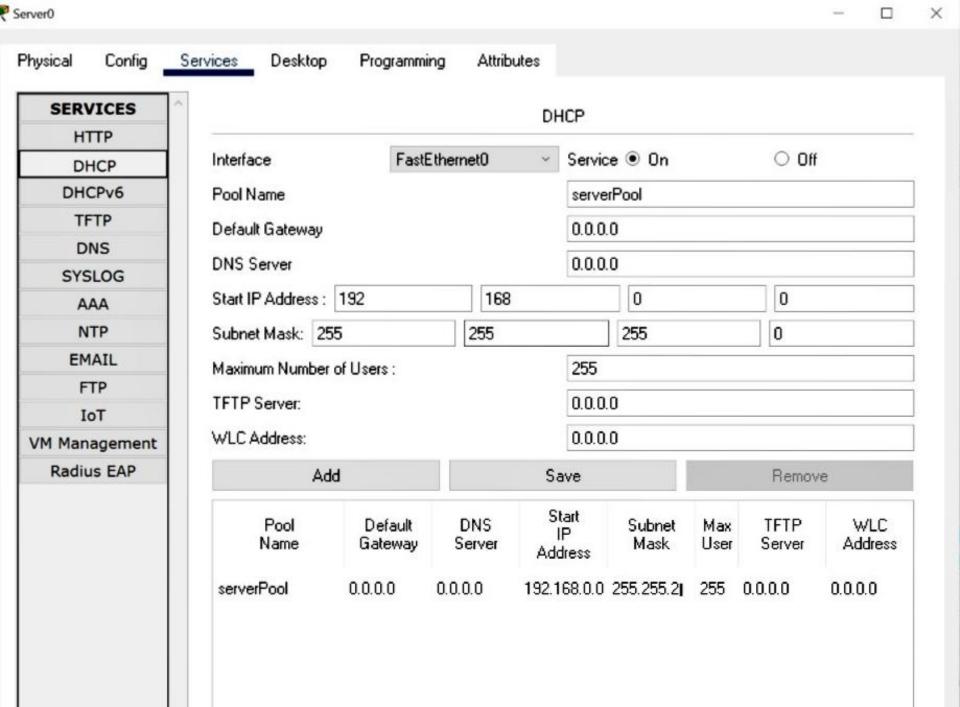
5+ep33 connectivity theck wing ping

command:

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Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.6
Pinging 192.168.0.6 with 32 bytes of data:
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Reply from 192.168.0.6: bytes=32 time=1ms TTL=128
Ping statistics for 192.168.0.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = Oms, Maximum = 1ms, Average = Oms
C:\>ping 192.168.0.6
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Ping statistics for 192.168.0.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\>
```



Configuration		×
IP Configuration		
O DHCP	Static	
IPv4 Address	192.168.0.1	
Subnet Mask	255.255.255.0	
Default Gateway	0.0.0.0	
DNS Server	0.0.0.0	
IPv6 Configuration		
O Automatic	Static	
IPv6 Address		_/
Link Local Address	FE80::207:ECFF:FE47:A151	
Default Gateway		
DNS Server		
802.1X		
Use 802.1X Security		
Authentication MD5		

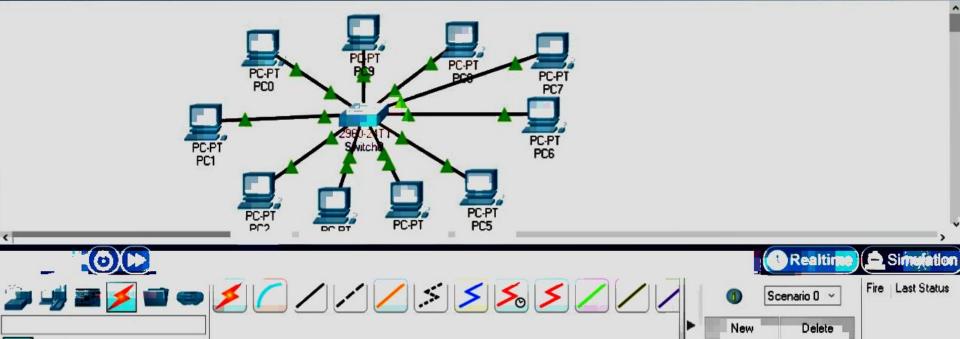


```
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Approximate round trip times in milli-seconds:
   Minimum = Oms, Maximum = Oms, Average = Oms
C:\>
```

Protiem statement =) Derign a Network in which to Pas are arranged with 5722 Tapaingy

chiective -) To configure how to configure t

5+ep1 => Network Delign
2 => t? conf.guration
3 => Ding command.



Interface	FastEthernet0			
IP Configuration	on			
O DHCP		Static		
IPv4 Address		192.168.0.2		
Subnet Mask		255.255.255.0		
Default Gateway		0.0.0.0		
DNS Server		0.0.0.0		
IPv6 Configura	ation			
O Automatic		Static		
IPv6 Address				
Link Local Address		FE80::209:7CFF:FEE5:638		
Default Gatew	ıay			
DNS Server				
802.1X				
☐ Use 802.1>	K Security			
Authentication		~		
Username				
Password				

```
Packet Tracer PC Command Line 1.0
C:\>ping 192.168.0.6
Pinging 192.168.0.6 with 32 bytes of data:
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.0.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
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Pinging 192.168.0.6 with 32 bytes of data:
Reply from 192.168.0.6: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.0.6:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
   Minimum = Oms, Maximum = Oms, Average = Oms
C:\>
```