

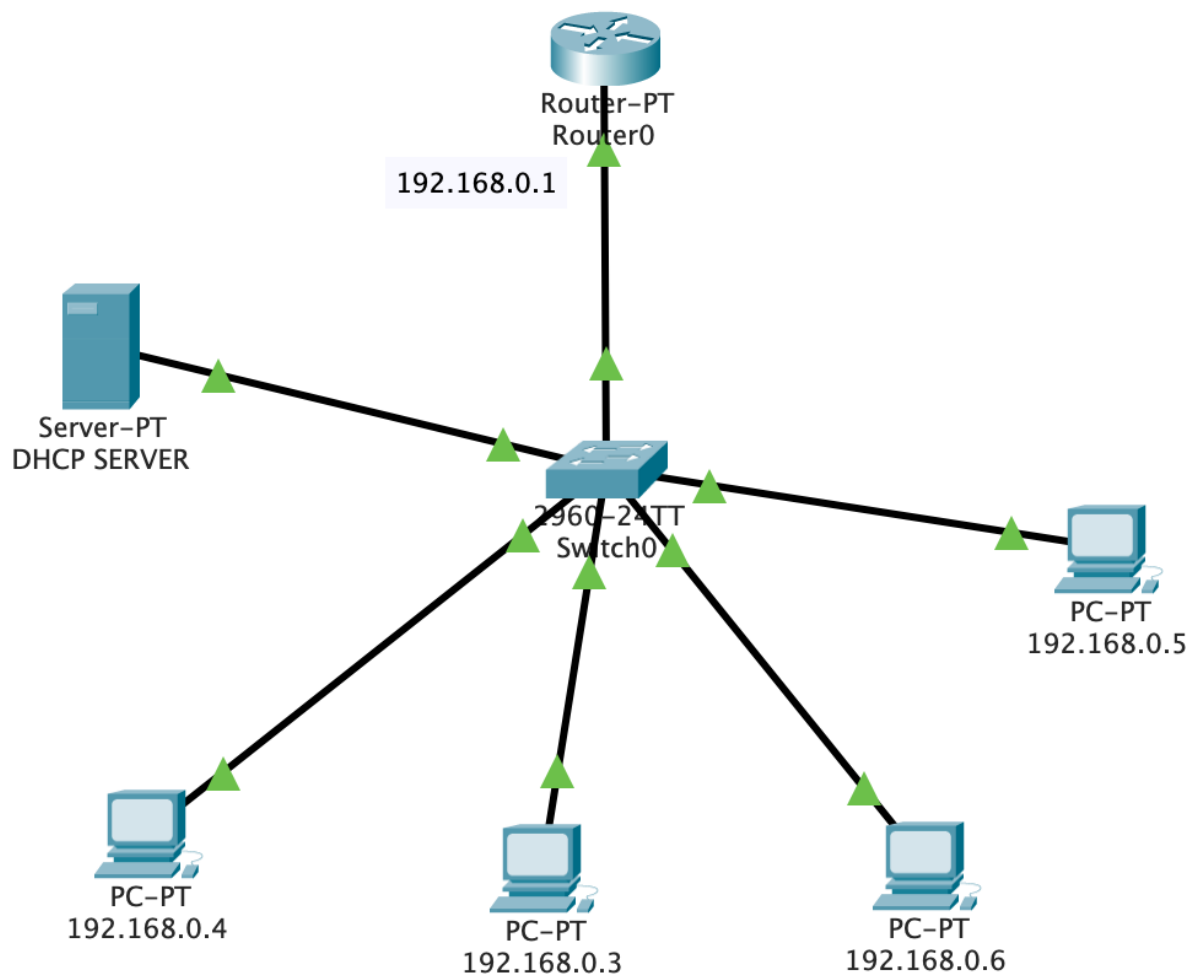
Date: 06 / 09 / 2022

**Lab Practical #08:**

Implement the various network protocols - DHCP

**Practical Assignment #08:**

Implement the application protocol - DHCP using packet tracer.



Date: 06 / 09 / 2022

●●●

**DHCP SERVER**

PhysicalConfigServicesDesktopProgrammingAttributes

SERVICES

HTTP

DHCP

DHCPv6

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

IoT

VM Management

Radius EAP

DHCP

Interface

FastEthernet0

Service ☒ On ☐ Off

Pool Name

serverPool

Default Gateway

192.168.0.1

DNS Server

0.0.0.0

Start IP Address :

192

168

0

0

Subnet Mask:

255

255

255

0

Maximum Number of Users :

255

TFTP Server:

0.0.0.0

WLC Address:

0.0.0.0

Add

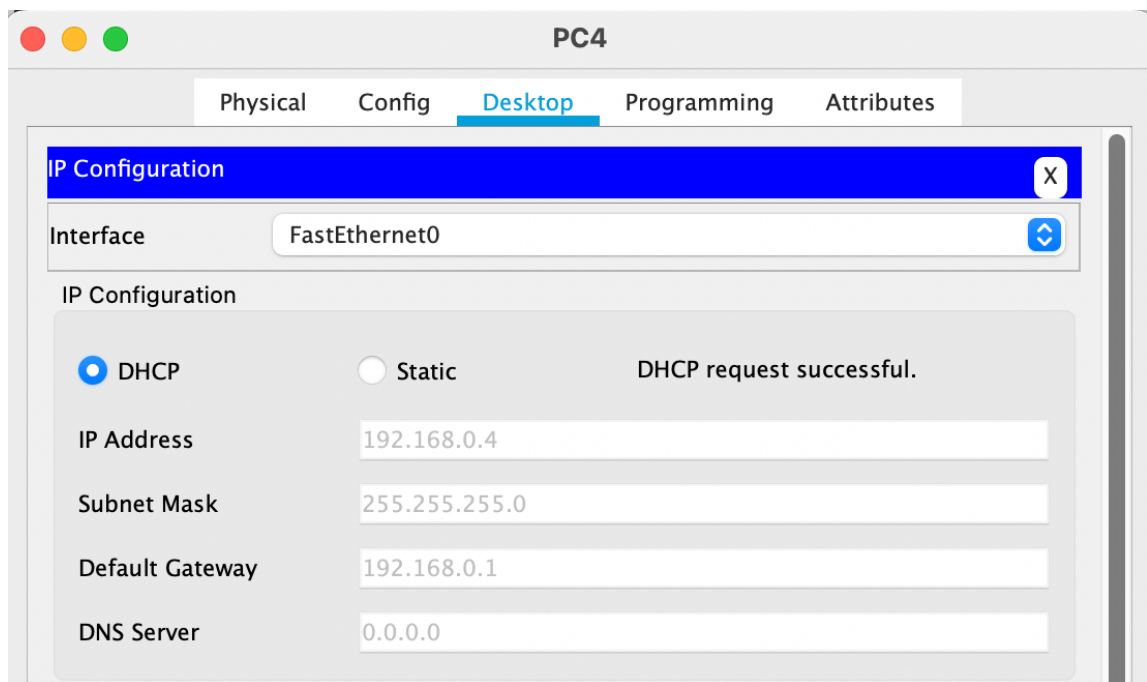
Save

Remove

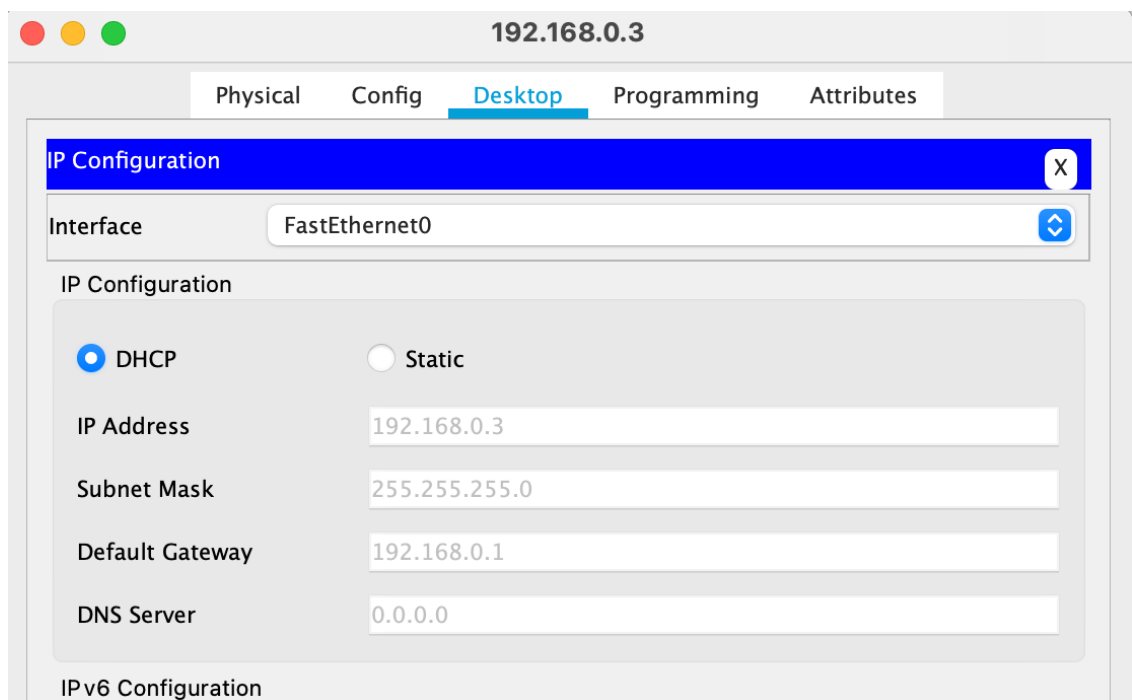
Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max Users	TFTP Server	WLC Address
POOL	192...	0.0.0.0	192...	255...	...	0.0.0.0	0.0.0.0
serverPool	192...	0.0.0.0	192...	255...	...	0.0.0.0	0.0.0.0

DHCP Configuration

Date: 06 / 09 / 2022

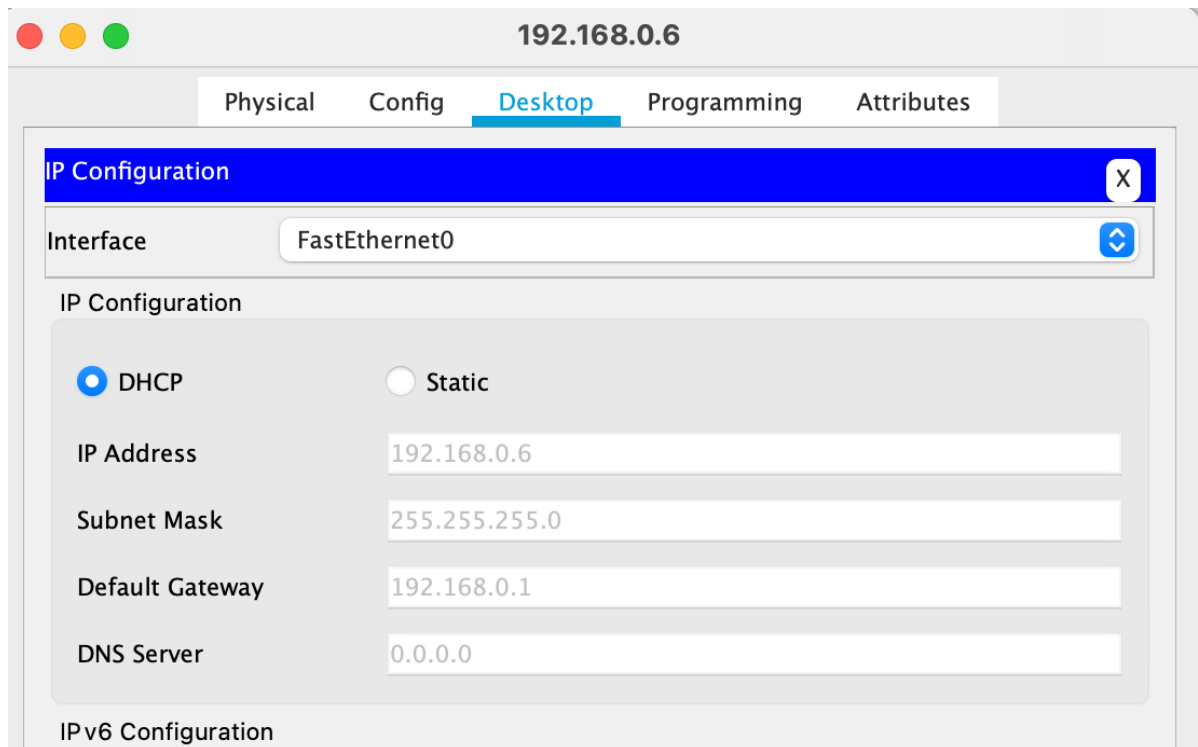


Automatic IP, subnet mask & Default Getway Assign



Automatic IP, subnet mask & Default Getway Assign

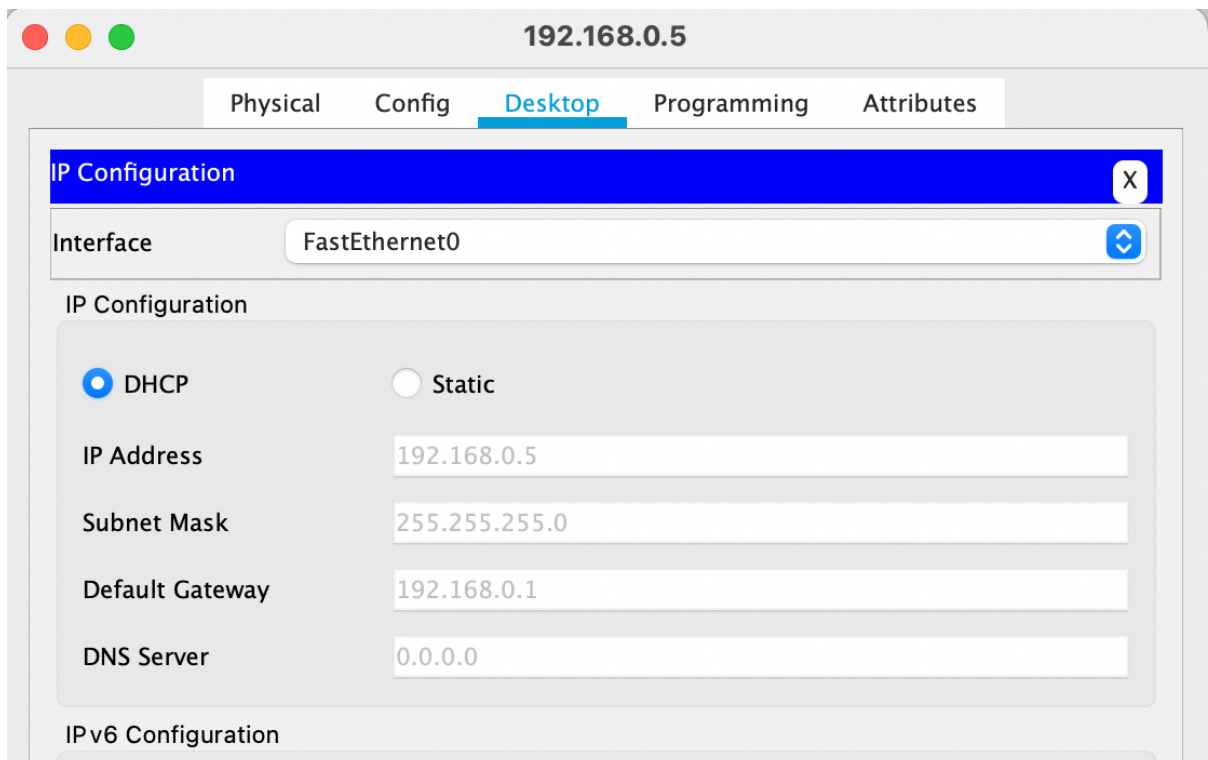
Date: 06 / 09 / 2022



The screenshot shows a network configuration window titled "192.168.0.6". It has tabs for "Physical", "Config", "Desktop" (selected), "Programming", and "Attributes". The "IP Configuration" section is active, showing the "Interface" as "FastEthernet0". Under "IP Configuration", the "DHCP" radio button is selected, and the "Static" radio button is unselected. The fields for "IP Address", "Subnet Mask", "Default Gateway", and "DNS Server" are all empty, indicating automatic assignment.

Field	Value
Interface	FastEthernet0
IP Configuration	
DHCP	<input checked="" type="radio"/>
Static	<input type="radio"/>
IP Address	
Subnet Mask	
Default Gateway	
DNS Server	

Automatic IP, subnet mask & Default Getway Assign



The screenshot shows a network configuration window titled "192.168.0.5". It has tabs for "Physical", "Config", "Desktop" (selected), "Programming", and "Attributes". The "IP Configuration" section is active, showing the "Interface" as "FastEthernet0". Under "IP Configuration", the "DHCP" radio button is selected, and the "Static" radio button is unselected. The fields for "IP Address", "Subnet Mask", "Default Gateway", and "DNS Server" are all empty, indicating automatic assignment.

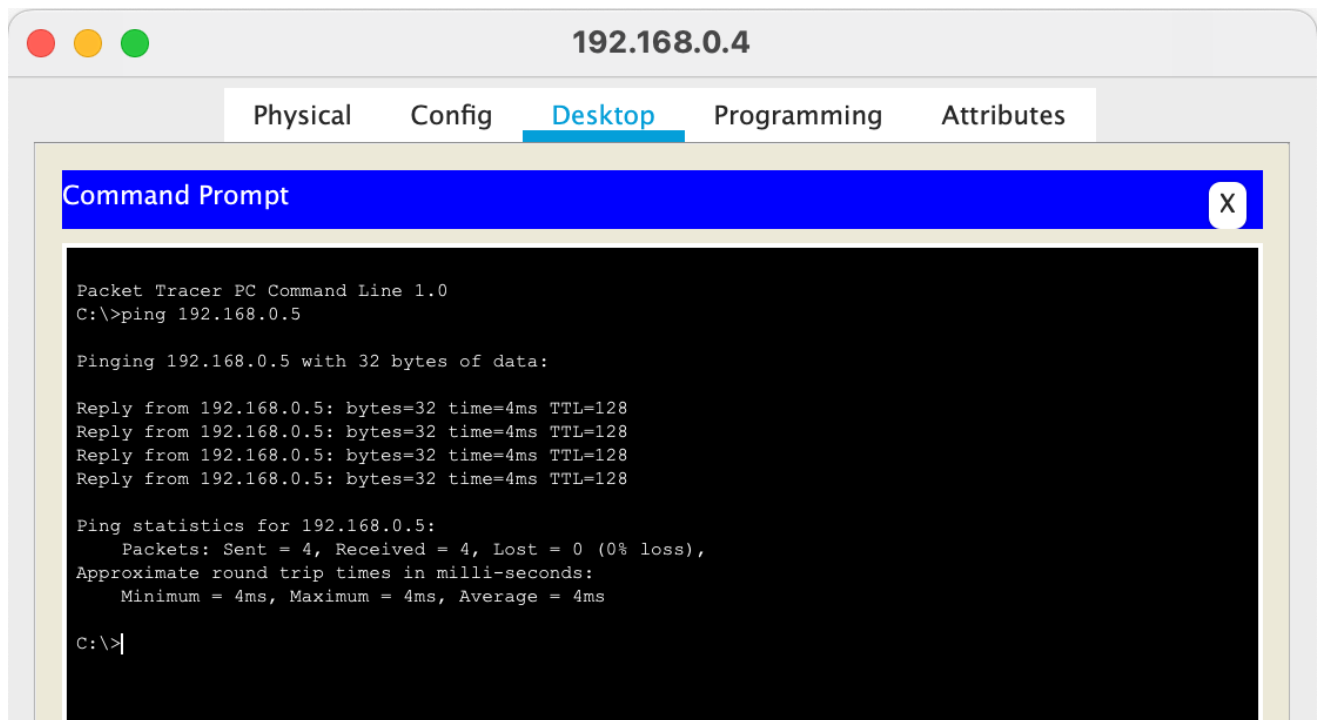
Field	Value
Interface	FastEthernet0
IP Configuration	
DHCP	<input checked="" type="radio"/>
Static	<input type="radio"/>
IP Address	
Subnet Mask	
Default Gateway	
DNS Server	

Automatic IP, subnet mask & Default Getway Assign

**DARSHAN INSTITUTE OF ENGINEERING & TECHNOLOGY**  
**Semester 5<sup>th</sup> | Practical Assignment | Computer Networks (3150710)**

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Date: 06 / 09 / 2022



Ping from 192.168.0.4 to 192.168.0.5