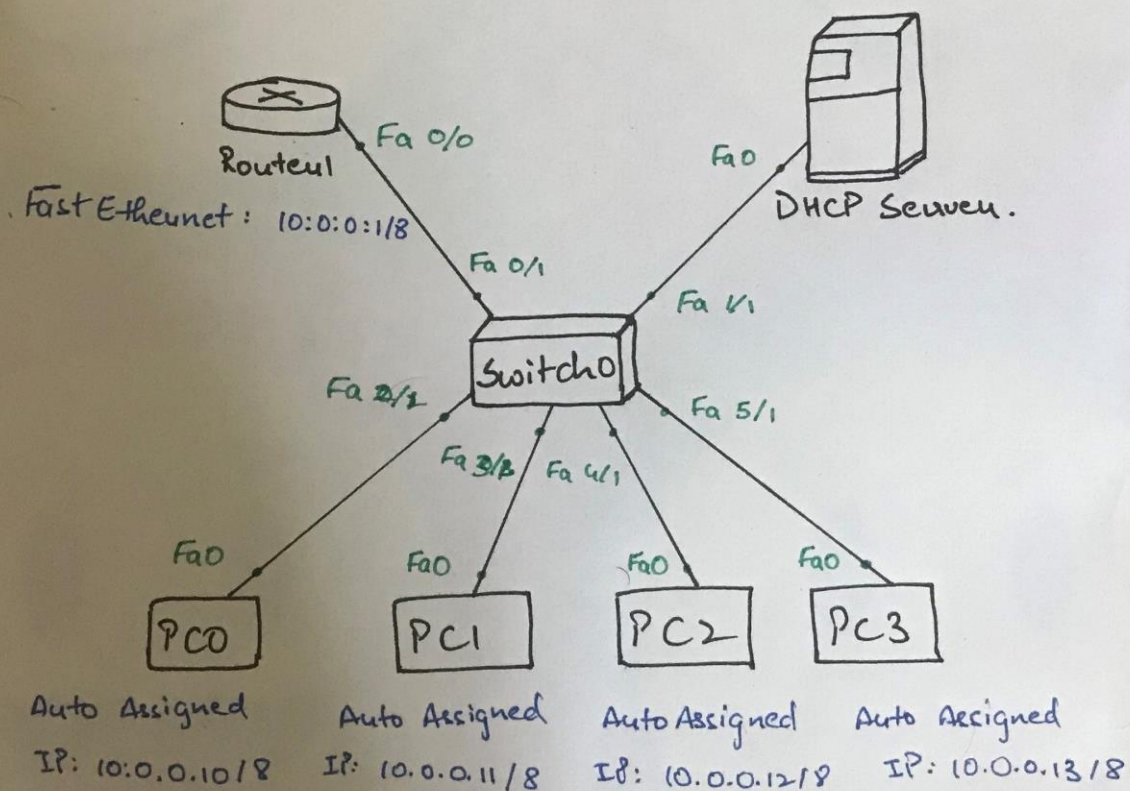
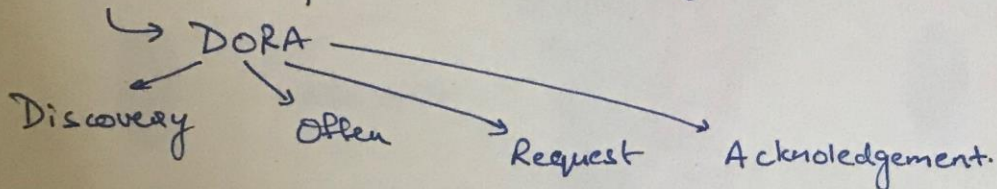


DHCP Servers Configuration.

DHCP → Dynamic Host Configuration Protocol



DHCP Server

Gateway: 10.0.0.1/8

DNS server: 10.0.0.2/8

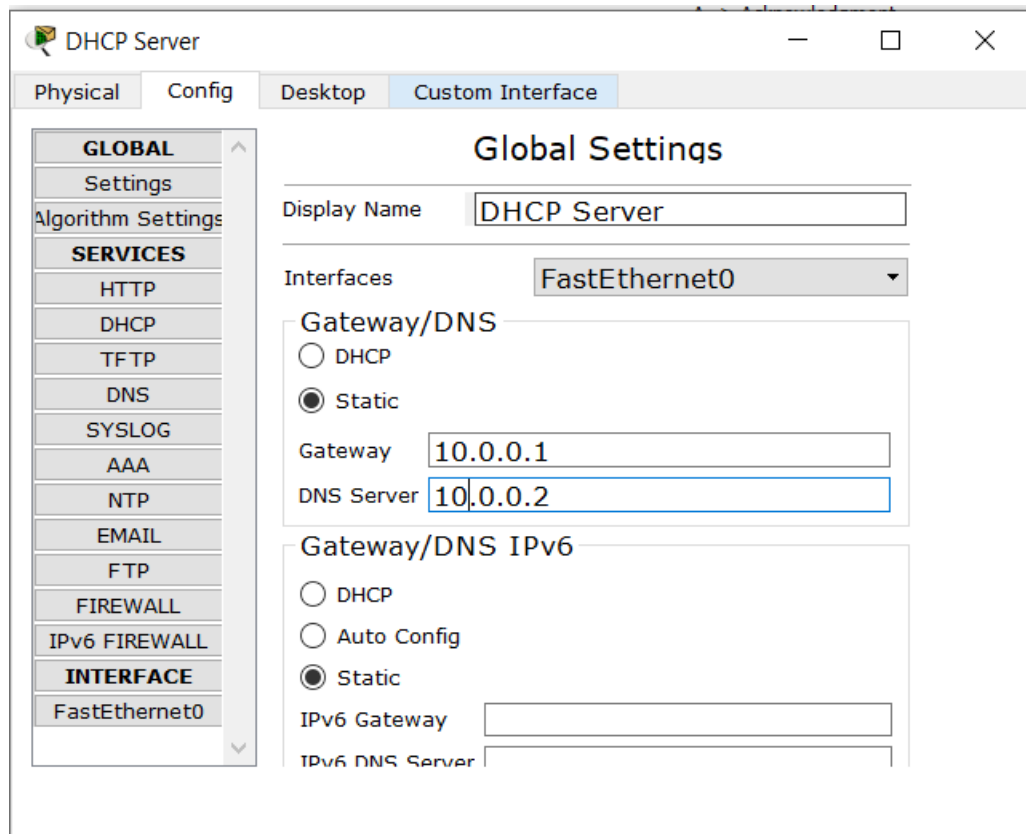
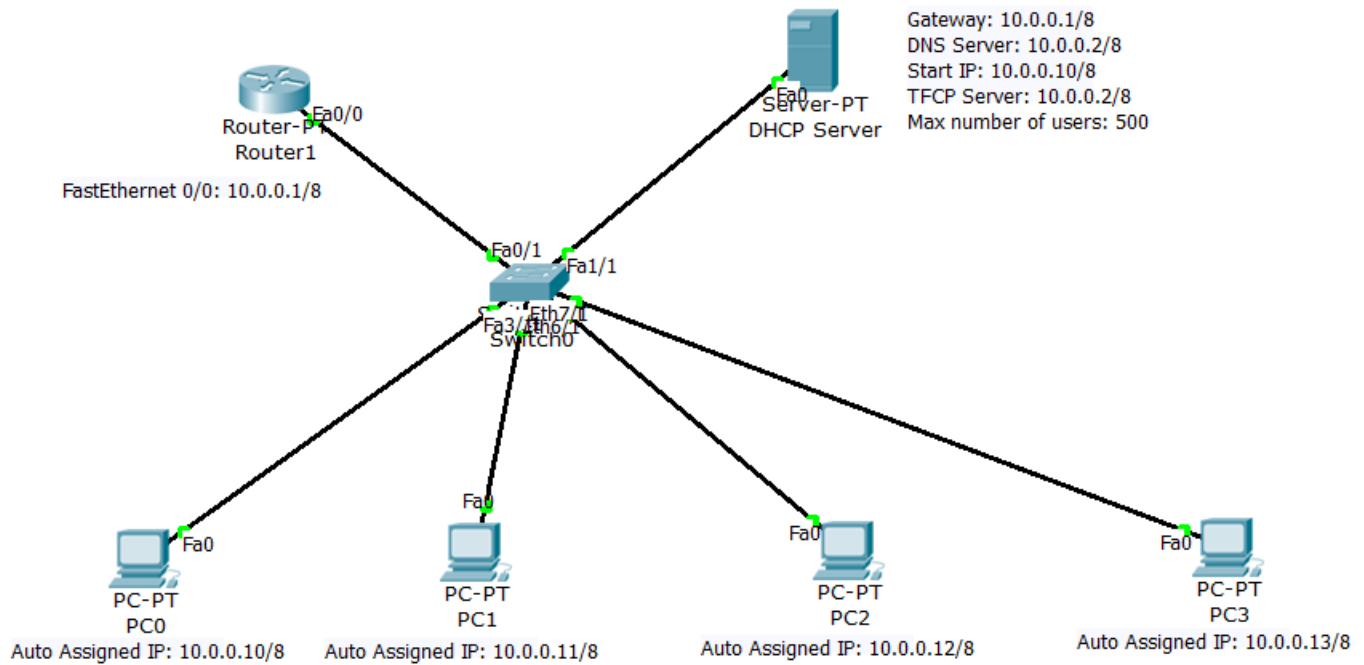
START IP: 10.0.0.10/8

TFTP server: 10.0.0.2/8

max no. of users: 500

DHCP:- Dinamic Host Configuration Protocol

DHCP does 4 things
D -> Discovery
O -> Offer
R -> Request
A -> Acknowledgment



DHCP Server

PhysicalConfigDesktopCustom Interface

GLOBAL

Settings

Algorithm Settings

SERVICES

HTTP

DHCP

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

FIREWALL

IPv6 FIREWALL

INTERFACE

FastEthernet0

FastEthernet0

Port Status ☒ On

Bandwidth ☒ Auto

☐ 10 Mbps
☒ 100 Mbps

Duplex ☒ Auto

☒ Full Duplex
☐ Half Duplex

MAC Address 0090.21B8.0826

IP Configuration

☐ DHCP
☒ Static

IP Address 10.0.0.2

Subnet Mask 255.0.0.0

IPv6 Configuration

Link Local Address: 290:21FF:FEB8:826

☐ DHCP
☐ Auto Config

DHCP Server

PhysicalConfigDesktopCustom Interface

GLOBAL

Settings

Algorithm Settings

SERVICES

HTTP

DHCP

TFTP

DNS

SYSLOG

AAA

NTP

EMAIL

FTP

FIREWALL

IPv6 FIREWALL

INTERFACE

FastEthernet0

DHCP

Service ☒ On ☐ Off

Pool Name serverPool

Default Gateway 10.0.0.1

DNS Server 10.0.0.2

Start IP Address : 10 0 0 10

Subnet Mask: 255 0 0 0

Maximum number of Users : 500

TFTP Server: 10.0.0.2

Add

Save

Remove

Pool Name	Default Gateway	DNS Server	Start IP Address	Subnet Mask	Max Number	TFTP Server
serverPool	10.0.0.1	10.0.0.2	10.0.0.10	255.0.0.0	500	10.0.0.2