

PLATINUM JUBLEE

Celebrating 75 years of WCE & 20 years of Department





Walchand College of Engineering, Sangli

(Government Aided Autonomous Institute)

Department of Information Technology

Computer Networks Lab

EVEN SEMESTER AY 2021-22

Submitted by

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Batch: S2

Course Code: 5IT272

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Department of Information Technology

2021-22

Experiment Number: 4

Experiment Name: Implement class A or B or C network with auto IP

configuration using DHCP protocol on router

and observe IP configuration on host machine (PC).

Contents:

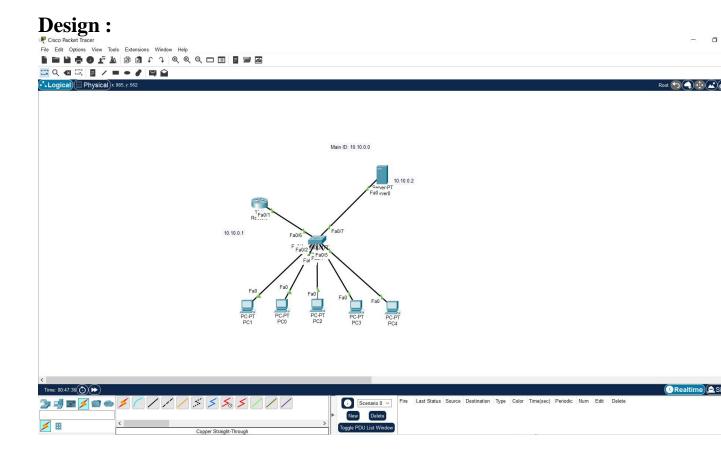
Problem Statement: Implement class A or B or C network with auto IP

configuration using DHCP protocol on router

and observe IP configuration on host machine (PC).

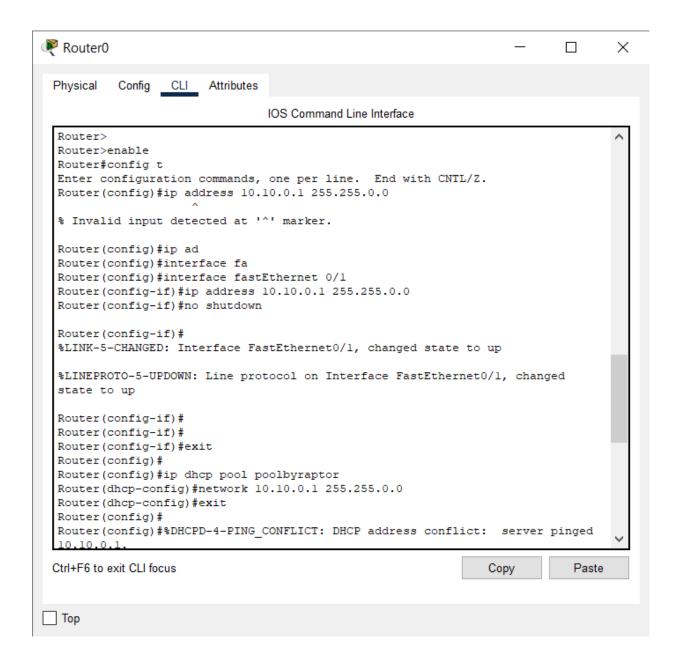
Platform: CISCO packet tracer

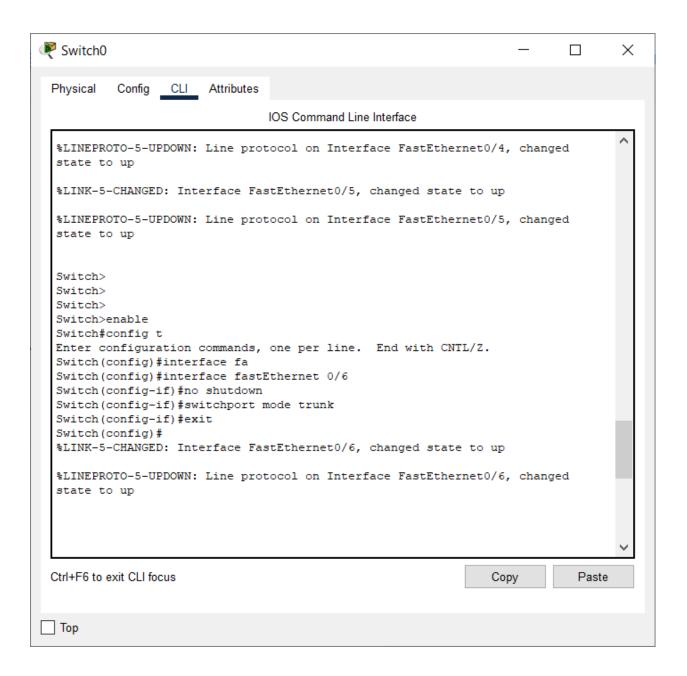
Devices Required: PC, Switch (2960-24TT), Router (1841).



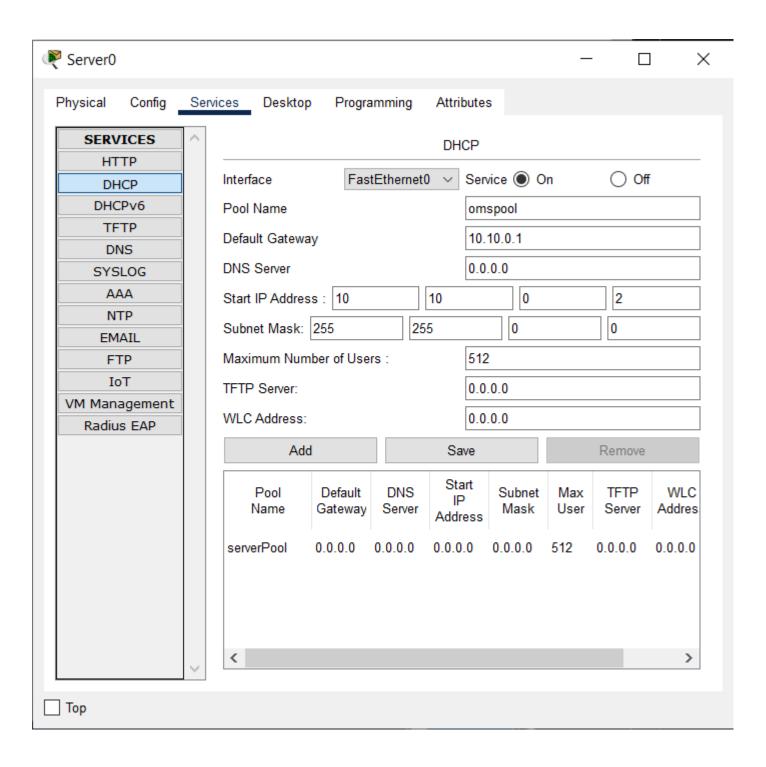
Implementation:

- i) Create the topology as shown in the above image.
- ii) After creating the topology configure the network

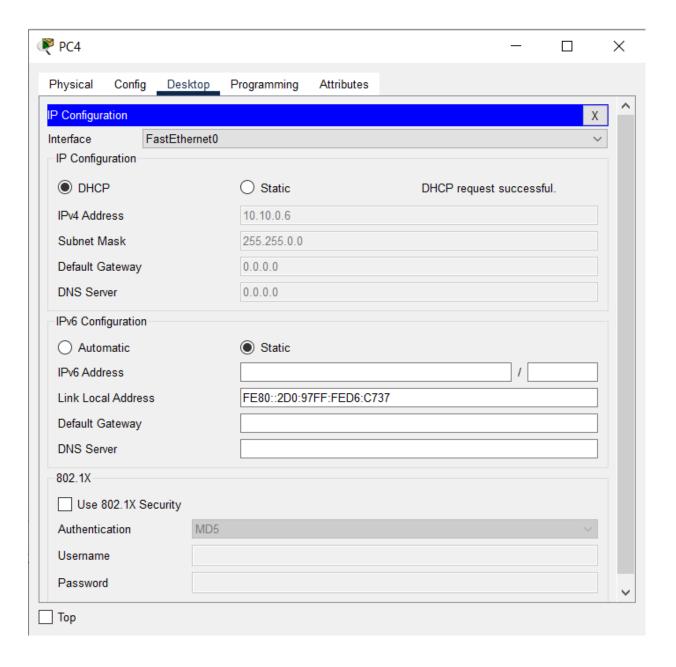




iii) Configure the server and turn on the DHCP, add server pool to the server.



iv) Turn on the DHCP in every system to give the ip to the computers.



| Results: DHCP protocols gives the IP to every end system network. | in the |
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| network. | |
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| | Dr. P. K. Kharat |
| | (Course Teacher) |
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