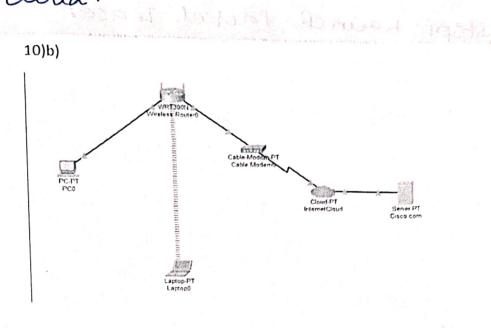
EXPNo: LOD

Design of configure.
Staternelwork,

AIM:

Design and configure an internetwork using wireless router, DHCP server and internet cloud.



Addressing Table

Device Interface IP Address subnetmark default 1

PC etherneto DHCP etherneto DHCP

wireless LAN 192-168-0.1 288.285.255.0

wireless internet DHCP

virelets interest 208.67.220.220 258.255.25.0, associan ethernet 208.67.220.220

objectives:

part 1: Build a simple Network in the Logical Topology workspace.

Part 2: configure the Network Levices

Part 3: Test connectivity between Network devices

Part 4: save the file and close Packet

Step1: Launch Packet Tracer

Step 2: Building the Topology

- a) Add network devices to the workspace
- 1) change display name of the Network devices
- c) Add the physical cabling between devices on the workspace.

Past 2:

step1: configure the wireless souter.

a) create the wireless network on the wireless nouter.

W click on the save settings tab.

step2: configure the Laptop.

a) configure the Laptop to access the wireless network.

Step3: configure the PC'S

a) configure the PC for the wired network . Now prologo

step4: configure the Internet cloud a) Install network modules if necessaly D) Identity the form and to ports

steps: configure the cisco com server

- a) configure the CISCO. com server as a DHCP server.
- b) configure the CISCO. com server as a possible domain name to IPV 4 address. resolution.
- c) configure the CIOCO. com server global settings.
- d) configure the cisco com server Faitthemet O interpace settings. Todovisede moderne

1. when down her ked harred on of the

consider confidence in compared in organization in consideration in consid

what is the right-course of that server

Part 3: verify connectivity
etep1: Reflect the 1PV4 settings on the PC
etep1: Reflect the PC is receiving 1PV4
a) verify that the PC is receiving 1PV4
configuration information from DHCP.
configuration information from DHCP.
b) Test connectivity to the cisco. com
server from PC.

Student Observation: 1. write down the key features of

AND REPORT OF

configurating wiveless obuter and DHCP server

No month grant the cisco was serve

MINCH SCHOOL .

wireless nouter configuration includes setting SSID, Se curity Key, iprange, and enabling DHCP for automatic It assignment.

What is the significance of DHCP server in internetworking DHCP server simplifies, internetworking automaticelly assigning IP addiesses, reducing manual vontigueation euros

Design and configure an internetwork in your lab using switch, couter and ethernet cables.

A network was designed using a

Noute with and per connected ha ethernet casses each device configuer with unique ip addresses for communication

EACHON, Selmonial of PIN WIND CIECOPACE. A 300 A 31 P 2 P 3 a el plate posta SILL TOP SALLALLE TO THE WILLIAM Marine Alexander Vall Andrew Alexander The world have notify have not probably resimply to them. A subject to a subject of the second Notific It address to introduce of sentent DERLIE ERICK ROUGE C BATH STAKE and pled einer key to access to a commend from to be possessed. Following commands are weed to access ere grobal configuration mode. th enable. et weightedering Following commands will assign. In exhibe Fast Ethernet 010. it intespace Factethelinet 010 0.00.25% 1.0.0.01 MONTED ditt the No eluctronom. wexit. verial interporce need two additional restul Villey decique Result: The internetwork was successfully designed ond configured using a vireless router, and configured using a vireless router,