

LAB 5

EXP-4

Lab 5

Exp-5

Goal: -
 - configure DHCP within a LAN & outside LAN

Topology:

Procedure:

- add 2 switches & 3 end device & on router
- go to server desktop, install service DHCP
- change the address on change IP
- make no. of devices & add
- go to desktop IP config of all end device
- automatic IP will be given
- IP address = 10.0.0.2
- IP gateway = 10.0.0.1
- go to config -> services -> DHCP
- IP gateway 10.0.0.1 show
- IP address 10.0.0.3 & max number
- take another switch & connect 3 end device.
- connect 2 switch to router through

Automatic

IP 10.0.0.2
 def gateway 10.0.0.1
 change pool name
 def gateway 10.0.0.1
 ~ make another pool & add
 ~ def gateway 10.0.0.1
 IP - 20.0.0.3
 max - 100
 ADP
 route terminal
 cli command
 # interface FastEthernet 0/0
 # ip address 10.0.0.1 255.255.255.0
 # ip helper-address 10.0.0.2
 # no shut
 do save for other 1 0/0
 observation
 # ping 10.0.0.4
 ping 10.0.0.4 with 24 bytes of data
 reply from 10.0.0.4 bytes = 32 bits = 0m
 ping statistics for 10.0.0.4:
 packets sent = 4, received = 4, lost = 0, 0% loss
 Approximate round trip times in ms
 min = 0m, max = 0m, Average = 0m

