lab - 6

AIM: Configuring DHCP within a LAN in packet tracer

Router 0

.0.0.0.4

Switch 0

10.0.0.5

PC0

serverO

PC1   PC2
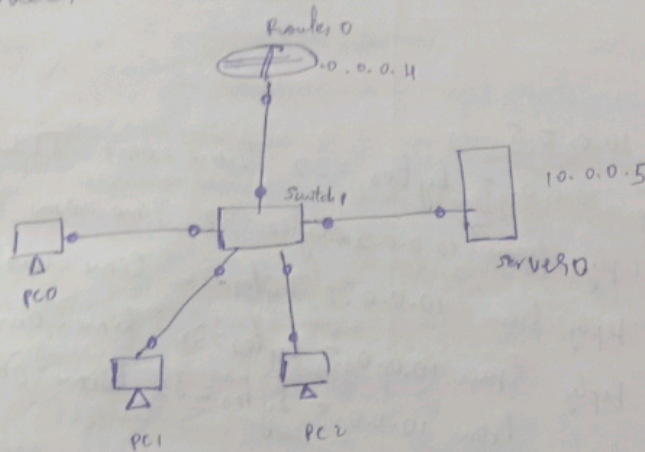
configure router

Router > enable

Router # config t

Router (config) # interface fastethenet 0/0

Router (config if) # ip address 10.0.0.4 255.0.0.0

Router (config if) # no shutdown

Configure server

servin → DHCP → onservire

Default gateway 10.0.0.1

DNS server 10.0.0.2

Start IP address 10.0.0.3

Subnet mask 255.0.0.0

TFTP server 10.0.0.2

Observation: After performing these steps, it will automatically allocates IP address to all end devices

Result:

> ping 10.0.0.5

pinging 10.0.0.5 bytes = 32 time = 0ms TTL = 128

Reply from 10.0.0.5 bytes = 32 time = 0ms TTL = 128

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ping statistics for 10.0.0.5

packets: Sent = 4, Received = 4 lost = 0 (0% loss)