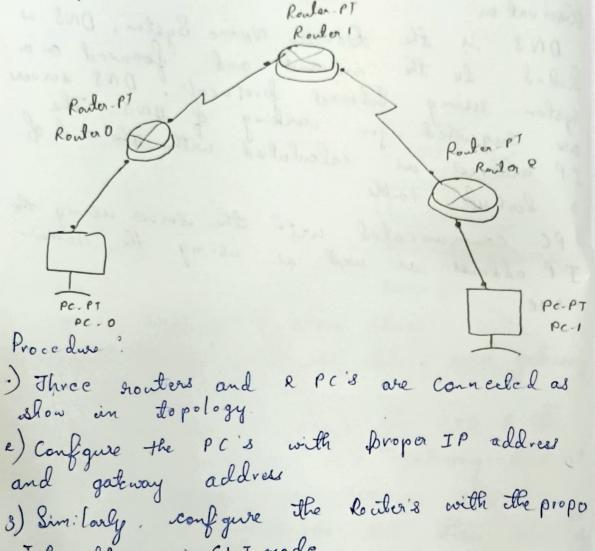
Lab-5.[,] Aim : Configuring DNS server with LAN Topology: Son ven - PT Procedure Server O) Create a topology as shown above 2) Configure the pc with IP address and gateway and Subnet mark 3) Add ons as 10.0.0.2 to the PCO & the IP address as 10.0.0.1 and gateway 10.0.0.1

u) click on Server and click on services _ FETTP & HTTPS click on 'ON' then select to DNS click on 'ON' and add Name! + who Addres 10.0.0.0 5) Now go to config a fail Ethernet-Ip address 10.0.0.2 Salonet mosse 255.0.0.0 3) Now go to settings in the config gateway. 10.0.0.2 & DNS server 10.0.0.2.

orowser and lype the dul. Com' in URL 8) You will see the utul. nder that has written the HTTP batton. DNS it the Domain Name System, DNS is linked to the internet and focused on on System rising Internet brotocol. DNS server are prequired for working of DNS. The IP address is calculated with the aid of a loot up tolle. I P address as well as using the domain name. aging St. Atmos and all sty grapped plant is (a ١١ مروس مروس مروس

Lab- Slii]

RIP Routing Protocol Aim: Configuring &IP Routing Protocol in Router Topology

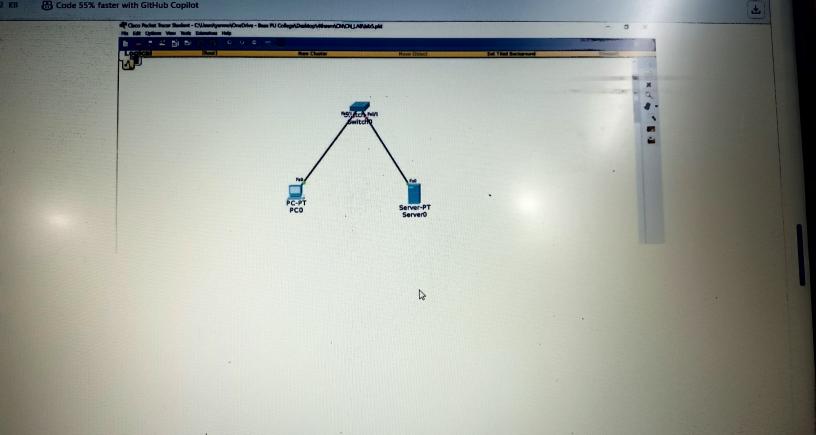


- - IP address in CLI mode. -> N. Enable
 - -> Config T
 - olo > Interface fastethouch
 - 265-00. IP address 10.0.0.1
 - -> encapsulation ppp
 - -> clockrate 64000 no shut

Note: The encapsulation ppp should be comma do all the rowlers and clockrate 64000 comma should be only given to the clocksymboles sides of the rowler to know about the of for making the routers to know about the other devices, in the previous & experiments we used static and the other with dynamic address dail here we use a souling that itself makes the protocol algorithm that itself makes the growler do lenow other devices -> router rip y rouler R -> network 20.0,0,0 -> networt 30.0.0.0 - route of → nelwork 30.0.0.0 g router 3
→ nelwork 40.0.0.0 g router 3 -> router sip → network 20.0.0.0 g router 1. pc > foing 40.0.0.1 binging 40.0.0.1 with 32 dyfes of data Reply from 40.0.0.1; laytes: 82 time: 0ms Reply from 40.0.0.1; laytes: 82 time: 0ms Ping onlpril: TTL: 128 Reply from 40.0.0.1; bytes: 82 time: 0ms
Reply from 40.0.0.1; bytes: 82 time: 0ms
Reply from 40.0.0.1; bytes: 82 time: 0ms 772:128 TTL:128 TTL: 128 bing statistics from 40.0.0. backets Sent 4 Received 4 Lost = 0 (0% Lost) Approximate round top times in mg Average: Ons minimum: Ons, mascimum; ons

RIP is the Rowling Information protocol is a dislance vector protocol is a dislance vector protocol shall be where information has nowless should be where information at an animal of LAN RIP fortocol here wed to connect the other soulers do one other and pris using RIP strange as briged successfully And by wings are the same of t and any security is not any the

The state of the s



< > URL http://10.0.0.2 Go Stop

Cisco Packet Tracer

Welcome to Cisco Packet Tracer. Opening doors to new opportunities. Mind Wide Open.

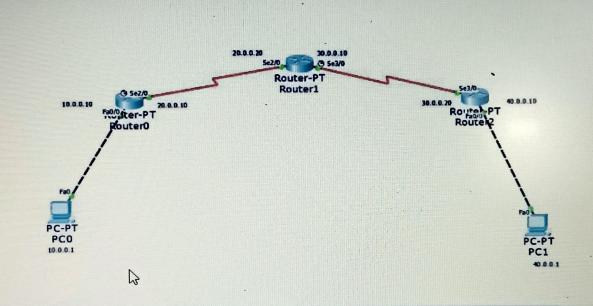
Quick Links:

A small page

Copyrights

Image page

Image



THE RESERVE

I ROOM I

Command Prompt

```
Packet Tracer PC Command Line 1.0

PC ping 40.0.0.1

Pinging 40.0.0.1 with 32 bytes of data:

Request timed out.

Reply from 40.0.0.1: bytes=32 time=8ms TTL=125

Reply from 40.0.0.1: bytes=32 time=5ms TTL=125

Reply from 40.0.0.1: bytes=32 time=10ms TTL=125

Ping statistics for 40.0.0.1:

Packets: Sent = 4, Received = 3, Lost = 1 (25% loss),

Approximate round trip times in milli-seconds:

Minimum = 5ms, Maximum = 10ms, Average = 7ms
```