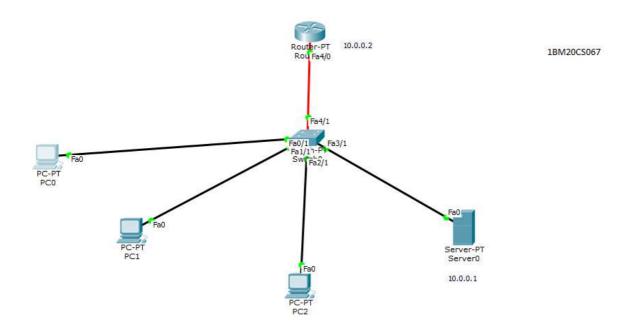
01/12/202 Dim: Configuring DHCP within a LAN in a packet tracer. 16.0.0.2 Routero Faylo Switch 1100000 MOON Fal/ Faz/ Fab Fab Col Fab Servero PC-PT PC-PT 10.0.0.1 Procedure: > Place a generic router, a generic switch, a them with suitable connections among nouter - witch, switch - server and switch - PC Place the noder for sever and router as 10.0.0.1 and 10.0.0.2.

Click on the surver - go to configuration table and set IP address and subject mark as 10.0.0.1 and 255.0.0.0. Set the gateway as 10.0.0.2. Click on the router > CLI tab > enable >
config t > interface fartethernet 40 > Set IP
address as ip address 10.0.0.2 255.0.0.0 >
no shut. The ip address is set as 10.0.0.2 -> Click on server -> review tale -> relict DHCP and switch on the service -> Set default Start IP address as 10.0.0.3 and TFTP server are saved. Each of the PC is clicked > duktop tab >
IP configuration > Set as DHCP. The IP
address, rubnet mark, default gateway and
DNS server are set automatically. -> Click on PC 10.0.0.3 and ping to 10.0.0.5 Observations: hearning outcome: The survey automatically sets
the IP address, subnet mark and gateway to
all the PC's and IP address is allocated urially in DHCP prolocal.

Reult:
ping 10.0.0.5 Pinging 10.0.0.5 with 32 leyter of data: Reply from 10.0.0.5: Lyter = 32 time = 0 ms TTL=128
Reply from 10.0.0.5: Lyter = 32 time = 0 ms TTL=128
Reply from 10.0.0.5: Lyter = 32 time = 0 ms TTL=128
Reply from 10.0.0.5: Lyter = 32 time = 0 ms TTL=128 Ping statistice for 10.0.0.0: Packets: Sent = 4, Recieved = 4, hous=0 (0% hors), Approximate round trip times in me:
Minimum = 0 ms, Maximum = 4 ms, Average = 1 ms. 15 pthus - betoils is 39 ett for doord 15 pt. 1249 in tel - maitrempilmen 95 pourton Duchles steam timber birks o - plantomation for the mount of all prings bridge & 0.0.01)4 now Hould whoo has how Juden with the same

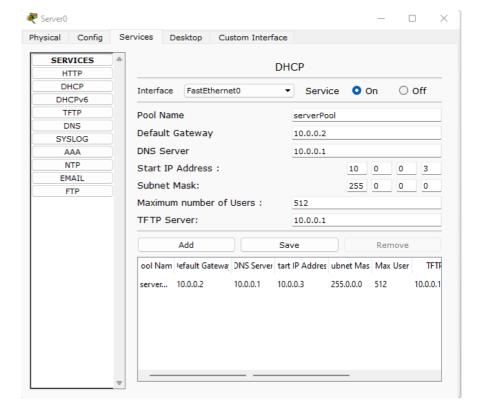


Continue with configuration dialog? [yes/no]: no

Press RETURN to get started!

Router>enable
Router\$config t
Enter configuration commands, one per line. End with CNTL/2.
Router(config) #interface fastethernet4/0
Router(config-if) #ip address 10.0.0.2 255.0.0.0
Router(config-if) #no shut

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Packet Tracer PC Command Line 1.0
PC⇒ping 10.0.0.5

Pinging 10.0.0.5 with 32 bytes of data:

Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Reply from 10.0.0.5: bytes=32 time=dms TTL=128
Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Reply from 10.0.0.5: bytes=32 time=0ms TTL=128
Ping statistics for 10.0.0.5:

Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:

Minimum = 0ms, Maximum = 4ms, Average = 1ms

PC>
```

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