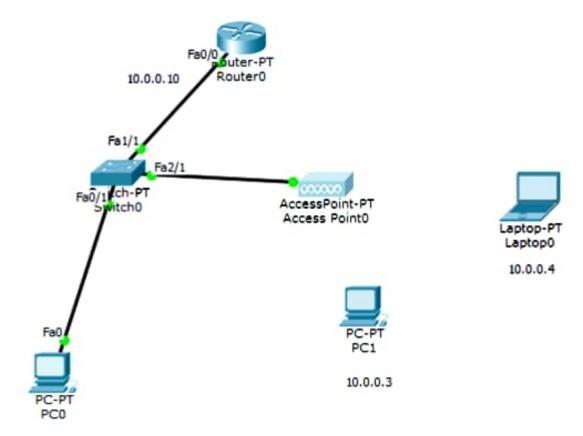
.0/8/23 Experiment-10 To constend a WLAN and make the wody committee Topology: Switcho Laptopo 10.0.0.4 i) construct about topology, use Acess point-PT. the pc comected with wive and configure router & if configure access points - ports -> SSIO Nane-any name (WLAN here). Select WEP any girl any 10 digit han hey- 1234567890 here. 10) To configure PCU & Laptop wivelisty, NM-IAM to the component listed in the LHS. Drag WM P 300 N wiveless interface to the empty part of froith on the device. iv) Nov, in the config tab, a new wireless interface would have been added, configure SSID, WEP, WEP hey. IP adders of yateway (as normally done) to the device Router > enable. Slower # config t Router (conf. g) # interfore fastethent of a Nonter (ion fig - i) # ip address (0.0.0.10 25).6.0.6 Router (config -if) # no slut.

Result: Topology: 10001 IN P(O (10.0.0.2) P() ping 10.0.03 Pinging 10 0 0.3 with 32 bytes of data:
Reply from 10.6.0.5: bytes: 32 time: 1/my Ithe Reply from 10.00.3: bytes: 32 How: 13md TIL: 12

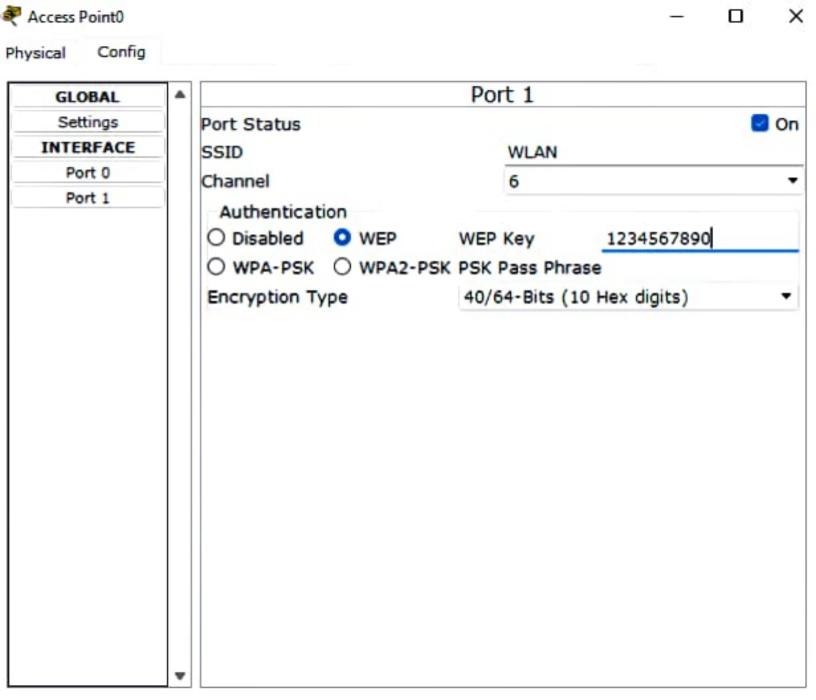
Reply from 10.0.0.3: bytes: 32 How: 6ms TIL: 12

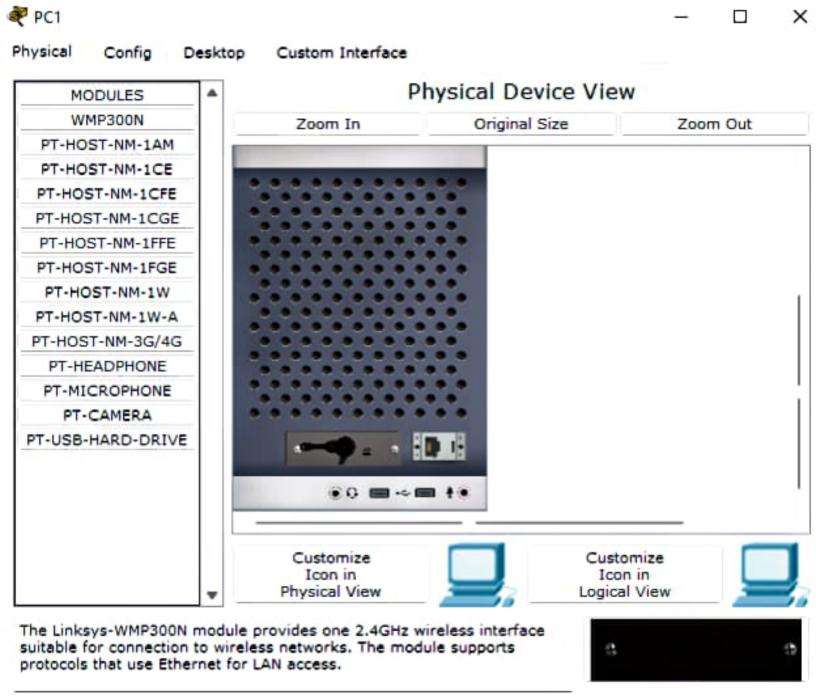
Reply from 10.0.0.3: bytes: 32 How: 0m TIL: 12 Ping statistics for 10.0.01 Packets: Sent = 4, Reveived = 4, Lott. = 6 (0%. (04). Approximate roud tip sives in will swords: Minimum = 6 ms, Marinum = 21 ms, A verage = 12m observation: Wireless local area network WLAN is a group of whocated computers or other devices that forms network band on radio transmissions rother than wire cornections. 1) after the WLAN is setup, the lined women ! appears in the topology from the access point.

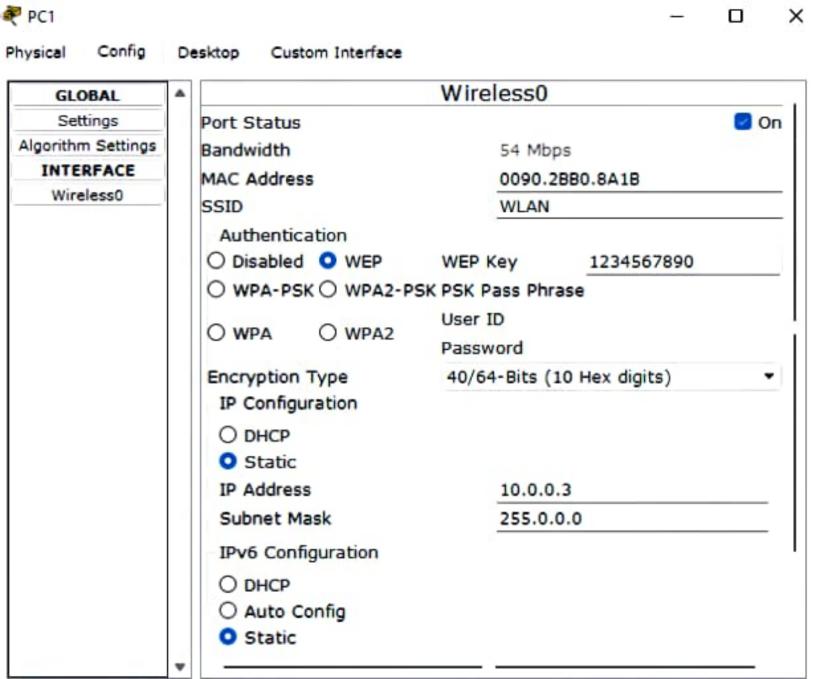


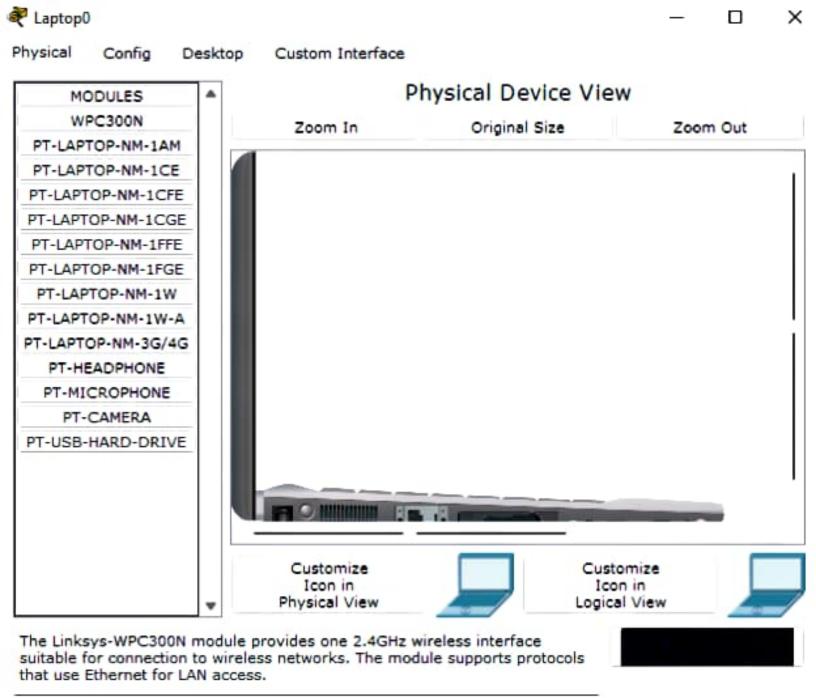
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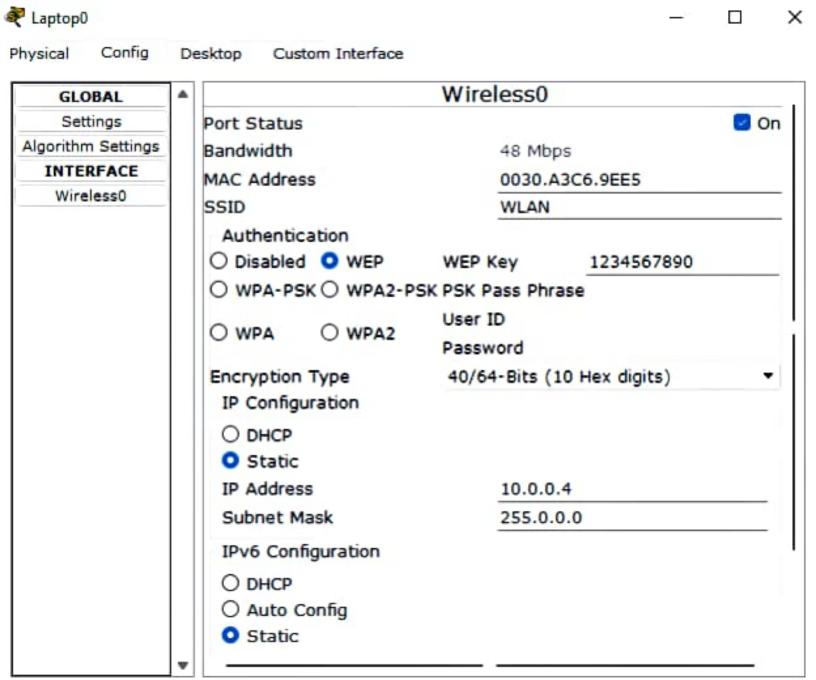
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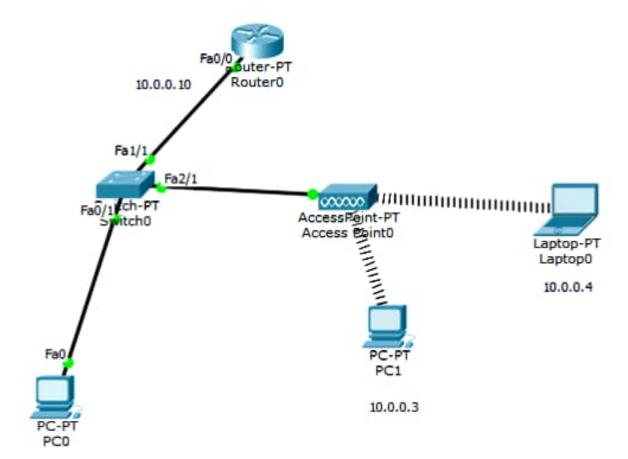


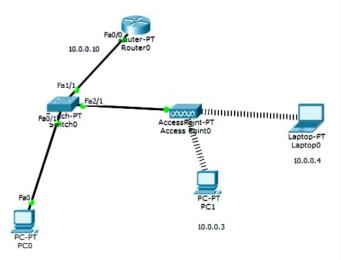






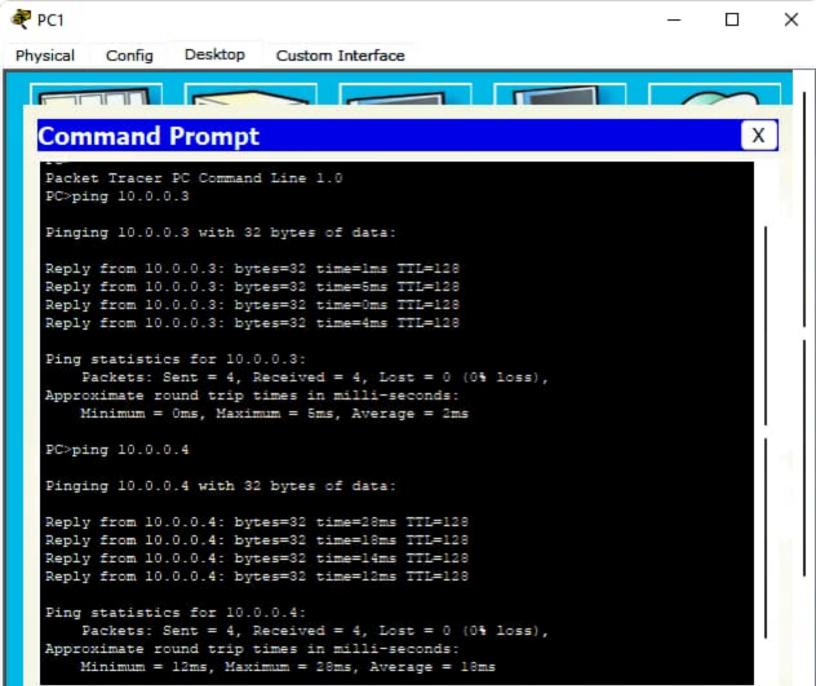






10.0.0.2

₹ PC0 Physical Config Desktop Custom Interface Command Prompt Packet Tracer PC Command Line 1.0 PC>ping 10.0.0.3 Pinging 10.0.0.3 with 32 bytes of data: Reply from 10.0.0.3: bytes=32 time=21ms TTL=128 Reply from 10.0.0.3: bytes=32 time=13ms TTL=128 Reply from 10.0.0.3: bytes=32 time=6ms TTL=128 Reply from 10.0.0.3: bytes=32 time=8ms TTL=128 Ping statistics for 10.0.0.3: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 6ms, Maximum = 21ms, Average = 12ms PC>ping 10.0.0.4 Pinging 10.0.0.4 with 32 bytes of data: Reply from 10.0.0.4: bytes=32 time=20ms TTL=128 Reply from 10.0.0.4: bytes=32 time=11ms TTL=128 Reply from 10.0.0.4: bytes=32 time=4ms TTL=128 Reply from 10.0.0.4: bytes=32 time=8ms TTL=128 Ping statistics for 10.0.0.4: Packets: Sent = 4. Received = 4. Lost = 0 (0% loss). Approximate round trip times in milli-seconds: Minimum = 4ms, Maximum = 20ms, Average = 10ms



```
Laptop0
                                                                                     ×
        Config Desktop Custom Interface
Physical
   Command Prompt
   PC>ping 10.0.0.3
   Pinging 10.0.0.3 with 32 bytes of data:
   Reply from 10.0.0.3: bytes=32 time=21ms TTL=128
   Reply from 10.0.0.3: bytes=32 time=18ms TTL=128
   Reply from 10.0.0.3: bytes=32 time=14ms TTL=128
   Reply from 10.0.0.3: bytes=32 time=19ms TTL=128
   Ping statistics for 10.0.0.3:
       Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
   Approximate round trip times in milli-seconds:
       Minimum = 14ms, Maximum = 21ms, Average = 18ms
   PC>ping 10.0.0.2
   Pinging 10.0.0.2 with 32 bytes of data:
   Reply from 10.0.0.2: bytes=32 time=11ms TTL=128
   Reply from 10.0.0.2: bytes=32 time=13ms TTL=128
   Reply from 10.0.0.2: bytes=32 time=12ms TTL=128
   Reply from 10.0.0.2: bytes=32 time=11ms TTL=128
   Ping statistics for 10.0.0.2:
       Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
   Approximate round trip times in milli-seconds:
       Minimum = 11ms, Maximum = 13ms, Average = 11ms
```