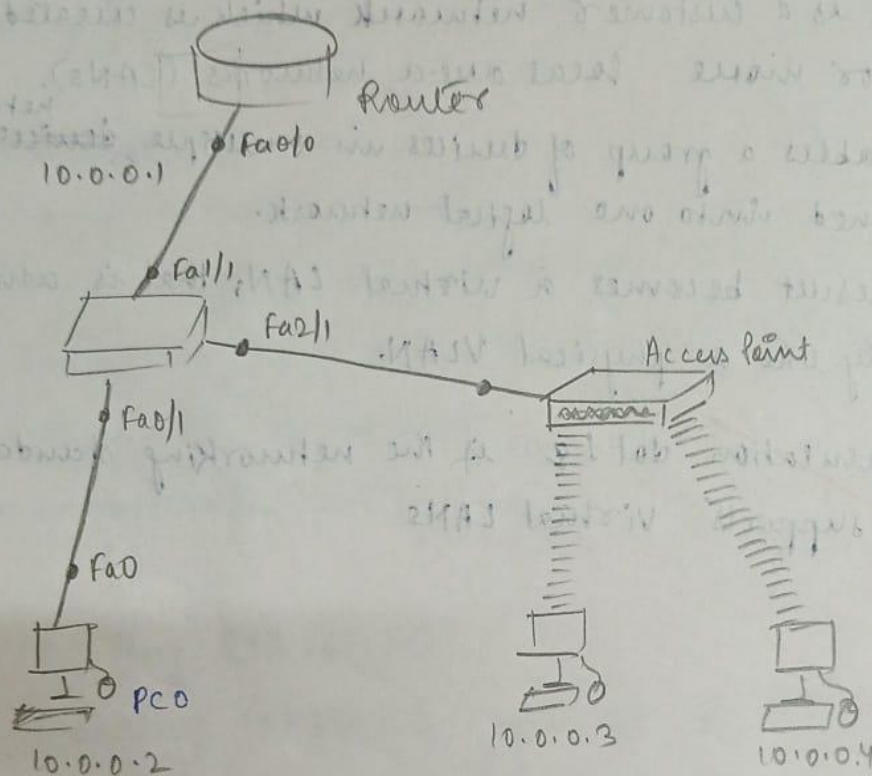


Experiment 12

AIM: To construct a WLAN and make the nodes communicate wirelessly

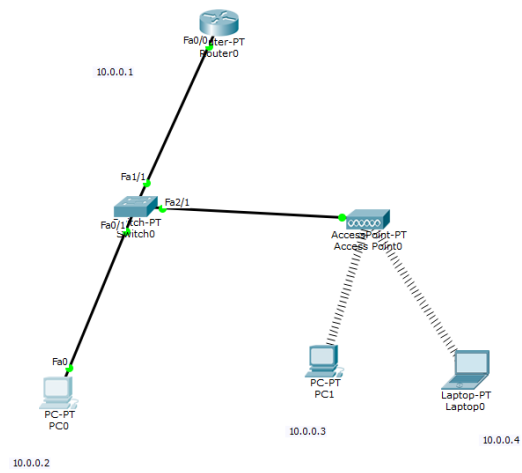
TOPOLOGY :



Procedure:

- (i) Construct the above topology.
- (ii) Configure PC0 & Router as normally done using CLI-commands.
- (iii) Configure Access Point1-Port1 → SSID Name
- (iv) Select WEP and give a 10 digit hex key (123456789)
- (v) Configure the other 2 PCs with wireless standards
- (vi) Switch off the device. Drag the existing PT-MOST-NM-1AM to the component listed in the LHS. Drag WMP300N wireless interface to the empty slot. Switch ON*

OUTPUT :



```
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:

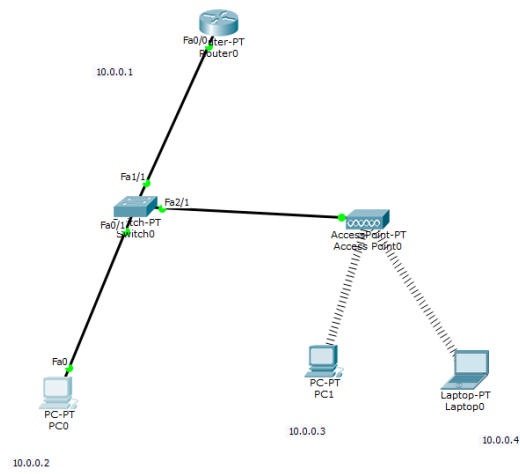
Reply from 10.0.0.3: bytes=32 time=19ms TTL=128
Reply from 10.0.0.3: bytes=32 time=11ms TTL=128
Reply from 10.0.0.3: bytes=32 time=8ms TTL=128
Reply from 10.0.0.3: bytes=32 time=9ms TTL=128

Ping statistics for 10.0.0.3:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 8ms, Maximum = 19ms, Average = 11ms

PC>ip config
Invalid Command.

PC>
```

OBSERVATION:



```
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=19ms TTL=128
Reply from 10.0.0.3: bytes=32 time=11ms TTL=128
Reply from 10.0.0.3: bytes=32 time=8ms TTL=128
Reply from 10.0.0.3: bytes=32 time=9ms 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 = 8ms, Maximum = 19ms, Average = 11ms

PC>ip config
Invalid Command.

PC>
```