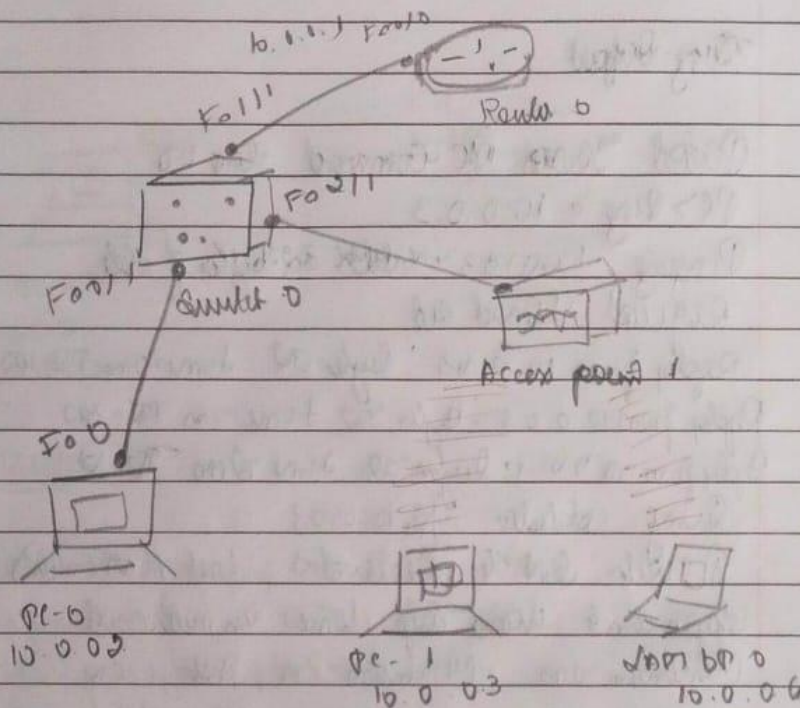


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Lab-9
 10/8/23. Sum:-
 To construct a network and make the network anonymous
 wirelessly

TopologyProcedure

- Construct the above topology
- Configure PC & Router 0 as normally done
- Configure Access point-1-Port 1 → SSID Name-Wireless
- Select ~~Port~~^{Web} & given any 10 digit hex key-1234567890
- Configure PC1 & Laptop with wireless standards
- Switch off the device. Plug the crossover PT-KC0-NR16A to the components listed in this. Plug WMP3000 wireless interface to the empty port switch on the device
- In the config tab, a new wireless interface will have been added. Now configure SSID, WEP, WEP Key.

• In the config tab a new wireless interface would have been added. Now configure SSID, WPA2 WPA key, IP address and gateway to the device.
• Ping from every device to every other device.

Ping Output

Packed from PC Command line 1-0
PC> Ping 10.0.0.3
Pinging 10.0.0.3 with 32 bytes of data:
Request timed out.
Reply from 10.0.0.3: bytes=32 time=0ms TTL=128
Reply from 10.0.0.3: bytes=32 time=0ms TTL=128
Reply from 10.0.0.3: bytes=32 time=0ms TTL=128
Ping statistics for 10.0.0.3:
Packets: Sent=4, Received=3, Lost=1 (Card down)
Approximate round trip times in milliseconds:
Minimum=0ms, Maximum=1ms, Average=0ms

Characteristics

- A WLAN is a group of located devices that form a network based on radio communications.
- Data sent in packets contain layers with labels & instructions. MAC address to endpoints for routing.
- The access point is the device that serves as a hub to which other stations connect.
- With one access point we can connect to multiple devices wirelessly & demand data.

TOPOLOGY & OUTPUT

