

EXP-11

OBSERVATION

- EXP 11 -

Q: Construct a WLAN and make the nodes communicate wirelessly.

AIM: to construct WLAN and make nodes communicate wirelessly.

TOPOLOGY:

Connect a router & access point to a switch through fast ethernet interface connect a PC & set its IP address. Take a PC & a laptop & set their IP address

PROCEDURE

1. ~~draw~~ create the topology above.
2. configure PC0 with IP address 10.0.0.1 & router 0
3. Configure Access Point
Port 1 → SSID name - enter any name → select
WEP & give any 10 digit hex key - 1234567890.

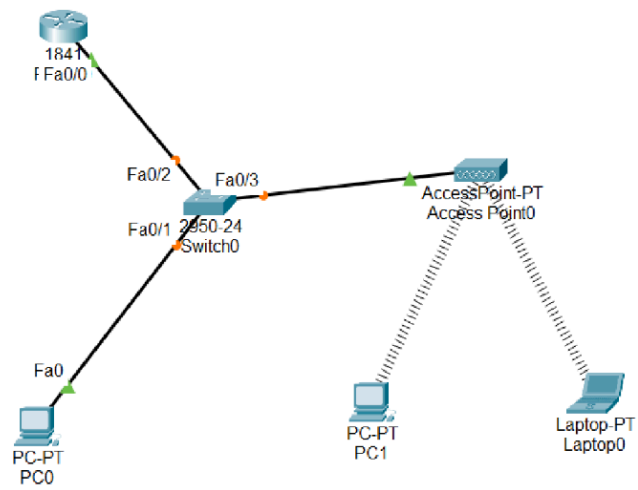
4. Configure off the device drag the substring PT-HOST-NM-100
drag WMP 300N wireless interface to the empty port
switch on the device.
5. In the config lab a new ~~wirelessly~~ wireless
interface would have been added. Now configure
SSID, WEP, WEP key, IP address & gateway to the
device.
6. Ping from every device to every other device.

OBSERVATION

- WLAN enables wireless n/w communication.
- It uses radio waves for connectivity.
- WLAN connects devices wirelessly within a local area.
- it eliminates the need for physical cables.

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TOPOLOGY



OUTPUT

