Program 13

Aim: To construct a WLAN and make the nodes communicate wirelessly.

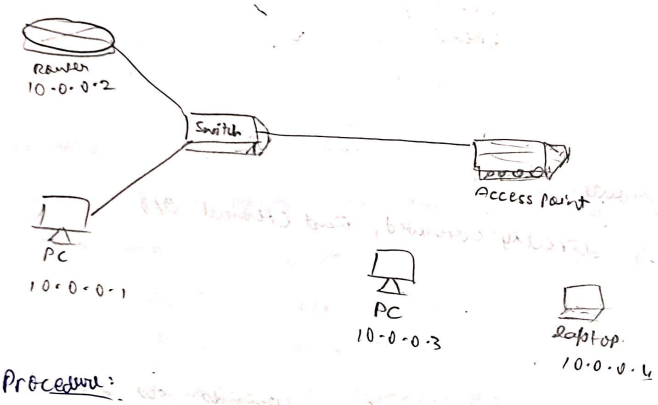
Topology , Procedure and Observation:

18.12.24 Lab 13

WLAN

Aim: To construct a wireless LAN and make the nodes communicate wirelessly.

Topology:

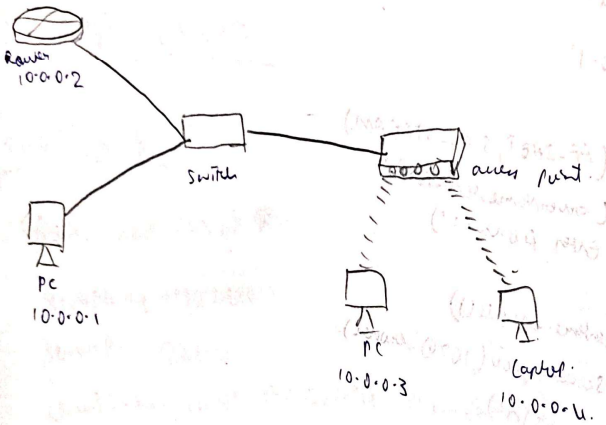


Procedure:

1. Create topology as given above & configure the devices.
2. Configure access point:
   Click access point → config → port1:
   SSID : bmsce
   Select ● WEP
   Set key : 12 34567890
3. Configure PC & laptop with wireless standards:
   - switch off device.
   - Drag the existing PT-HOST-NM-1AM to the component listed in the LHS of physical.
   - Drag WMP300N wireless interface to the empty port.
   - switch on the device.
4. In config tab, a new wireless interface was added.

5. Configure the device by entering SSID, WEP, WEP key, IP address & gateway.

Topology after wireless configuration:



6. Ping from every device to every other device to check for connection.

Observation:

1. We were able to ping from every device to every other device.
2. Every device is now connected to every other device in the WLAN.

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Screen Shots: