

Sheth L.U.J. College Of Arts & Sir M.V. College of Science & Commerce
Department Of Science
Jayesh mali T084 Pract_9 Wireless Sensor Network

The image displays a Cisco Packet Tracer simulation of a Wireless Sensor Network. The main workspace shows a 'Home Gateway0' (DLE100) connected via dashed lines to a 'Fan ceiling fan', a 'Window window', and a 'SMARTPHONE-PT Smartphone0'. The bottom of the screen displays three configuration windows: 'Home Gateway0', 'ceiling fan', and 'window'. Each window has tabs for Physical, Config, GUI, and Attributes. The 'Config' tabs are active, showing wireless settings.

Home Gateway0 Configuration:

- Wireless Settings: SSID: HomeGateway, 2.4 GHz Channel: 6 - 2.437GHz, Coverage Range (meters): 250.00
- Authentication: ☒ Disabled, ☐ WEP, ☐ WPA, ☐ WPA2
- Radius Server Settings: IP Address, Shared Secret, Encryption Type: Disabled

ceiling fan Configuration:

- Network Adapter: PT-IOT-NM-1W
- Network Adapter 2: None
- Digital Slots: 1
- Analog Slots: 0
- USB Ports: 0
- Bluetooth: ☒ Built-in, ☐ Show, ☐ Desktop
- Usage: ☒ Smart Device, ☐ Component

window Configuration:

- Wireless0: Port Status: Enabled, Bandwidth: 300 Mbps, MAC Address: 0040.08E2.146E, SSID: HomeGateway
- Authentication: ☒ Disabled, ☐ WEP, ☐ WPA, ☐ WPA2
- Radius Server Settings: IP Address, Shared Secret, Encryption Type: Disabled
- IP Configuration: ☒ DHCP, ☐ Static
- IPv4 Address: 192.168.25.101, Subnet Mask: 255.255.255.0
- IPv6 Configuration: ☒ Automatic, ☐ Static
- IPv6 Address: /, Link Local Address: FE80::240:BFF:FEE2:146E

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