Edge-corE

Release Note

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1 Feature

1.1 Support HaLow Open Mesh

Support HaLow Open Mesh on the HaLow page, a low-power, long-range wireless networking solution designed for IoT devices, enabling seamless mesh connectivity and efficient data transmission.

1. Mesh Point: Button to enable or disable HaLow Open Mesh.
2. Mesh Id: Text field for the name of the HaLow Open Mesh link.
3. Method: Dropdown list for the security of HaLow Open Mesh, offering "No Security" or "WPA3 Personal."
4. Network Behavior: Dropdown list to select "Bridge to Internet" or "Route to Internet."

1.2 BLE scan and MQTT Enhancement

1. Reduce the MQTT BLE scan interval to 30 seconds.
2. Enhance the BLE scan filter to detect more devices.
3. Add data to the BLE Scan UI.

1.3 Support Halow CE regulations

Support HaLow CE regulations.

1. Bandwidth: 1MHz
2. Channel: 863.5MHz, 864.5MHz, 865.5MHz, 866.5MHz, 867.5MHz

2 Issue Fixed

2.1 The HaLow interface is down when using channel 44.

When "US" is selected as the country code and the HaLow channel is modified to channel 44, applying the settings causes HaLow to become disabled. In this version, the issue has been resolved.

3 Known Issue

3.1 The broadcast rate only works in the basic rate.

3.2 HaLow sometimes does not work after rebooting or reconfiguring the AP.

4 Compatible Version for AP Management

Compatible with ecCLOUD