Edge-corE

Release Note

Edgecore EAP104 Release v12.5.5
Document # EAP104-v12.5.5-1431-e3f388a82

Enhancement from v12.5.3-1377-1c4ece372

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1 Feature

1.1 Support U-APSD

Support U-APSD on the Wireless page.

1. U-APSD: Enable or Disable U-ASPD feature that is an 802.11 power save mechanism that works with WMM.

1.2 Support Microsoft 365 in Authport

Enable Authport SSID on ecCLOUD. Microsoft 365 is supported in the captive portal, allowing clients to connect to the Internet through their Microsoft 365 accounts.

1.3 Support Hotspot Enhancement

RADIUS SETTINGS

Enable RADIUS Auth	ON ✓
RADIUS Server 1	127.0.0.1
RADIUS Server 2	
RADIUS Shared Secret	•••••••• 👁
RADIUS Auth Port	1812
RADIUS Accounting	ON ✓
Acct Port	1813
Dynamic Authorization	ON ✓
DAE Port	3100
DAE Client	10.2.1.3
DAE Secret	•••••••• 👁
Enable RadSec	✗ OFF
Enable MAC Auth	ON ✓

Hotspot Enhancement

1. Support RADIUS MAC auth. When Radius MAC authentication is enabled, if the associated client is in the RADIUS MAC list, the client can connect to the Internet directly; otherwise, the hotspot captive portal will be displayed.

2. Support Dynamic Authorization. When Dynamic Authorization is enabled, the AP can support dynamic authorization feature by DAE port, DAE client and DAE secret.

3. Support for RADIUS accounting disabled. When Radius accounting is disabled, the AP turns off the RADIUS accounting feature.

2   Issue Fixed

2.1 All user accounts can be disabled if an invalid item is set and then the save button is clicked.

If an invalid item is configured and the save button is clicked, all user accounts can be disabled on the UI. In this version, the issue has been resolved.

2.2 High CPU load when there are a lot of multicast packets.

The device experiences a significant increase in CPU load when there is a high volume of multicast packets being processed. The issue has been resolved in this version.

2.3 The intermediate certificate is not working when using Authport SSID.

Enable Authport SSID on ecCLOUD and apply the intermediate certificate to the AP. However, the intermediate certificate is not functioning properly. This issue has been resolved in this version.

2.4 Client cannot connect to the Internet when CAPWAP tunnel is not ready or disconnected.

Clients are unable to connect to the Internet if the CAPWAP tunnel is not ready or is disconnected. In this version, if the CAPWAP tunnel is not ready or is disconnected, the AP will reject the client association.

2.5 The AP does not support split tunnel with enterprise SSID.

When the AP is managed by the controller, clients can't connect to the Internet if they connect to the enterprise SSID with a split tunnel. In this version, clients can connect to the SSID successfully.

2.6 Clients cannot connect to the Internet sometimes if switching between 2.4GHz and 5GHz SSID repeatedly.

Clients are unable to connect to the Internet sometimes if they repeatedly switch between the 2.4GHz and 5GHz SSIDs. In this version, the issue has been resolved. The cache mechanism has been enabled to make the client switching between the SSIDs smoothly.

2.7 The memory usage gradually increases when interference detection is running.

3 Known Issue

3.1 The connection of Microsoft surface laptop is unstable using WPA2-PSK SSID.

3.2 The SSID compatible issue in Windows 10 devices with the specific ethernet card.

Using Intel AX200 (old version) or Realtek RTL8822BE with Windows 10 devices, The ping connection is randomly disconnected if the devices are connected to the SSID.

Note that there is no connection issue if the driver of Intel AX200 is updated to 22.60.0.6 or later version.

3.3 The dynamic VLAN is not supported in the mesh network.

3.4 There is a low probability that the mesh connection can't recover after MAP is re-configured.

In mesh topology, after MAP reboots or reconfigures the network configuration, there is a low probability that it takes a long time (~30mins) to rebuild the mesh connection. After rebooting all the AP, the mesh connection recovers.

3.5 Authport with VLAN tagged does not support on IOS device.

3.6 When upgrading the FW from 12.0.0, Hotspot controlled SSID can only work after an additional reboot.

3.7 The captive portal cannot be popped up sometimes in the open roaming SSID.

4 Compatible Version for AP Management

Compatible with ecCLOUD

Compatible with EWS-Series controller v3.91.0000 or later