Edge-corE

Release Note

Edgecore EAP102 Release v12.4.9
Document # EAP102-v12.4.9-1299-2b7f49c10

Enhancement from v12.4.7-1135-6ec7b9dd5

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1 Feature

1.1 OpenRoaming Enhancement

METHOD/AUTHENTICATION

Method   EAP-SIM

Authentication   Expanded EAP Method

SIM

METHOD/AUTHENTICATION

Method   EAP-AKA Prime

Authentication   Expanded EAP Method

SIM

Method modification in the OpenRoaming page.

1. Support EAP-SIM in NAI Realm List.
2. Modify EAP-AKA to EAP-AKA Prime

2 Issue Fixed

2.1 The Multiple Keys of WPA3 Personal Transition is not supported on iOS devices.

IOS devices cannot connect to the SSID with the multiple keys of WPA3 personal transition. In this version, the multiple keys of WPA3 personal transition has been removed.

2.2 The iPhone and laptop couldn't associate with the SSID using the backup RADIUS server.

The iPhone and laptop were unable to establish a connection with the SSID when utilizing the backup RADIUS server. In this version, the issue has been resolved.

2.3 Web display fields invalid when setting multiple keys without optional MAC address.

When configuring the wireless page with WPA2-PSK and multiple keys, an issue has been observed in the web interface. Specifically, when setting multiple keys without including the optional MAC address, the web display fields become invalid. In this version the issue has been resolved.

2.4 RF isolation is not working after restarting the AP.

After enabling the RF isolation feature, the observation was that after restarting the AP, clients could not be isolated by different radio cards. However, in this version, RF isolation now works correctly after restarting the AP.

2.5 AP keeps rebooting if the country setting is Tajikistan.

When the country setting is configured to Tajikistan, the AP experiences repeated reboots and is unable to access the Web UI. In this version, the AP operates normally when Tajikistan is selected as the country setting.

2.6 The SSID configuration can't be set if the country setting is Brazil.

If the country setting is Brazil, the SSID configuration page used to display 'loading' and couldn't be configured. In this version, the issue has been resolved.

2.7 With mesh enabled, the device MAC address changes after rebooting the AP multiple times.

When mesh is enabled, the device MAC address changes after multiple reboots of the AP. This issue has been resolved in the current version.

2.8 There is a syntax error during the compilation of the MIB file.

There is a syntax error when importing the MIB file in the MIB browser. In this version, this issue has been resolved.

2.9 It takes more than one time to upgrade the EAP102 FW occasionally in a mesh environment.

Occasionally, EAP102 can't be upgraded successfully in the mesh environment. In this version, the issue has been resolved.

2.10 ARP inspection is not working.

ARP inspection is not working in the SSID with bridge to Internet. In this version, ARP inspection can work normally.

2.11 There is a possibility that the AP may crash after adding the MAC ACL list on ecCLOUD.

After the addition of the MAC ACL list on ecCLOUD, there is a potential scenario where the AP may experience a crash. In this version, add the mechanism to avoid a crash on the AP.

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 AP does not support split tunnel with WPA2 enterprise SSID.

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

3.9 ARP Inspection does not function properly when Windows NetCut is in use.