



Release Note

Edgecore EAP102 Release v12.5.3

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Enhancement from v12.5.1-1358-50e312120

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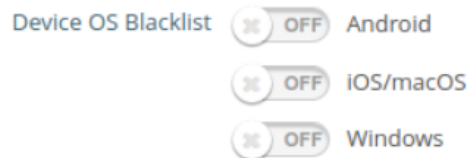
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1 Feature

1.1 Minimum Signal Allowed Enhancement

In the original version, only one value can be set for the minimum allowed signal on the radio card. In this version, the minimum allowed signal can be set to different values for different SSIDs.

1.2 Support Device OS Blacklist



Support device platform accessibility on the Wireless page.

1. Device OS Blacklist: Check box for three options. Android, iOS / macOS, Windows. Check the box to deny the client OS to connect to the SSID. Uncheck the box to allow the client OS to connect to the SSID.

1.3 Interference Detection Log Enhancement

Add the related log in the syslog when the interference detection is enabled and syslog level is in debug level.

1.4 Authport Enhancement

Emphasize the login status font on the captive portal page after logging into the Authport.

1.5 Optimize Driver Recovery Mechanism

In this version, optimize the driver recovery mechanism to reduce the recovery required time.

2 Issue Fixed

2.1 Some of the syslog times are not correct in the troubleshooting file.

Some timestamps in the troubleshooting file's syslog entries were incorrect. In this version, the issue has been resolved.

2.2 The Authport traffic quota is not correct when the billing plan is updated.

When the new Authport billing plan is updated on ecCLOUD, the AP still uses the original billing plan, leading to incorrect traffic quotas. In this version, the issue has been resolved.

2.3 There is no syslog facility and level when the syslog is sent to remote syslog server.

When sending syslog to a remote syslog server, the syslog facility and level are not included. In this version, the syslog facility and level are included.

2.4 Radius failover does not function when the radius server is not running

Fill in the primary and secondary RADIUS server details for the enterprise SSID. If the AP is connected to the enterprise SSID, the RADIUS server will not switch to a backup server when the original RADIUS server is not running but can be pinged.

2.5 The 802.11a mode is not correct.

Set the 802.11a mode on the Radio 5GHz page. The 802.11a configuration is incorrect; it is using the 802.11a+n mode. In this version, the 802.11a configuration is correct.

2.6 The Authport customized page sometimes is not pushed to AP.

Customize the Authport captive portal page on ecCLOUD. Sometimes, the customized page is not pushed to AP. In this version, the customized page can be displayed correctly.

2.7 Sometimes, the Web UI cannot be accessed due to an out-of-memory issue.

If there are a lot of clients connected to the AP, the Web UI may sometimes become inaccessible due to an out-of-memory issue. In this version, the Web UI can be accessed normally.

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.

4 Compatible Version for AP Management

Compatible with ecCLOUD

Compatible with EWS-Series controller v3.91.0000 or later