



Release Note

Edgecore EAP101 Release v12.5.94

Document # EAP101-v12.5.94-1526-51a90b72a-db4d3c8

Enhancement from v12.5.93-1521-840940078

Table of Contents

1	Issue Improvement	3
1.1	Unexpected Reboot Due to Kernel Panic.	3
2	Known Issue.....	4
2.1	The connection of Microsoft surface laptop is unstable using WPA2-PSK SSID.....	4
2.2	The SSID compatible issue in Windows 10 devices with the specific ethernet card.	4
2.3	The dynamic VLAN is not supported in the mesh network.	4
2.4	There is a low probability that the mesh connection can't recover after MAP is re-configured.	4
2.5	Authport with VLAN tagged does not support on IOS device.....	4
2.6	When upgrading the FW from 12.0.0, Hotspot controlled SSID can only work after an additional reboot.	4
2.7	The captive portal cannot be popped up sometimes in the open roaming SSID.	4
2.8	The Force DHCP feature does not function correctly with VLAN-tagged traffic.....	4
2.9	Unexpected Reboot Due to Kernel Panic	4
3	Compatible Version for AP Management	5

1 Issue Improvement

1.1 Unexpected Reboot Due to Kernel Panic.

After the firmware upgrade, the device experienced an unexpected reboot caused by a kernel panic. This was triggered by incorrect processing in the Wi-Fi chip's offload firmware. This version includes an updated offload firmware as a countermeasure to reduce the occurrence of this issue.

Note: This update mitigates the problem but may not fully eliminate it in all environments. Please refer to the Known Issues section for the current status.

2 Known Issue

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

2.2 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.

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

2.4 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.

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

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

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

2.8 The Force DHCP feature does not function correctly with VLAN-tagged traffic.

2.9 Unexpected Reboot Due to Kernel Panic

In certain environments, the device may still experience an unexpected reboot caused by a kernel panic originating from the Wi-Fi chip's offload firmware.

3 Compatible Version for AP Management

Compatible with ecCLOUD

Compatible with EWS-Series controller v3.92.0005 or later