Edge-corE

Release Note

Edgecore EAP104 Release v12.4.3

Document # EAP104-v12.4.3-1102-f9b9b8034

Enhancement from v12.4.1-1048-f462f4f3

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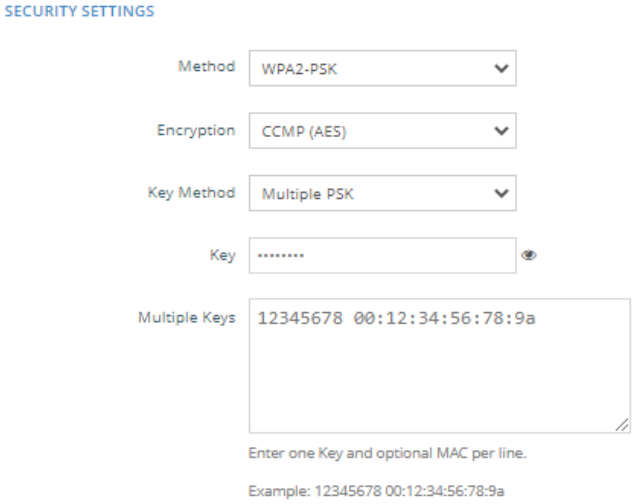
1 Feature

1.1 Support SSID Isolation

Support SSID Isolation on the radio 5/2.4GHz of wireless page

1. SSID Isolation: Enabled or disabled SSID isolation. If enabled, clients are isolated on different SSIDs but the same radio cards.

1.2 Multiple PSK Enhancement



In this version, the number of Multiple Keys is limited to 128.

1.3 Interference Detection Enhancement

In this version, the method for obtaining channel utilization has been optimized. This enhancement improves the channel selection mechanism, allowing for the selection of a better channel.

2 Issue Fixed

2.1 When the EAP works as the client mode, the station of the AP can’t get the IP address from some DHCP servers.

Set the EAP to client mode and connect to the AP SSID with bridge to Internet. The station of the AP can’t get the IP address of LAN port with bridge to Internet. In this version, the station of the AP can get the IP address normally.

2.2 Firewall blocks ICMP packet when the protocol is set to “TCP”, “UDP” or “TCP+UDP” with the Drop or Reject rule.

Add the Drop or Reject firewall rule with TCP, UDP or TCP+UDP from any source to any destination. When the client is connected to the SSID with Route to Internet, the client can’t ping the domain or IP address of an external network. In this version, when the Firewall receives an ICMP packet from the client attempting to ping an external domain or IP address, the packet will not be blocked.

2.3 Clients can’t log in the captive portal occasionally when using Authport SSID.

Clients are connected to the Authport SSID. When they enter the username and password on the captive portal page, they occasionally fail to log in. However, in this version, clients can log in successfully.

2.4 Clients with private IP address cannot access the AP Web page with public IP address.

When clients get the private IP address, they are unable to access the AP web page with a public IP address. In this version, clients can access the web page successfully.

2.5 There is a low probability that the AP radio stops working.

In this version, add the detection mechanism to monitor the AP radio status. If there is an error message in the radio, the radio driver will be recovered automatically.

2.6 The SNMPv3 Encryption Type AES and Authentication Type SHA are not working.

In this version, the SNMPv3 encryption type AES and authentication Type SHA are not supported. Remove the AES and SHA from Web UI.

2.7 Untagged option can’t be displayed when selecting VLAN Tag Traffic.

Use Safari browser to log in AP. In the Ethernet settings page or radio 5/2.4GHz page, when network behavior is vlan tag traffic, there is an untagged option in the VLAN Id drop-down list. In this version, the untagged option has been removed.

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

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

3.5 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.

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

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

3.8 The AP does not support split tunnel with WPA2 enterprise SSID.

3.9 When the EAP104 works as the client mode, the station of the AP can get the IP address from LAN port after an additional reboot.