



Release Note

Edgecore EAP105 Release v12.6.7

Document # EAP105-v12.6.7-2604-7a7b80991-fff2562

Enhancement from v12.6.6-2513-5d3ae89c2-b4b15ff

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1 Feature

1.1 Support RSTP

Local Networks

Default Local Network

Members

ETH1 5 GHz: EAP105-EC2436003813 6 GHz: EAP105-EC2436003813

IP Address

192.168.2.1

DHCP Server

ON

STP/RSTP

OFF

Subnet Mask

255.255.255.0

DHCP Start

100

UPnP

OFF

MTU Size

1500

DHCP Limit

150

Smart Isolation

Disable (full access)

DHCP Lease Time

12hr

Custom DHCP DNS Servers

RSTP is supported on the LAN Settings page.

If the STP/RSTP button is enabled for the local network, the AP will automatically activate RSTP or STP.

1.2 Support WireGuard

VPN Settings

Enable WireGuard ON 

INTERFACE SECTION

Private Key 

IP Address

Listen Port 

MTU

PEER SECTION

Public Key 

Pre-Shared Key 

Allowed IPs

Endpoint Host

Endpoint Port

Support for WireGuard on the VPN settings page.

- 1 Enable WireGuard: A button to disable or enable the WireGuard client.
- 2 Interface Section
 - 2.1 Private Key: Enter an AP private key.
 - 2.2 IP Address: Enter an IPv4 subnet provided by the WireGuard VPN server.
 - 2.3 Listen Port: Auto (0) or specify an optional UDP port number (between 0 and 65535).
 - 2.4 MTU (Optional): The Maximum Transmission Unit (MTU) size. The default value is 1420.
- 3 Peer Section
 - 3.1 Public Key: Enter a Wireguard server public key.
 - 3.2 Pre-Shared Key (Optional): Displayed as a password field. Specify this key only if a pre-shared key has been configured on the VPN server.

- 3.3 Allowed IPs: Specify the list of addresses that are routed to the peer. Enter at least one IPv4 subnet containing the internal IP addresses of the WireGuard connection. To allow packets from any IP subnet, enter 0.0.0.0/0 (default).
- 3.4 Endpoint Host: Specify the hostname or IPv4 address of the WireGuard server.
- 3.5 Endpoint Port: Specify the port of the WireGuard server (default: 51820). Range: 1-65535.

1.3 Support DS-Lite

Internet Settings

Internet Source	Ethernet Port #0	▼
IP Address Mode	DS-Lite	▼
MTU Size	1220	
DS-Lite Type	Manual	▼
AFTR Address	2001:b030:1420:1d1:dc19:9aff:feff	

IPV6 SETTINGS

IP Address Mode	Static IP	▼
IP Address	2001:b030:1420:1a1:7e8d:9cff:feef	
Default Gateway	2001:b030:1420:1a1::1	
DNS	2001:4860:4860::8888	

Support DS-Lite on the Internet Settings page.

- DS-Lite Type: Manual or Auto. If set to Auto, the AP will find the AFTR Address automatically. If set to Manual, the AFTR Address field will be displayed below.

2. AFTR Address: Enter the IPv6 address of your Internet Service Provider (ISP)'s AFTR (Address Family Transition Router) or a valid domain name.
3. MTU: The Maximum Transmission Unit (MTU) size. The default value is 1280.

1.4 Support Radio Resource Management

Radio Resource Management

Status ☒ ON

Utilization Threshold ?

Advanced Options ☒ ON

Interval (in seconds)

Consecutive Breaches ?

Optimization Algorithm ▼

Support Radio Resource management on the Radio Resource management page.

1. Radio Resource management: Enable or disable the Radio Resource Management feature.
2. Utilization Threshold: The percentage of airtime utilization threshold. If set to 70, channel optimization considers triggering when utilization exceeds 70%.
3. Advanced Options: Enable or disabled the advance options.
4. Interval (Sec): It defines the interval (in seconds) to check channel utilization.
5. Consecutive Breaches: It specifies the number of consecutive times for the channel utilization to be higher than the threshold before triggering channel optimization.
6. Optimization Algorithm: "Auto Channel Selection (ACS)" or "Random Channel Selection (RCS)" for selection.

2 Issue Fixed

2.1 The wireless scheduling is not working occasionally

Enable the wireless scheduling feature on ecCLOUD. Previously, changing the time on the wireless schedule prevented the SSID from disabling or enabling properly. This issue has been resolved in the current version.

2.2 The ARP inspection function is not operational.

Previously, enabling ARP inspection caused a kernel panic on the AP. This kernel panic issue has been resolved in this version.

2.3 The bandsteering is not operational on the 6GHz.

Bandsteering did not work properly on 6GHz. This issue has been resolved in the current version, and bandsteering is now working fine.

3 Known Issue

- 3.1** The WDS link is not established if the wireless security is no security.
- 3.2** The BLE scan result is empty on ecCLOUD after clicking the "Perform BLE Scan" button.

4 Compatible Version for AP Management

Compatible with ecCLOUD

Compatible with EWS-Series controller v3.96.0000 or later