



## Release Note

**Edgecore EWS5204 Release v3.95.0006**

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Enhancement from v3.95.0006

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## Revision History

Date	Version	Author	Remark
2024/ 10 / 31	V1.0	Vincent Cheng	Release Note for v3.95.0006

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# 1 AP Management Compatibility

## 1.1 Compatible Versions for AP Management

AP type	LAPM	WAPM	Compatible version
OAP100	V	V	3.45.0000 or newer
OAP100e	V	V	3.45.0000 or newer
EAP100	V	V	3.45.0000 or newer
ECW100	V	V	3.45.0000 or newer
ECW5210-L	V	V	3.45.0000 or newer
ECW5211-L	V	V	3.45.0000 or newer
ECW5410-L	V	V	3.45.0000 or newer
ECW05210-L	V	V	3.45.0000 or newer
ECW05211-L	V	V	3.45.0000 or newer
ECW05213-L	V	V	3.45.0000 or newer
OAP101		V	12.4.1 or newer
OAP101e		V	12.4.1 or newer
OAP101-6E		V	12.4.1 or newer
OAP101e-6E		V	12.4.1 or newer
OAP103-BR		V	11.6.4 or newer
EAP101		V	11.2.0-795 or newer
EAP102		V	11.2.0-796 or newer
EAP102-Lite		V	11.2.0-796 or newer
EAP104		V	12.0.0 or newer
SP-W2M-AC1200		V	7.0.0-2987 or newer
3rd Party		V	

## 2 Feature Enhancement

### 2.1 Support export all associated client list to system log

To enable the function from USERS > Additional Control > On line Users log

On line Users log  Enable  Disable

mins \*(Range: 1-30; Default: 1)

Output example:

```
Oct 21 16:40:02 @EWS5203 <user.notice> root: [AP Online All Users]: N/A,192.168.2.170,BC:B8:63:8F:BE:8C,iPad-555,4C_2G_PSK,2.4GHz,11,110K/241K,-20,78,6,EAP101,21 min 11 sec,iOS
Oct 21 16:40:02 @EWS5203 <user.notice> root: [AP Online All Users]:
123,10.131.5.83,04:92:26:DB:FF:14,ASUS_Phone,4C_5203_SPLIT222,5GHz,52,159K/4M,-25,75,54s,EAP101,21 min 11 sec,Android
```

Format:

Sep 20 10:41:28 @EWS5203 <user.notice> nobody: [AP Online All Users]: User Name,IP Address,MAC Address,Host Name,SSID,Radio,Channel,Bytes In/Bytes Out,RSSI,SNR,Idle,Access From(AP Name),Connected Time,Client OS

### 2.2 Support AP LLDP enable/disable on template

To enable the function from DEVICE > Wide Area AP Management > Template > Services > Send LLDP

Send LLDP  Disable  Enable

### **3 Issue Fixed**

#### **3.1 Fix AP list may lost after HA issue.**

## 4 Key note for HA configuration

Following function require to reboot controller to take effect, in HA mode may need two times swap to take effect for both Active and Standby controller.

### 4.1 WAN Configuration

WEB > SYSTEM > WAN > WAN1 Configuration

WEB > SYSTEM > WAN > WAN2 Configuration

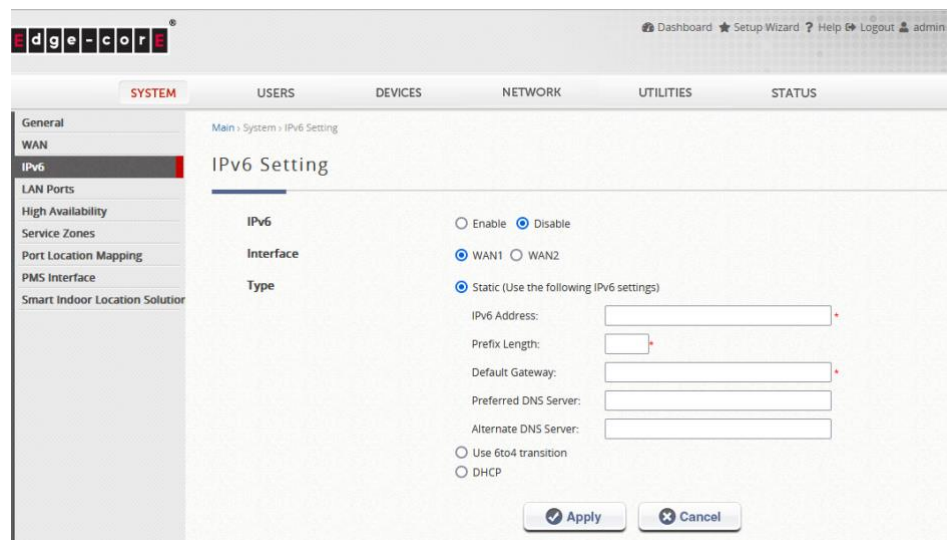
WEB > SYSTEM > WAN > WAN Traffic Setting > Bandwidth Limitation

WEB > SYSTEM > WAN > WAN Traffic Setting > Target for Detecting Internet Connection (retry number don't need to reboot EWS)

The screenshot displays the EWS5204 web interface. The top navigation bar includes 'Dashboard', 'Setup Wizard', 'Help', 'Logout', and 'admin'. Below this, a menu bar shows 'SYSTEM', 'USERS', 'DEVICES', 'NETWORK', 'UTILITIES', and 'STATUS'. The left sidebar contains a tree view with 'WAN' selected. The main content area is divided into two sections: 'WAN1 Configuration' and 'WAN2 Configuration'. In the 'WAN1 Configuration' section, 'Physical Mode' is set to 'Auto'. Under 'Interface Type', 'Static (Use the following IP settings)' is selected. The static IP settings are: IP Address: 192.168.2.190, Subnet Mask: 255.255.255.0, Default Gateway: 192.168.2.254, Preferred DNS Server: 8.8.8.8, and Alternate DNS Server: 8.8.4.4. Other options like 'Dynamic (IP settings assigned automatically)', 'PPPoE', and 'PPTP' are unselected. The 'WAN2 Configuration' section shows 'Physical Mode' as 'Auto' and 'Interface Type' as 'None'.

## 4.2 IPv6 Configuration

WEB > SYSTEM > IPv6





## 4.3 LAN Ports Configuration

WEB > SYSTEM > LAN Ports

### LAN Ports

LAN Port Mode  Port-Based  Tag-Based

When LAN Ports are set to Port-Based Mode, Service Zones will be differentiated by the respective LAN ports. When LAN Ports are set to Tag-Based Mode, VLANs are used to separate traffic to different Service Zones. This is needed for Port Location Mapping and Access Point Management.

Port - Service Zone Mapping

LAN1	LAN2	LAN3	LAN4
Default ▾	Default ▾	Default ▾	Default ▾
Default ▾	Default ▾	Default ▾	Default ▾
LAN5	LAN6	LAN7	LAN8

## 4.4 Import PLM List

WEB > SYSTEM > Port Location Mapping > Port Location Mapping List > Import List

**Edge-core**
Dashboard ★ Setup Wizard ? Help 🗑️ Logout 👤 admin

SYSTEM

USERS

DEVICES

NETWORK

UTILITIES

STATUS

Main > System > Port Location Mapping

### Create

Status  Enable  Disable Apply

Mapping Create

Subinterface Use LAN Port LAN1 ▾

Subinterface ID Enter a Number Here

Remark Optional

Add Cancel

### Lists

PLM List Show

Subinterface List Show

Tunnel PLM List Show

## 4.5 HA Configuration

WEB > SYSTEM > High Availability > Configuration

The screenshot shows the Edge-Core web interface. The top navigation bar includes 'Dashboard', 'Setup Wizard', 'Help', 'Logout', and 'admin'. The main navigation tabs are 'SYSTEM', 'USERS', 'DEVICES', 'NETWORK', 'UTILITIES', and 'STATUS'. The left sidebar lists various configuration options, with 'High Availability' selected. The main content area is titled 'High Availability Configuration' and shows the 'Current Status' as follows:

Dedicated Port	LAN1
Version	10000

Below the status is the 'Configuration' section, where the 'Status' is set to 'Disabled' (indicated by a red box around the radio button). At the bottom, there are 'Apply' and 'Cancel' buttons.

## 4.6 Config Restore and Reset

WEB > UTILITIES > Backup & Restore > Restore System

WEB > UTILITIES > Backup & Restore > Reset to Default

The screenshot shows the Edge-Core web interface. The top navigation bar includes 'Dashboard', 'Setup Wizard', 'Help', 'Logout', and 'admin'. The main navigation tabs are 'SYSTEM', 'USERS', 'DEVICES', 'NETWORK', 'UTILITIES', and 'STATUS'. The left sidebar lists various configuration options, with 'Backup & Restore' selected. The main content area is titled 'Backup System' and shows the following options:

- General Backup: Backup
- Period Backup: Configure

Below this is the 'Restore System' section, which includes 'Restore System Settings' with a dropdown menu (currently showing '未選擇檔案') and a list of checkboxes:

- Keep WAN1 setting.
- Keep Management IP Address List.
- Keep LAN, Alias, DHCP setting and Management Service Zone List.
- Keep Certificates.
- Keep Local Area AP Management setting.
- Keep Wide Area AP Management setting.
- Keep Switch Management setting.
- Keep Internal Authentication Server accounts.

At the bottom, there is a 'Reset to Default' section with a 'Reset to Factory Default' button (highlighted with a red box) and a 'Reset' button.

## 4.7 Certificates Configuration

WEB > UTILITIES > Certificates

The screenshot shows a web browser window with the address bar displaying `192.168.2.190/Utilities/CertSystem.shtml`. The page title is "System Certificate". Below the title is a table with three columns: "Cert Name", "Common Name", and "Operation".

Cert Name	Common Name	Operation
<b>Factory Default Certificate</b>		
Factory Default Certificate	CN=gateway.example.com	View Regenerate
<b>Internally Issued Certificate</b>		
N/A	N/A	View Delete
<b>Uploaded Certificate</b>		
N/A	N/A	View Delete Upload Intermediate/Root CA Verify

Below the table is the "Upload System Certificate" section, which contains three input fields: "Certificate", "Private Key", and "Intermediate CA". Each field has a "浏览..." (Browse...) button and a "未選擇檔案" (No file selected) message. An "Upload" button is located at the bottom of this section.

## 4.8 Reporting Notification for Session Log and Firewall Log

WEB > STATUS > Reporting Notification Settings > Session Log

WEB > STATUS > Reporting Notification Settings > Firewall Log

## 4.9 VPN Configuration

WEB > NETWORK > VPN > Remote VPN IKEv2 (Enable/Disable)

WEB > NETWORK > VPN > Site-to-Site VPN