



## Release Note

**Edgecore EWS5204 Release v3.95.0004**

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Enhancement from v3.94.0009

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## Revision History

Date	Version	Author	Remark
2024/ 9 / 27	V1.0	Vincent Cheng	Release Note for v3.95.0004
2024/ 12 / 12	V1.1	Vincent Cheng	Update fixed issue

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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 display QR code of On-demand account on screen

Username	34mk@ondemand
Password	bnex
Plan : Account Type	1 : Usage-time
Quota	1 day(s) of usage time
Unit	1 Units
Total Price	11
Max User	1
Reference	
External ID	
ESSID : SSID0	
Shared Wireless Key: None (Open System)	
You have to login before 2024/09/21 15:57	

Thank You!



Send to Pos
Printout
Close

### 2.2 Support option in Template to auto sync up configuration for 5G & 2.4G SSID

Radio	5G
VAP	VAP-1:Guest Network <span>Add</span> <span>Remove</span>
VAP Synchronize To Other Radio	<input checked="" type="checkbox"/>
Status	<input checked="" type="radio"/> Disable <input type="radio"/> Enable
SSID	Guest Network

## 2.3 System Report Improvement

Web > STATUS > System Summary > System Report > "Top 10 Wi-Fi by Traffic": Top 10 Wi-Fi based on traffic of the Aps

Web > STATUS > System Summary > System Report > "Top 10 Wi-Fi by Traffic": Top 10 Wi-Fi based on traffic of the Online Users

[Download PDF](#)

Item select: Top 10 Wi-Fi by Traffic AP

### Downlink

Ranking	AP Name	MAC Address	IP Address	Bit(s)
1	EC-EAP101-15	34:EF:B6:AF:49:A8	10.131.5.234	1.28 MBits
2	EC-EAP101-16	90:3C:B3:B1:6C:A3	10.72.22.239	0 Bit
3	EC-EAP101-11	90:3C:B3:52:9E:BC	10.72.22.129	0 Bit
4	EC-EAP101-05	90:3C:B3:BC:98:B9	10.72.22.45	0 Bit
5	EC-EAP101-03	90:3C:B3:52:9E:17	10.72.22.38	0 Bit
6	EC-EAP101-02	90:3C:B3:B1:6A:C3	10.72.22.31	0 Bit

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### Uplink

Ranking	AP Name	MAC Address	IP Address	Bit(s)
1	EC-EAP101-15	34:EF:B6:AF:49:A8	10.131.5.234	192.24 KBits
2	EC-EAP101-16	90:3C:B3:B1:6C:A3	10.72.22.239	0 Bit
3	EC-EAP101-11	90:3C:B3:52:9E:BC	10.72.22.129	0 Bit
4	EC-EAP101-05	90:3C:B3:BC:98:B9	10.72.22.45	0 Bit
5	EC-EAP101-03	90:3C:B3:52:9E:17	10.72.22.38	0 Bit
6	EC-EAP101-02	90:3C:B3:B1:6A:C3	10.72.22.31	0 Bit

Web > STATUS > System Summary > Monitor Users > Online Users: Change display unit from "Bytes In/Out" to "Bits In/Out"

Online Users List

Select Mode:  Summary  Detail

Refresh

<input type="checkbox"/>	No.	Username	IP Address	IPv6 Address	MAC Address	SZ / VLAN	Group / Policy	Auth. Database	Auth. Method	Pkts In/Out	Bits In/Out	Access From (AP/SSID)	Uptime	Idle
<input type="checkbox"/>	1	1@local	10.1.1.27	N/A	04:92:26:DB:FF:14	SZ1 / TN#1.1001	Group 1 / Policy 1	LOCAL	UAM	880 / 1k	2M / 8M	EAP101/4C_5203_COM	1m27s	0s

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### **3 Issue Fixed**

**3.1 Remove OID1.3.6.1.4.1.259.7**

**3.2 System report wait for 5min to display and can't download pdf**

**3.3 Improve the push config flow, controller will notify the failed apply AP, in AP list status and syslog**

**3.4 Highlight firmware upgrade failed AP in AP list**

**3.5 AP list will wrongly display AP status when AP is behind NAT**

**3.6 Adjust the User Event download to allow 2 ~ 3 month download**

**3.7 To support time zone for Nepal**

**3.8 Fix RADIUS log is not displayed in Radius Server Log**

**3.9 Remove Antenna mode setting in template**

**3.10 Fix WAN2 is not working properly**

**3.11 Fix many AP from Online change to Offline may caused od\_emcd keep restarting and AP information not update complete issue. (Form system log will see "od\_emcd abnormal update status" every one minute)**

## 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 lists various configuration options: General, WAN, IPv6, LAN Ports, High Availability, Service Zones, Port Location Mapping, PMS Interface, and Smart Indoor Location Solution. 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' set to 'Auto' and 'Interface Type' set to 'None'. Other options like 'Static (Use the following IP settings)', 'Dynamic (IP settings assigned automatically)', and 'PPPoE' are unselected.



## 4.2 IPv6 Configuration

WEB > SYSTEM > IPv6

The screenshot shows the Edge-core web interface for IPv6 configuration. The breadcrumb trail is 'Main > System > IPv6 Setting'. The left sidebar contains a menu with 'IPv6' selected. The main content area is titled 'IPv6 Setting' and includes the following options:

- IPv6:**  Enable  Disable
- Interface:**  WAN1  WAN2
- Type:**  Static (Use the following IPv6 settings)
  - IPv6 Address:
  - Prefix Length:
  - Default Gateway:
  - Preferred DNS Server:
  - Alternate DNS Server:
- Use 6to4 transition
- DHCP

At the bottom of the form are 'Apply' and 'Cancel' buttons.

### 4.3 LAN Ports Configuration

WEB > SYSTEM > LAN Ports

#### LAN Ports

LAN Port Mode

Port - Service Zone Mapping

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.

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

### 4.4 Import PLM List

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

The screenshot shows the Edge-Core web management interface. The top navigation bar includes 'SYSTEM', 'USERS', 'DEVICES', 'NETWORK', 'UTILITIES', and 'STATUS'. The left sidebar lists various configuration sections, with 'Port Location Mapping' highlighted. The main content area is titled 'Create' and contains the following form elements:

- Status:** Radio buttons for 'Enable' and 'Disable' (selected), with an 'Apply' button.
- Mapping:** A 'Create' button.
- Subinterface:**
  - 'Use LAN Port' dropdown menu set to 'LAN1'.
  - 'Subinterface ID' text input field with placeholder 'Enter a Number Here'.
  - 'Remark' text input field with placeholder 'Optional'.
  - 'Add' and 'Cancel' buttons.
- Lists:**
  - 'PLM List' with a 'Show' button.
  - 'Subinterface List' with a 'Show' button.
  - 'Tunnel PLM List' with a 'Show' button.

## 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' section with 'Dedicated Port' set to 'LAN1' and 'Version' set to '10000'. Below this 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 'General Backup' and 'Period Backup' sections. Below this is the 'Restore System' section, which includes a 'Restore System Settings' dropdown menu and a list of checkboxes for settings to keep (e.g., 'Keep WAN1 setting', 'Keep Management IP Address List', etc.). At the bottom, there is a 'Reset to Default' section with a 'Reset to Factory Default' button highlighted by a red box.

## 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`. Below the browser window, the page title is "System Certificate".

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**: 瀏覽... 未選擇檔案
- Private Key**: 瀏覽... 未選擇檔案
- Intermediate CA**: 瀏覽... 未選擇檔案

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