



Release Note

Edgecore EWS5203 Release v3.95.0004

Document # Edgecore_EWS5203_ERN_v3.95.0004

Enhancement from v3.94.0009

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Revision History

Date	Version	Author	Remark
2024/ 9 / 24	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

Add

Remove

VAP Synchronize To Other Radio

☒

Status

☒ Disable ☐ 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

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

Logout
Refresh

IP or MAC
Search

Refresh
Disable

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
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

(Total:1)
First
Prev
Next
Last
Go to Page
1
(Page:1/1)
Row per Page:
50

3 Issue Fixed

3.1 Remove OID1.3.6.1.4.1.259.7 from EWS101

3.2 EWS101 displays Off on Auto-Negotiation

3.3 Fix new license can not apply to VEWS

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

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

3.6 Highlight firmware upgrade failed AP in AP list

3.7 AP list will wrongly display AP status when AP is behind NAT

3.8 Adjust the User Event download to allow 2 ~ 3 month download

3.9 To support time zone for Nepal

3.10 Fix RADIUS log is not displayed in Radius Server Log

3.11 Remove Antenna mode setting in template

3.12 Fix ECW5211 Firmware could not put on VEWS

3.13 Fix WAN2 is not working properly on EWS5203

3.14 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 EWS5203 web interface. The top navigation bar includes 'Dashboard', 'Setup Wizard', 'Help', 'Logout', and 'admin'. Below this, a secondary navigation bar shows 'SYSTEM', 'USERS', 'DEVICES', 'NETWORK', 'UTILITIES', and 'STATUS'. The left sidebar lists various configuration categories: 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, the 'Physical Mode' is set to 'Auto'. Under 'Interface Type', the 'Static (Use the following IP settings)' option 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 is partially visible below, showing 'Physical Mode' set to 'Auto' and 'Interface Type' set to 'None'.

4.2 IPv6 Configuration

WEB > SYSTEM > IPv6

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Dashboard Setup Wizard ? Help Logout admin

SYSTEMUSERSDEVICESNETWORKUTILITIESSTATUS

General

WAN

IPv6

LAN Ports

High Availability

Service Zones

Port Location Mapping

PMS Interface

Smart Indoor Location Solution

Main > System > IPv6 Setting

IPv6 Setting

IPv6

Interface

Type

☐ Enable

☒ Disable

☒ WAN1

☐ WAN2

☒ Static (Use the following IPv6 settings)

IPv6 Address:

Prefix Length:

Default Gateway:

Preferred DNS Server:

Alternate DNS Server:

☐ Use 6to4 transition

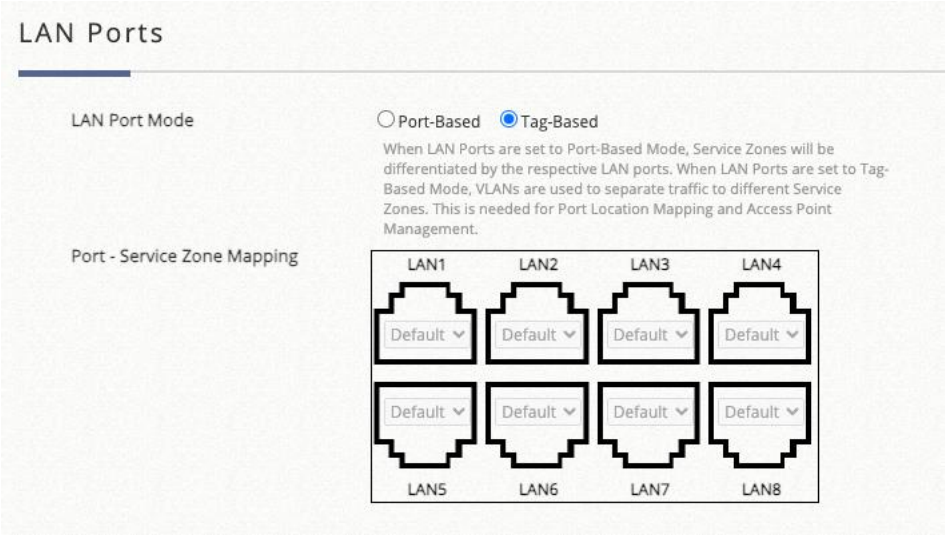
☐ DHCP

Apply

Cancel

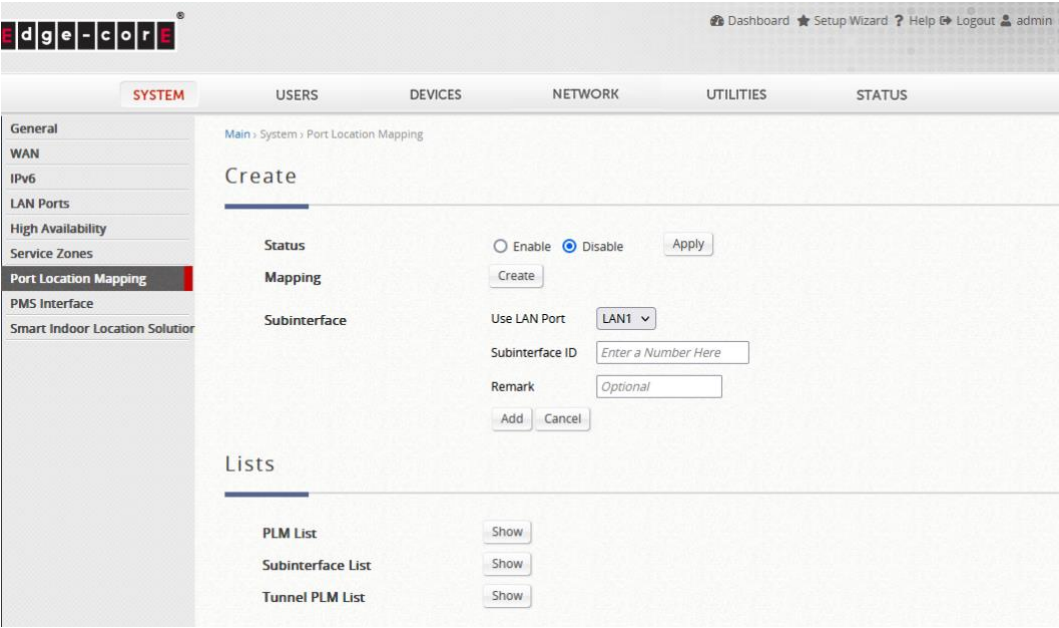
4.3 LAN Ports Configuration

WEB > SYSTEM > LAN Ports



4.4 Import PLM List

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



4.5 HA Configuration

WEB > SYSTEM > High Availability > Configuration

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Dashboard Setup Wizard ? Help Logout admin

SYSTEM USERS DEVICES NETWORK UTILITIES STATUS

General
WAN
IPv6
LAN Ports
High Availability
Service Zones
Port Location Mapping
PMS Interface
Smart Indoor Location Solution

Main > System > High Availability Configuration

Current Status

Dedicated Port	LAN1
Version	10000

Configuration

Status ☐ Enabled ☒ Disabled

Apply Cancel

4.6 Config Restore and Reset

WEB > UTILITIES > Backup & Restore > Restore System

WEB > UTILITIES > Backup & Restore > Reset to Default

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Dashboard Setup Wizard ? Help Logout admin

SYSTEM USERS DEVICES NETWORK **UTILITIES** STATUS

Administrator Accounts
Backup & Restore
Certificates
Network Utilities
Restart
System Upgrade

Main > Utilities > Backup & Restore

Backup System

General Backup Backup

Period Backup Configure

Restore System

Restore System Settings 瀏覽... 未選擇檔案

- ☐ 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.

Restore

Reset to Default

Reset to Factory Default Reset

4.7 Certificates Configuration

WEB > UTILITIES > Certificates

192.168.2.190/Utilities/CertSystem.shtml

歡迎回來！看來您好一陣子沒有開啟 Firefox 了，您想要清理一下設定檔，讓您能有彷彿全新安裝一般的體驗嗎？

重新整理 Firefox... (E)

System Certificate

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

Upload System Certificate

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。

Upload

4.8 Reporting Notification for Session Log and Firewall Log

WEB > STATUS > Reporting Notification Settings > Session Log

WEB > STATUS > Reporting Notification Settings > Firewall Log

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Dashboard Setup Wizard Help Logout admin

SYSTEM USERS DEVICES NETWORK UTILITIES STATUS

System Summary
Interfaces
Monitor Users
WiFi Monitor
Process Monitor
Logs & Reports
Reporting
Notification Settings
FTP Settings
SMTP Settings
Syslog Settings
Alarms & Events Settings
Sessions
DHCP Leases
Routing Tables

Main > Status > Reporting > Notification Settings

Notification Settings

	Receiver E-mail Address(es)					SYSLOG	Primary FTP	Interval
	1	2	3	4	5			
Monitor IP Report	☐	☐	☐	☐	☐	☐	N/A	1 Hour
Local Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
On-Demand Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
Guest Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
Roaming Out Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
Roaming In Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
External Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
Social Media Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
One Time Password Users Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
Session Log	☐	☐	☐	☐	☐	☐	☐	1 Hour
Firewall Log	☐	☐	☐	☐	☐	☐	N/A	1 Hour
High Availability Mode Change	☐	☐	☐	☐	☐	☐	N/A	N/A
Online User Limit Notification	☐	☐	☐	☐	☐	☐	N/A	N/A
Local Area AP Status Change	☐	☐	☐	☐	☐	☐	N/A	2 Mins
On-Demand User Billing Report	☐	☐	☐	☐	☐	☐	N/A	☐ 0 Daily Report ☐ Sun Weekly Report ☐ 1 Monthly Report
Wide Area AP Status Change	☐	☐	☐	☐	☐	☐	N/A	2 Mins
Wide Area AP Report								☐ CPU Loading ☐ Memory Usage ☐ Network Delay ☐ Network Traffic ☐ Associated Clients ☐ VAP Traffic ☐ WDS Traffic
Wide Area AP Netconsole	N/A					☐	N/A	N/A
Guest Information	☐	☐	☐	☐	☐	☐	N/A	☐ 0 Daily Report ☐ Sun Weekly Report

4.9 VPN Configuration

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

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

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Dashboard Setup Wizard Help Logout admin

SYSTEM USERS DEVICES NETWORK UTILITIES STATUS

NAT
Monitor List
Walled Garden
VPN
Proxy Server
Local DNS Records
Dynamic Routing
DDNS
Client Mobility

Main > Network > VPN

Remote VPN IKEv2

Function ☐ Enable ☒ Disable

Site-to-Site VPN

Local Sites

Add... Delete

No.	Local Host/Subnet	Local Interface	Remote VPN Gateway	Remote Host/Subnet	Tunnel Status

Remote Sites

Add... Delete

No.	Name	IP Address	Pre-shared Key

Apply Cancel