



Release Note

Edgecore EWS5203 Release v3.95.0006

Document # Edgecore_EWS5203_ERN_v3.95.0006

Enhancement from v3.95.0006

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Revision History

Date	Version	Author	Remark
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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 EWS5203 web interface. The top navigation bar includes 'Dashboard', 'Setup Wizard', 'Help', 'Logout', and 'admin'. Below this is a tabbed menu with '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, 'Physical Mode' is set to 'Auto'. Under 'Interface Type', 'Static (Use the following IP settings)' is selected, with fields for 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

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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

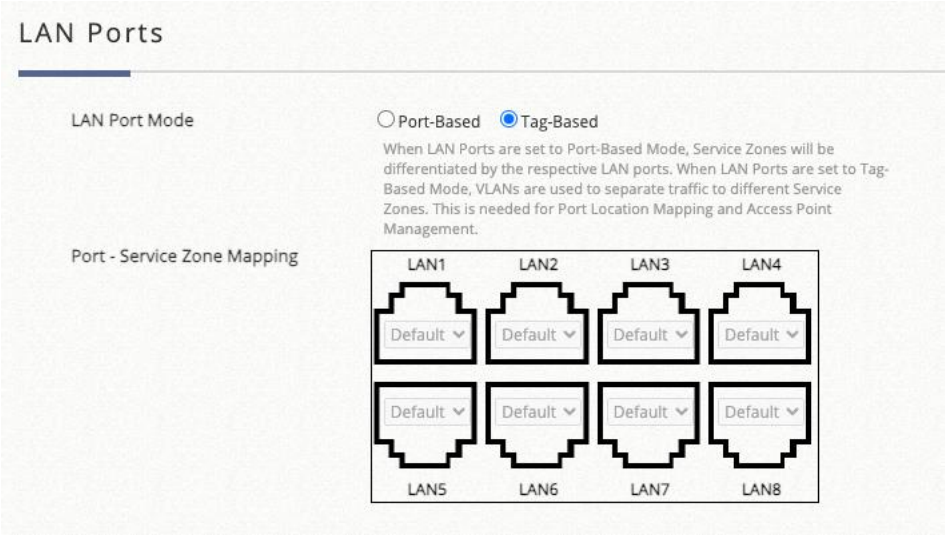
☐ DHCP

Apply

Cancel

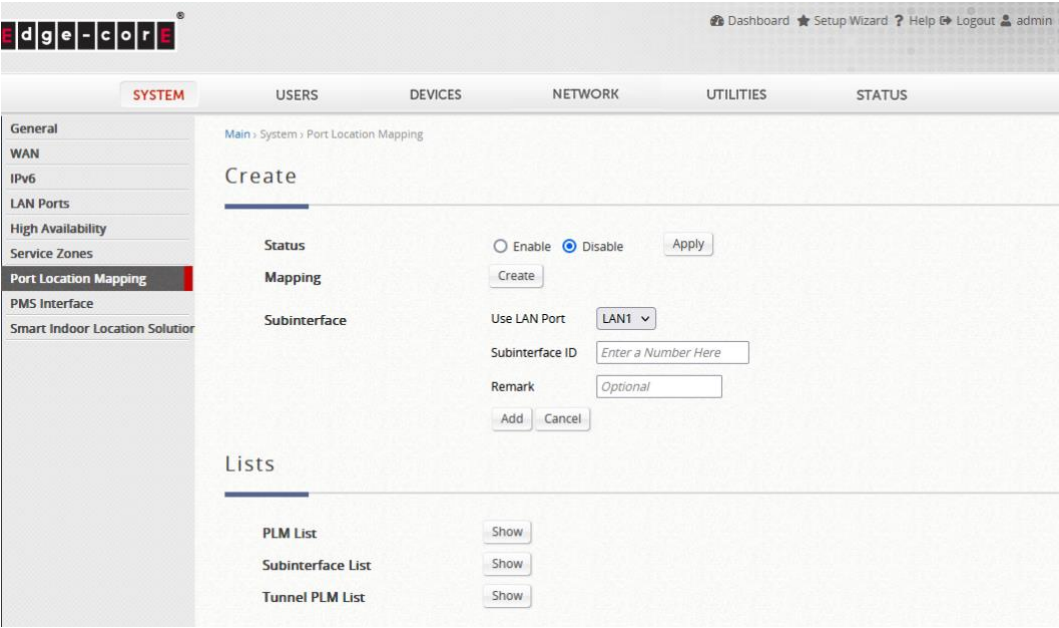
4.3 LAN Ports Configuration

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	ViewRegenerate
Internally Issued Certificate		
N/A	N/A	ViewDelete
Uploaded Certificate		
N/A	N/A	ViewDeleteUpload Intermediate/Root CAVerify

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