



## Release Note

**Edgecore EWS5203 Release v3.60.0000**

**Document #** Edgecore\_EWS5203\_ERN\_v3.60.0000

Enhancement from v3.52.0100

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## Revision History

Date	Version	Author	Remark
2022/ 8 / 25	V1.0	Bill Chen	Release Note for v3.60.0000
2022/ 9 / 12	V1.1	Bill Chen	Release Note for v3.60.0000

## Table of Contents

1	AP Management Compatibility.....	4
1.1	Compatible Versions for AP Management.....	4
2	Feature Enhancement.....	5
2.1	Support OAP103-BR and EAP104 in WAPM .....	5
2.2	Support New WAPM Feature in New Generation Template .....	5
2.3	Support DFS channel for EAP101 in WAPM New Generation Template .....	6
2.4	Support AP Load Balancing of WiFi6 AP in WAPM .....	6
2.5	Support Netconsole for ECW5211-L.....	6
2.6	Modify the number of WAPM template.....	7
3	Issue Fixed.....	8
3.1	In WAPM > AP List, VLAN ID can't show correctly in AP status .....	8
3.2	In WAPM, the status of backup configuration and AP is not correct in 3 <sup>rd</sup> party AP when Daily Backup Time is disabled.....	8
3.3	In WAPM, EAP102 firmware can't be uploaded to the firmware page. ....	8
3.4	There are no descriptions and some errors in the private MIB files. ....	8
3.5	SNMP walk can't get the correct result in the OID (.1.3.6.1.4.1.259.3.1.8.1.4) .....	8
3.6	In WAPM, the import file of AP List doesn't support OAP100e. ....	8
3.7	In WAPM, minimum signal allowed can't be set to 0 in New Generation Template. ....	8
3.8	PC can't pop up the login page on the Chrome or Edge browser when https login is enabled. 8	
3.9	In WAPM, VLAN tag list is not sorted in the WiFi6 AP when applying the New Generation template from controller.....	8
3.10	In WAPM, the default value of TX power is not correct in the New Generation template. ....	8
3.11	In WAPM, the IP address of AP online user list can't be displayed correctly. ....	8
3.12	In WAPM, the number of users is not updated on the AP List page. ....	8
3.13	There is an error message "vncstatd Error: Invalid database timestamp" in the log. ....	8
3.14	There are kernel dump messages sometimes when controller reboots. ....	8
3.15	In Legacy template > Firewall Settings, the template with Proxy ARP enabled and ARP inspection disabled can't be applied to the AP successfully. ....	8
3.16	The Billing Plan Selection Page with Midtrans payment gateway can't display correctly when previewing the page. ....	8
3.17	Unable to get MIB values (edgcoreAccessControllerMiscMIB & edgcoreACSysMiscInfo) with snmpwalk command.....	8
3.18	In WAPM > AP List, the AP SNMP write community and AP name can't be applied to WiFi6 AP. 8	
3.19	The WAN MAC address is not correct after switching the HA.....	9

4 Known Issue .....10

4.1 AP can't pop up the login page when applying the New Generation template with split tunnel and guest network behavior.....10

# 1 AP Management Compatibility

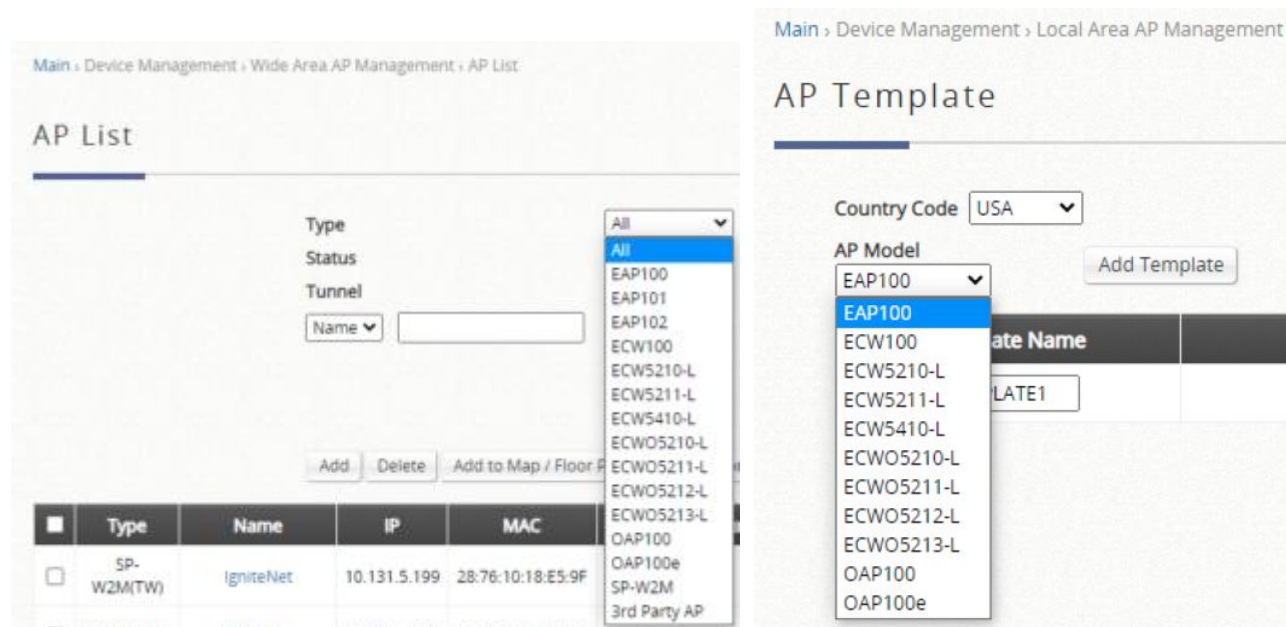
## 1.1 Compatible Versions for AP Management

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
ECWO5210-L	V	V	3.45.0000 or newer
ECWO5211-L	V	V	3.45.0000 or newer
ECWO5213-L	V	V	3.45.0000 or newer
<b>OAP103-BR</b>		<b>V</b>	<b>11.6.4 or newer</b>
EAP101		V	11.2.0-795 or newer
EAP102		V	11.2.0-796 or newer
<b>EAP104</b>		<b>V</b>	<b>12.0.0 or newer</b>
SP-W2M-AC1200		V	7.0.0-2987 or newer
3rd Party		V	

## 2 Feature Enhancement

### 2.1 Support OAP103-BR and EAP104 in WAPM

In Devices > WAPM, OAP103-BR and EAP104 can be supported.



### 2.2 Support New WAPM Feature in New Generation Template

In Devices > WAPM, add the following features in the New Generation Template.

1. Hotspot 2.0
2. OWE
3. Multicast-to-Unicast Conversion
4. Proxy ARP
5. Multiple keys
6. WPA3 Enterprise 192-bit
7. Guest Network
8. WME
9. Multicast/Broadcast Rate
10. TWT
11. iBeacon
12. OFDMA
13. BSS coloring
14. SGI

15. Open Mesh

## 2.3 Support DFS channel for EAP101 in WAPM New Generation Template

In Devices > WAPM, DFS channel of New Generation template can be applied to the EAP101.

## 2.4 Support AP Load Balancing of WiFi6 AP in WAPM

In Devices > WAPM, AP Load Balancing feature can be supported in WiFi6 AP.

Main > Device Management > Wide Area AP Management > AP Load Balancing

### WAPM Load Balancing

Load Balancing  Enable  Disable

AP Distance  meter(s)

Interval  minute(s)

Threshold  Number of Clients  clients  Number of Packets

### Map Cluster Setting

Map

Cluster

Cluster	Device Name	IP Address	RF	Power Level	# of Users	Log
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## 2.5 Support Netconsole for ECW5211-L

In Main > Status > Reporting > Notification Settings, enable “Wide Area AP Netconsole”. In addition, enable WAPM and CAPWAP in the controller. When AP enables CAPWAP and managed by controller, netconsole logs will be sent to the syslog of controller.

Notification Settings

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

## 2.6 Modify the number of WAPM template

The original number of WAPM template is 30. In this version, the number is increased to 100.

Main > Device Management > Wide Area AP Management > Template

### Template AP Setting

Select Product Type: New Generation

Select Template: 100: Template 100

Template Name: 81: Template 81

Country: [dropdown]

Radio: [dropdown]

Wireless Network: [dropdown]

VLAN Settings: [dropdown]

Services: [dropdown]

Copy Settings to: [dropdown]

Apply

Main > Device Management > Wide Area AP Management > Template

### Template AP Setting

Select Product Type: Legacy

Select Template: 100: Template 100

Template Name: 81: Template 81

Country: [dropdown]

General Settings: [dropdown]

VAP Configuration: [dropdown]

Security Settings: [dropdown]

Advanced Wireless Settings: [dropdown]

Hotspot 2.0 Settings: [dropdown]

Firewall Settings: [dropdown]

Linkyfi's Location Engine: [dropdown]

Copy Settings to: [dropdown]

Apply



### **3 Issue Fixed**

- 3.1 In WAPM > AP List, VLAN ID can't show correctly in AP status**
- 3.2 In WAPM, the status of backup configuration and AP is not correct in 3<sup>rd</sup> party AP when Daily Backup Time is disabled.**
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