Release Note

Edgecore EAP102 Release v11.5.0

Document # EAP102-v11.5.0-1175-b0f6e6d5

Enhancement from v11.4.0-1087-0cfe02d8

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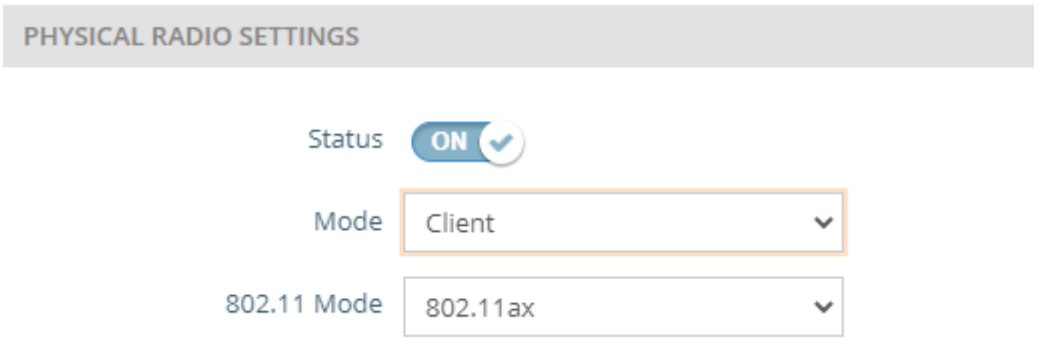
1 Feature

1.1 Client Mode

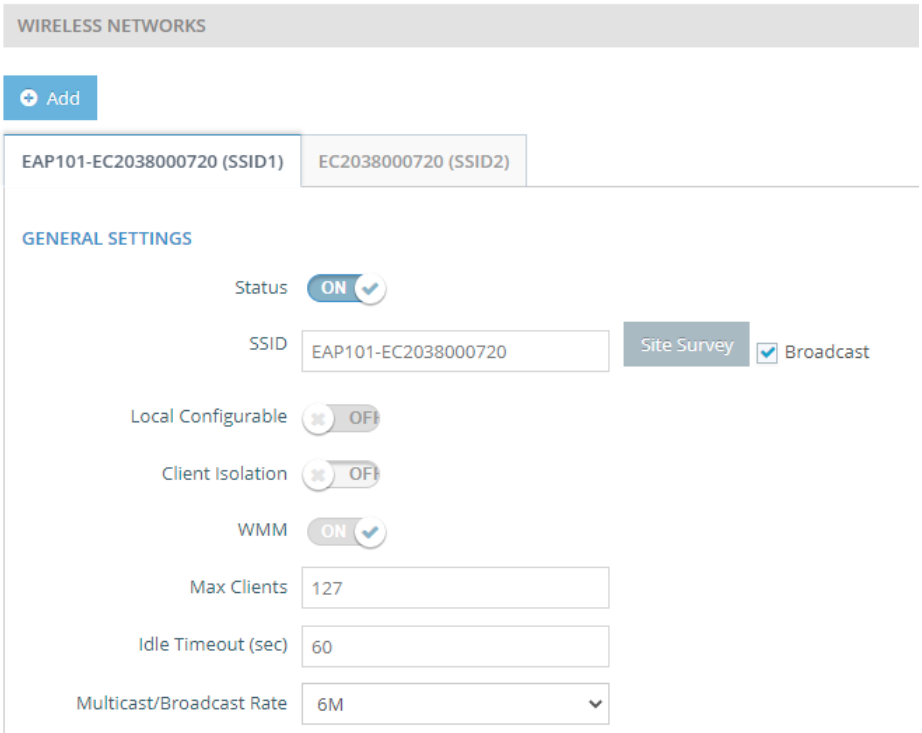


Support Client mode on the Radio 5/2.4 GHz page of Wireless.

The following items are displayed on this page:

1. Mode — Add client option. Client mode AP can connect to another AP which is set to Access Point (Auto-WDS) to establish wireless link. Clients can connect to the internet with the SSID of client mode AP.

1.2 Site Survey

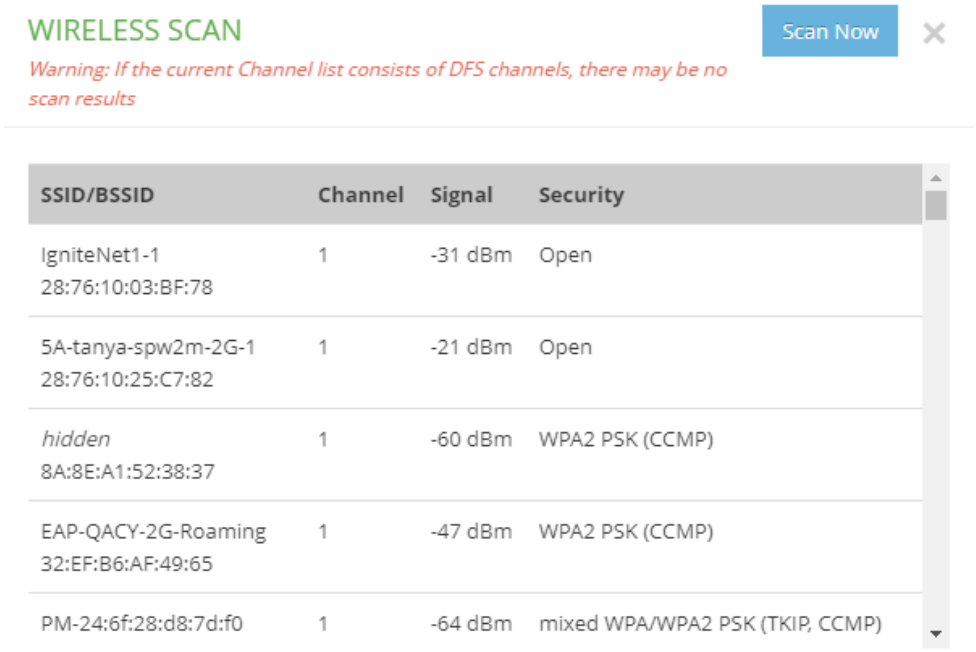


Support Site Survey on the Radio 5GHz/2.4GHz of the wireless page.

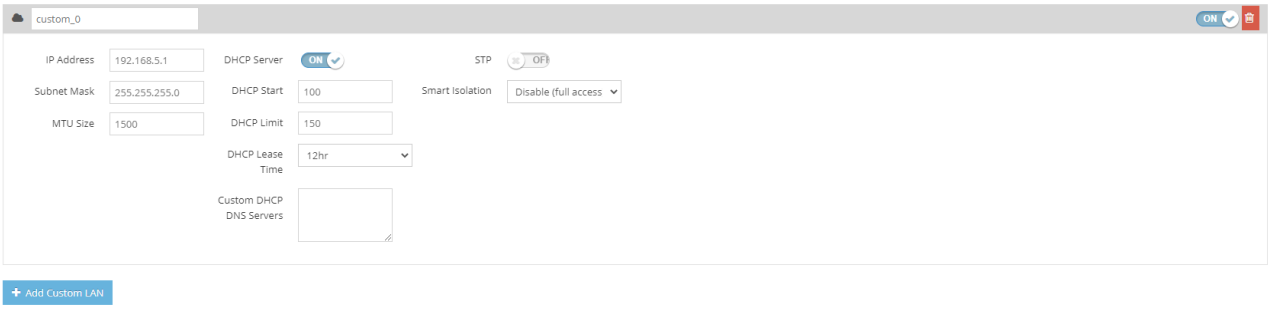
The following items are displayed on this page:

1. Site Survey — Start the site survey feature. The device will scan other SSIDs on the same radio. The result displays in the following.

Note that if the Radio 5GHz is working on DFS channel, there may be no scan results.



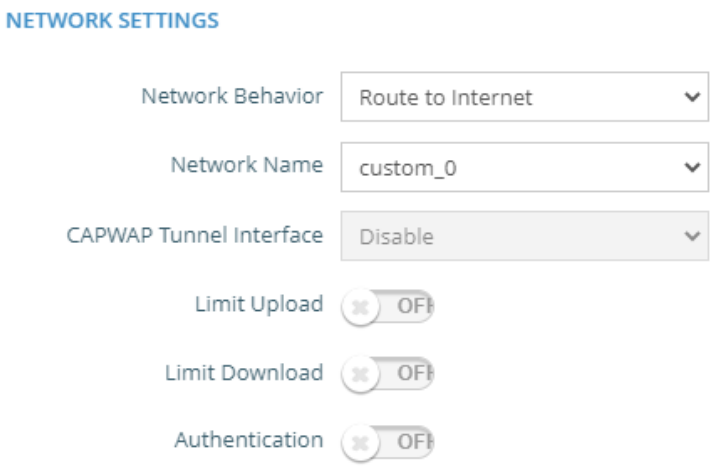
1.3 Custom LAN



Support Custom LAN on the LAN Settings page of Network.

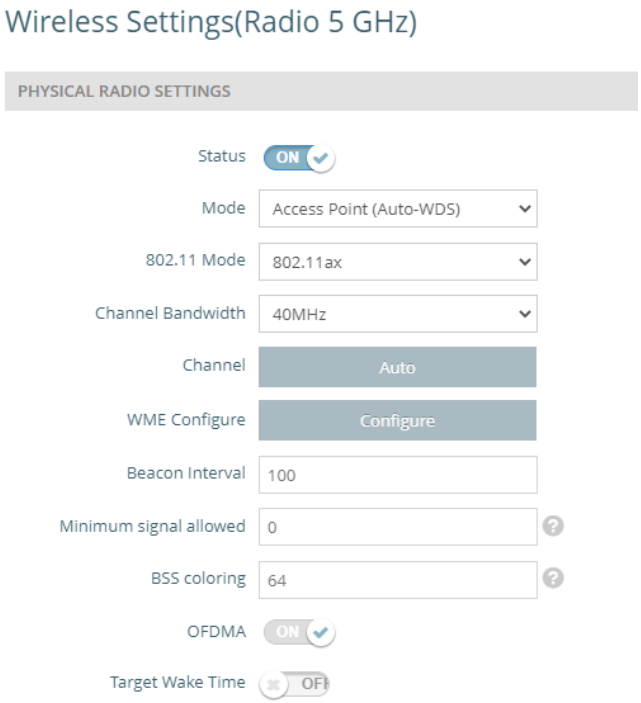
The following items are displayed on this page:

1. Custom LAN — Add one or more custom LAN.



If the custom LAN is added, this custom LAN can be used in the Route to Internet on the wireless 2.4GHz and 5Ghz page.

1.4 BSS Coloring

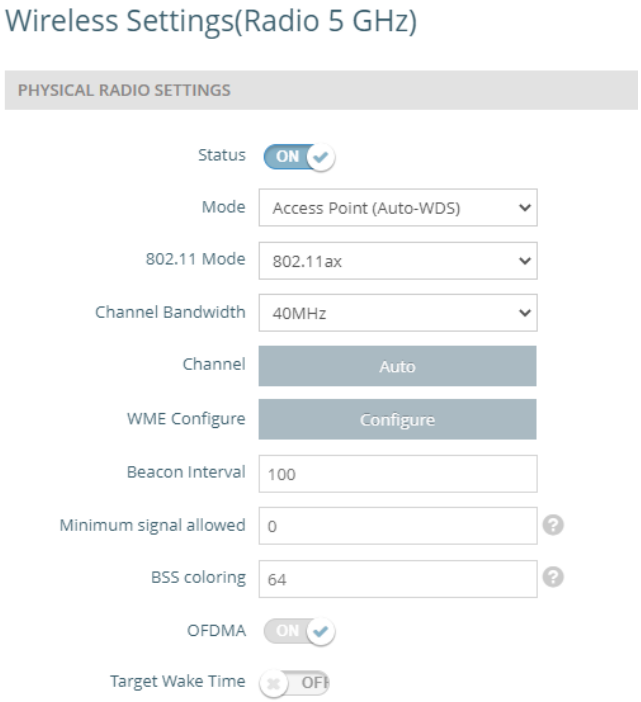


Support BSS coloring on the Radio 5GHz/2.4GHz of the wireless page.

The following items are displayed on this page:

1 BSS coloring — Enables or disables BSS coloring feature in 802.11ax mode.
- 1.1 0: Disable BSS coloring
- 1.2 1-63: Pre-defined color
- 1.3 64: Random color

1.5 TWT

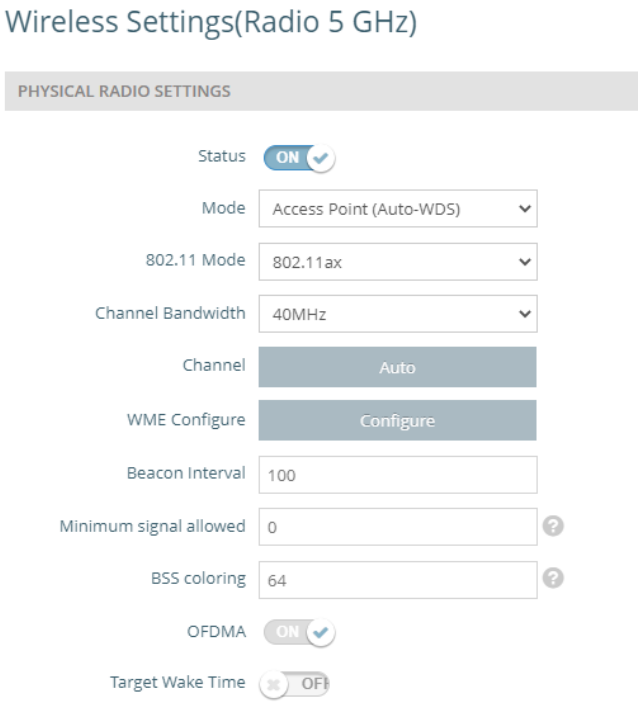


Support Target Wake Time on the Radio 5GHz/2.4GHz of the wireless page.

The following items are displayed on this page:

1 Target Wake Time — Enables or disables TWT feature in 802.11ax mode.

1.6 OFDMA

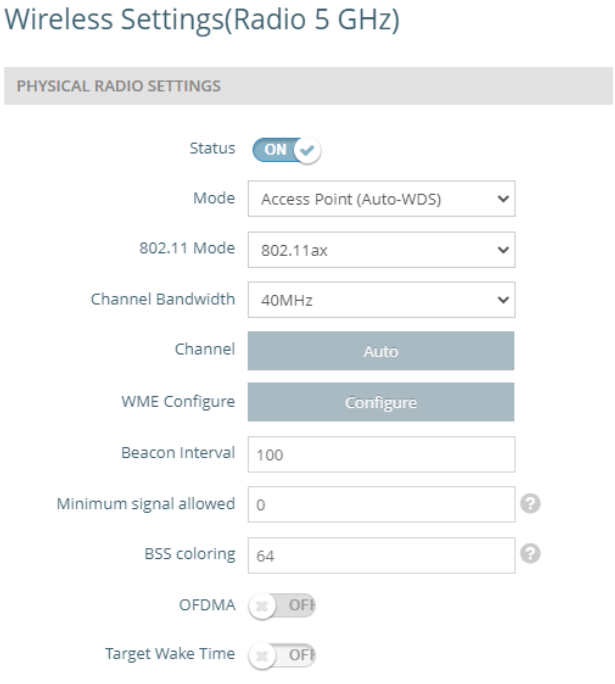


Support OFDMA on the Radio 5GHz/2.4GHz of the wireless page.

The following items are displayed on this page:

1 OFDMA — Enables OFDMA feature by default in 802.11ax mode.

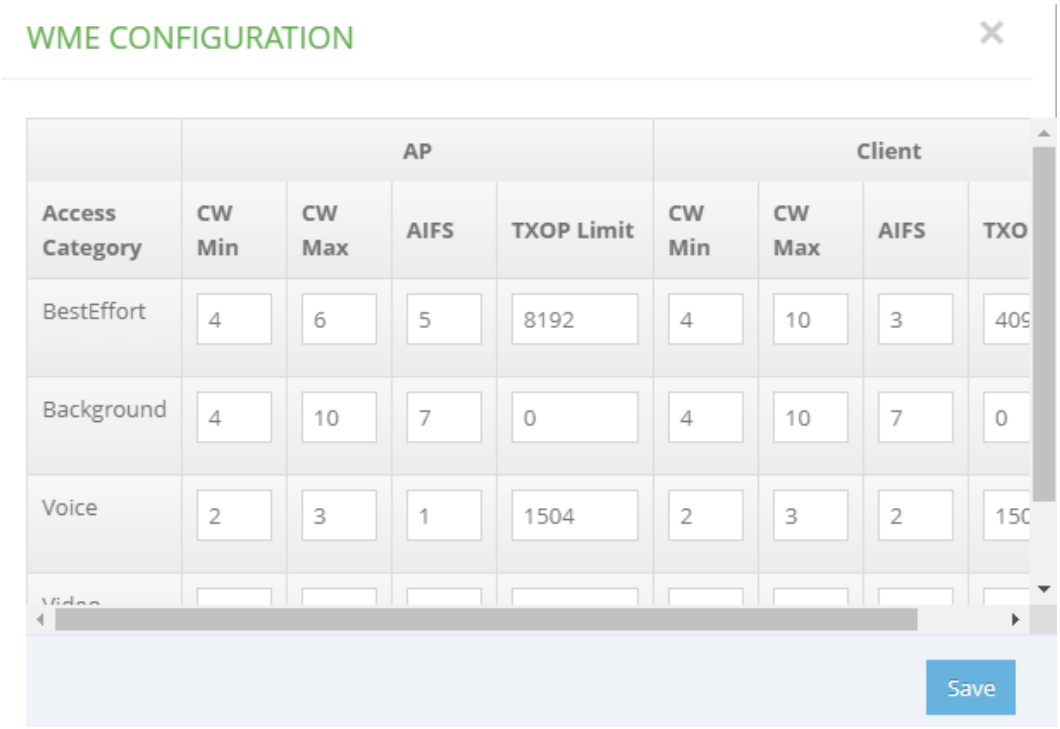
1.7 WME



Support WME on the Radio 5GHz/2.4GHz of the wireless page.

The following items are displayed on this page:

1 WME configure — Edit WME configuration.



2 Issue Fixed

2.1 The MAC address format is not correct for some SNMP OID

The MAC address format in edgecoreAPStaMACAddress & edgecoreAPStaSSIDMacAddress is “Hex-String” which is not same as the previous ECW-series product. The correct format is STRING. e.g. STRING: "40:40:a6:91:bc:be".

2.2 The missing client information in edgecoreAPStaVlanId

When multiple devices associate to the SSID, the number of edgecoreAPStaVlanId doesn’t match the devices. This issue has been resolved in this version.

2.3 iPhone11 or newer iPhone can’t connect to the SSID with "WPA3-Enterprise" or "WPA3-Enterprise Transition"

If the SSID is set to "WPA3-Enterprise" or "WPA3-Enterprise Transition", iPhone11 or newer iPhone can’t connect successfully. This issue has been resolved in this version.

Note that Windows10 devices can’t select "WPA3-Enterprise" option due to the Windows10 software issue, therefore, Windows10 devices can’t connect to the SSID with "WPA3-Enterprise".

2.4 Minimum signal allowed doesn’t work normally

3 Known issue

3.1 The connection of specific Microsoft surface devices is unstable using WPA2-PSK SSID

If the 5Ghz SSID is set to WPA2-PSK SSID, the connection of some Microsoft surface devices is unstable.

3.2 The SSID compatible issue in Windows 10 devices with the specific ethernet card

Using Intel AX200 (old version) or Realtek RTL8822BE with Windows 10 devices, the connection of the devices is unstable connecting to the SSID.

Note that there is no connection issue if the driver of Intel AX200 is updated to 22.60.0.6 or later version.

3.3 DFS channel can’t be used when establishing mesh link

If DFS channel is used, mesh link can’t be established successfully.

3.4 Firewall rule is not working if destination is set to "Any"

3.5 The throughput of mesh link decreases after reboot or reconfiguration

In mesh topology, after AP reboots or reconfigure the wireless configuration, the throughput of mesh link will decrease.

3.6 IOS devices are not able to get IP address when connecting to the SSID on client mode AP

Client mode AP is associated to the SSID of AP. IOS devices can’t get the IP address from the 2.4Ghz SSID with bridge to internet in client mode AP.

3.7 Custom LAN can’t work on the mesh link

Set the mesh network behavior of AP1 to route to internet with custom LAN and establish the mesh link with AP2. AP2 can’t get the correct IP address from AP1.

3.8 Client mode AP can’t associate to the SSID in custom LAN

AP1 SSID sets to route to internet with custom LAN. Client mode AP can’t associated to the

SSID of AP1.

4 Compatible Version for AP Management

Compatible with ecCLOUD
Compatible with EWS5203 v3.50.0000 or later