Release Note

Edgecore EAP101 Release v11.6.0

Document # EAP101-v11.6.0-1236-5814adf9

Enhancement from v11.5.0-1175-b0f6e6d5

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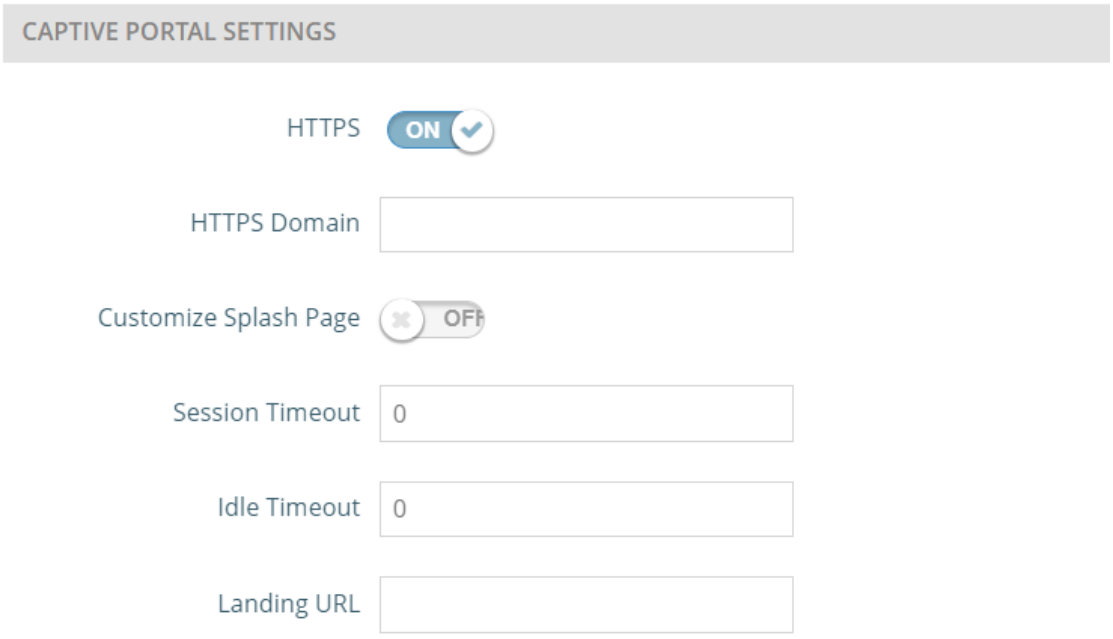
1 Feature

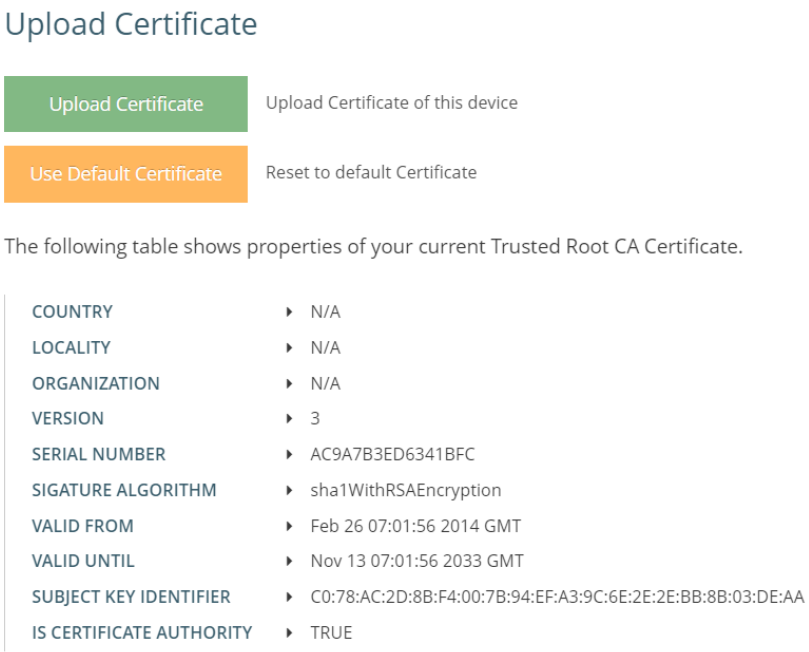
1.1 Hotspot Certificate



Support Https on the Hotspot Settings page of Network.

The following items are displayed on this page:

1. HTTPS — Enables HTTPS for the captive portal.
2. HTTPS Domain — The domain name of the HTTPS captive portal.



Support upload certificate for hotspot HTTPs certificate on the Upload certificate page of

System.

The following items are displayed on this page:

1. Upload Certificate — Click to upload a security certificate and private key from a trusted certification authority.
2. Use Default Certificate — Click to reset to use the AP’s default certificate.

2 Issue Fixed

2.1 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. This issue has been resolved in this version.

2.2 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. This issue has been resolved in this version.

2.3 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. This issue has been resolved in this version.

2.4 Limit upload and download rate can’t be enabled in client mode

Modify the mode from Access point to Client mode in the wireless radio page. Limit upload and download rate can’t be enabled successfully. This issue has been resolved in this version.

2.5 AP keeps rebooting after upgrading FW

The country of AP is set to Netherland. If upgrading FW from 11.3.1 or previous version to 11.4.0 or 11.5.0, AP will keep rebooting. This issue has been resolved in this version.

2.6 Internet source is incorrect in client mode

Modify the mode from Client mode to Access point in the wireless radio page. The Internet source is not correct in Dashboard. This issue has been resolved in this version.

2.7 The members of VLAN Settings is not correct

Create the VLAN Id in VLAN Settings page. Configure network behavior of 5 GHz to VLAN tag traffic. This 5 GHz SSID can’t be displayed in the members of VLAN Settings page. This issue has been resolved in this version.

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

There are three directions of firewall rule set from UI.

1. Destination is “Any”: Direction is from AP to outside.
2. Source is “Any”: : Direction is from outside to AP.
3. Others: Forwarding through LAN related network to WAN or WAN to LAN related network.

Two real firewall cases are described below.

1. Disable ping from the clients which is connected to hotspot SSID. Firewall drops all the ICMP packets from hotspot network to WAN.
   Target=DROP, Family=Any, Source=Hotspot Network, Protocol=ICMP, Destination=Internet
2. After clients is connected to the hotspot SSID, the UDP related test can’t be run from client side. Firewall blocks all the UDP packets from AP.
   Target=DROP, Family=Any, Source=Hotspot Network, Protocol=UDP, Destination=Any

According to the different scenarios to set the corresponding firewall rule, this is not the issue when destination of firewall rule is set to “Any”.

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 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.

4 Compatible Version for AP Management

Compatible with ecCLOUD
Compatible with EWS5203 v3.50.0000 or later