GWN Manager Firmware Release Notes

IMPORTANT UPGRADING NOTE

1. [2/26/2021] Please upgrade to 1.0.19.8 to force AP unlock the hard button factory reset. Hard button factory reset lock option was introduced in 1.0.19.2 to allow admin to lock a unit from pin hole reset. This is removed in 1.0.19.7+ version, and 1.0.19.8 will force AP to unlock. Lock AP from hard button reset is dangerous, if GWN Manager server is complete lost and no backup file is saved.

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FIRMWARE VERSION 1.1.24.23

PRODUCT NAME

GWN Manager

DATE

5/26/2023

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.1.24.23.tar.gz

  MD5 checksum: 562c7d8c1dfea3fc94266259ee1cda77

- GWN Manager firmware file name: GWN_Manager_1.1.24.23.ova

  MD5 checksum: f41834d4d6ef86d27f00bd2ef2b700b4

CHANGES/ENHANCEMENT

- (Beta) Added the unified management for model of GWN7801(P)，GWN7802(P)，GWN7803(P)
- Added the support for Device Information, Configuration, and Debug under Device menu for GWN switch models
- Added the support for GWN switches & port configurations through Global Switch Settings and Port Profiles
- Added the support for GWN switches in Topology (including wired devices hierarchy relationship)
- Added the support of GWN switches' Alert events
- Added a new feature of user role management and customizable role privilege
- Added a new feature of Organization Overview
- Added a new feature of Map for device location management
- Added a new feature of AP batch configuration
- Added a new feature of displaying Change logs' content details
- Added a new feature of transferring management permission for shared Network

- Added a new feature of restricting APIs to specific networks
- Added a new feature of batch firmware upgrade for different GWN models to recommended version
- Added a new feature of disabling AP's Ports
- Added a new feature of Limit by Authentication Type for Daily Limit of Captive Portal
- Added a new feature of Active Directory into Splash Page Logging Components
- Added a new feature of grouping top website statistic by Main Domain than URL
- Added a new feature of PPSK With Radius into SSID Security Type
- Optimized web UX(User Experience)
- Internal bug fixes.

FIRMWARE VERSION 1.1.23.36

PRODUCT NAME

GWN Manager

DATE

1/6/2023

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.1.23.36.tar.gz

  MD5 checksum: f323d0867d6a6b15c87528150cd90ead

- GWN Manager firmware file name: GWN_Manager_1.1.23.36.ova

  MD5 checksum: 80ab794a3f00647ecf98bf80aed8ea1f

CHANGES/ENHANCEMENT

- Added multi-language support for new UI.
- Internal bug fixes.

FIRMWARE VERSION 1.1.23.29

PRODUCT NAME

GWN Manager

DATE

12/28/2022

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.1.23.29.tar.gz

  MD5 checksum: c7b9b6faf66f4cb7fd9d622ab59083a9

- GWN Manager firmware file name: GWN_Manager_1.1.23.29.ova

  MD5 checksum: c6f930d2672f6ab1d63aa0d673146546

CHANGES/ENHANCEMENT

- New Dashboard design.
- New UI hierarchy.
- New Alerts design and support more alert events
- Added support of GWN Router (GWN7052 & GWN7062) unified management
- Added support of Network Topology (MESH topology is combined into Network Topology)
- Added support of Inventory feature (only to platform admin)
- Optimized MESH feature (combined Client Bridge feature), and removed Client Bridge
- Optimized clients display, integrate the old known Clients into Clients page
- Optimized SSID Security type
- Resolved some bugs

FIRMWARE VERSION 1.0.22.27

PRODUCT NAME

GWN Manager

DATE

11/15/2022

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.0.22.27.tar.gz

  MD5 checksum: bd3ce4f0ee25e5104bd359bf34b6bca5

CHANGES/ENHANCEMENT

- Added management VLAN for APs
- Added BSSID display for APs
- Added port aggregation feature only for GWN7664
- Added secondary RADIUS server for external Captive Portal
- Added more AP information to API
- Added support of GWN7624 and GWN7625 models
- Optimized Wi-Fi5 Compatible Mode for Wi-Fi6 APs
- Optimized internal RADIUS authentication for Captive Portal
- Optimized statistical charts
- Optimized vouchers
- Fixed internal bugs

FIRMWARE VERSION 1.0.22.23

PRODUCT NAME

GWN Manager

DATE

7/26/2021

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.0.22.23.tar.gz

  MD5 checksum: 648a39ecfb63e0c68af30959a3f28c69

CHANGES/ENHANCEMENT

- Added read-only platform administrators
- Added WiFi4EU URL for Splash Page
- Added feature of select AP scene for AP
- Added feature of U-APSD for AP
- Added feature of forcing to enable MFA for sub-administrator by super administrator
- Added feature of Email authentication for Captive Portal
- Added feature of post authentication rules for Captive Portal
- Added feature of auto sync time between GWN Manager and AP
- Added feature of upgrade APIs
- Optimized access list
- Added feature of service auto start after machine reboot for GWN Manager
- Added support of 15 new languages
- Internal bug fixes

LIMITATION/KNOWN ISSUE

- Network transfer from AP to GWN Manager will fail.

FIRMWARE VERSION 1.0.21.17

PRODUCT NAME

GWN Manager

DATE

12/30/2021

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.0.21.17.tar.gz

  MD5 checksum: d0acbf569887f81399c9a8aa7c842851

CHANGES/ENHANCEMENT

- Added feature of reporting **Probe request RSSI information**
- Added more options for Time&Date format in Personal Settings
- Added feature of sorting networks
- Added feature to export APs, clients, and alerts
- Added feature to display public IP address for APs list
- Added feature of **Google Authentication**
- Added feature of **WiFi4EU**
- Added feature of **SMS authentication for Captive Portal**
- Added filter for Rogue detected list
- Added DFS channels to “Auto” option of 5G Channel in Radio
- Added feature of Hotspot 2.0 R3
- Added feature of Bonjour Gateway in SSIDs
- Added support to disable 2.4G or 5G individually for AP
- Added support to sort IP address for APs and clients

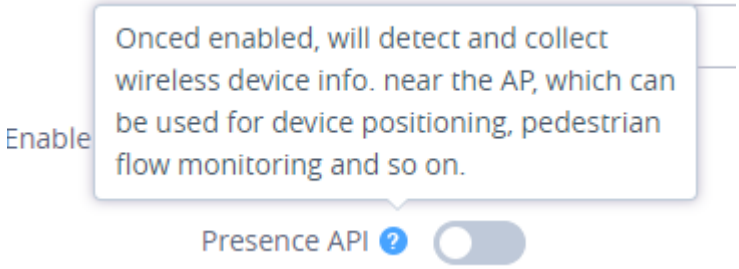
- Added support to transfer APs to GWN Manager
- Added support of GWN7660(LR) and GWN7664(LR) models
- Added support to import AP's name in csv file
- Optimized syslog server
- Internal bug fixes

NEW FEATURE OVERVIEW

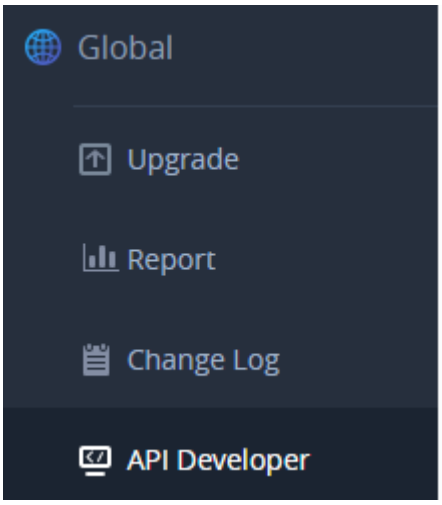
- **Probe request RSSI information**

  This information is mainly used for client geo analytics, so that further service can be provided based on client location.

  Configuration is available at Network→System→Settings→General→Presence API



  The API information is available from GWN Cloud



  Detail for this API is under API Reference→Client→7. Obtain the signal strength of the clients around the AP.

- **Google Authentication**

  Google Authentication now is added to Captive Portal. Related configuration options are available at

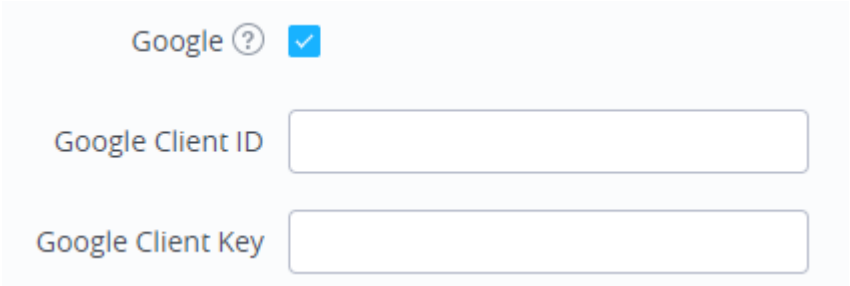
  Captive Portal→Policy List→Add/Edit→Basic

  Select Authentication Type to Social Login Authentication, and then you can select Google.

  Next, you will need to configure on Google cloud platform,

  Go to https://console.developers.google.com/apis/credentials, and setup your App.

  Retrieve you Client ID and Client Key and copy them onto your GWN.

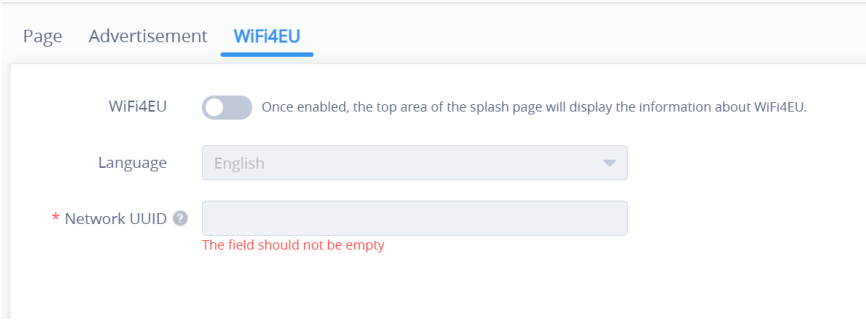


  Meanwhile configurate your Oauth redirect URI：

  'https://cwp.gwn.cloud:8443/GsUserAuth.cgi?GsUserAuthMethod=4'.

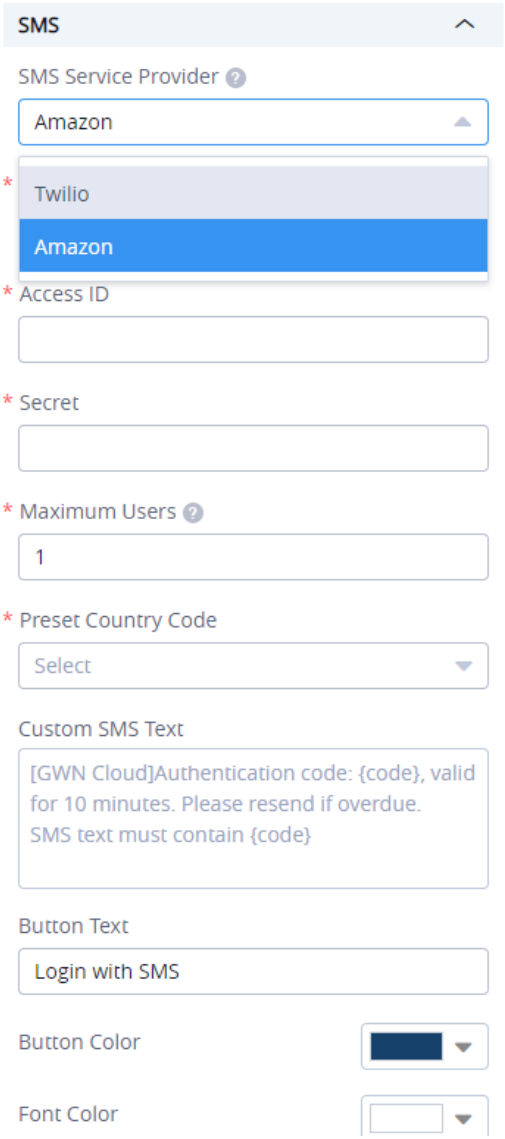
- **WiFi4EU for Captive Portal**

  Configuration is available at Network→Captive Portal→Splash Page→WiFi4EU(top bar)



- **SMS authentication for Captive Portal**

  Twilio and Amazon is supported for SMS services.



FIRMWARE VERSION 1.0.19.8

PRODUCT NAME

GWN Manager

DATE

2/26/2020

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.0.19.8.tar.gz

  MD5 checksum: 9070bbb6143eb3e18dd410b793e347fc

CHANGES/ENHANCEMENT

- Force slave AP to set factory reset via hard button to unlock.

FIRMWARE VERSION 1.0.19.7

PRODUCT NAME

GWN Manager

DATE

2/1/2020

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.0.19.7.tar.gz

  MD5 checksum: 83cef5b27efb55ac1538657ede69be30

CHANGES/ENHANCEMENT

- Added support of deleting the voucher in use.
- Added support of client name in csv file when import access list.
- Added configuration of secondary radius server for WLAN 802.1x authentication.
- Added WPA3 support in SSID setting.
- Added NET Port Type option for AP setting.
- Moved upgrade feature from Network to Global.
- Fixed internal bugs.

FIRMWARE VERSION 1.0.19.2

PRODUCT NAME

GWN Manager

DATE

10/14/2020

FIRMWARE FILE INFORMATION

- GWN Manager firmware file name: GWN_Manager-1.0.19.2.tar.gz

  MD5 checksum: 4a352c3881c5f255530c443252c2b7c3

CHANGES/ENHANCEMENT

- Added support of **Top Website** statistic graph
- Added support of **Guest Count** statistic graph
- Enhancement of data search: statistics and reports data searching limit is extended from 1 month to 3 months and 6 months.
- Added manager role: Network Administrator (Read Only)
- Added support of API
- Added support of **Access List Import in CSV**

New feature below, please refer to GWN AP release note 1.0.19.4

- Added support of Rogue AP Detection
- Added Captive Portal Enhancement
- Added support of SNMP
- Added support of Allow DHCP Option 43 to override GWN Manager Address
- Added support of NAT (GWN7610 not supported)

- Added support of Firewall
- Added support of Hotspot 2.0 Beta (GWN7610 & GWN7602 not supported)

NEW FEATURE OVERVIEW

- **Top Website**

  New summary graphic is available in both Dashboard and Network Overview page.

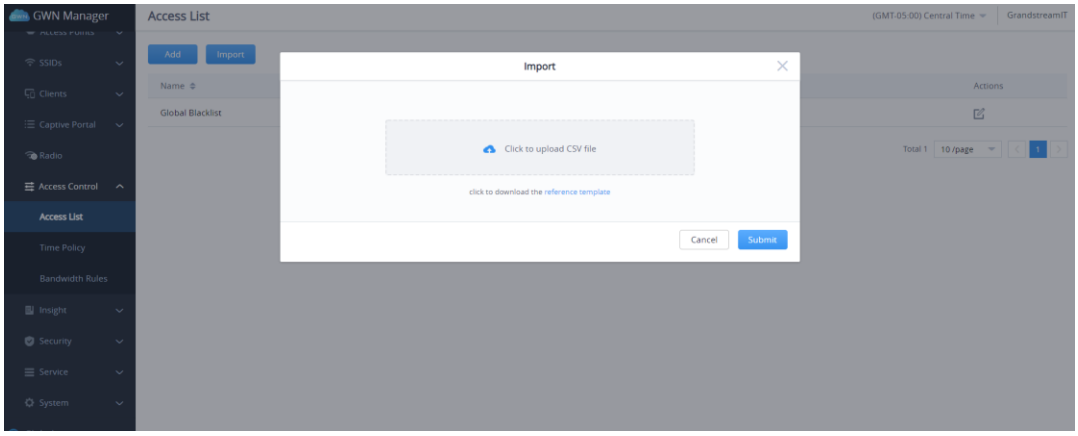
  This requires to enable URL Access Log at Network→System→Settings→URL Access Log.

- **Guest Count**

  This summary is available at Network→Captive Portal→Summary.

- **Access List Import in CSV**

  Template is available for download from the same page.



FIRMWARE VERSION 1.0.0.33

PRODUCT NAME

GWN Manager

DATE

5/22/2020

IMPORTANT UPGRADING NOTE

This is the initial official release of GWN Manager.

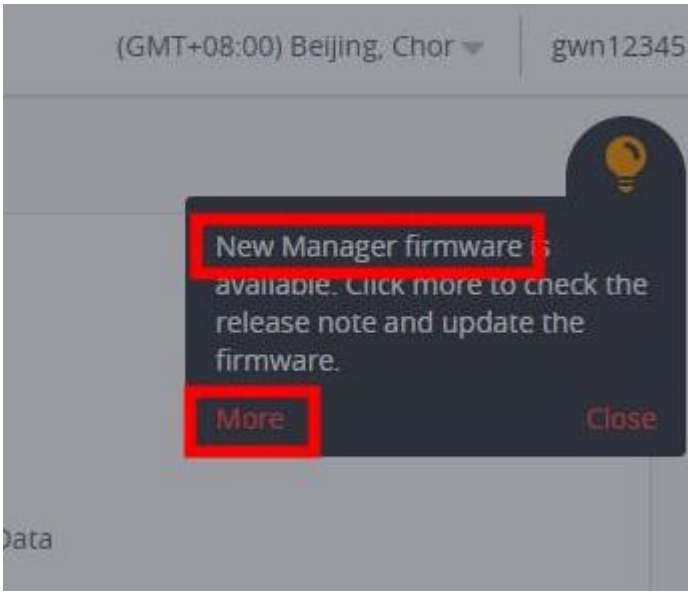
For Beta testers, you will be able to upgrade either by command line or GWN Manager webUI.

- By command line

  Please refer to GWN Manager QIG

  http://www.grandstream.com/sites/default/files/Resources/GWN_Manager_QIG.pdf

- By GWN Manager webUI

  Make sure your GWN Manager server is able to ping **admin.gwn.cloud**

  After login and refresh GWN Manager dashboard page, admin will be able to see upgrade reminder as below. Then click on “More”, and upgrade page will be popped up.