

# GWN Manager Release Notes

## IMPORTANT UPGRADING NOTE

1. **GWN Manager 1.1.28.27 requires GWN routers and switches to be the firmware on the [List](#) or later**

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# FIRMWARE VERSION 1.1.37.8

## PRODUCT NAME

GWN Manager

## DATE

5/29/2026

## FIRMWARE FILE INFORMATION

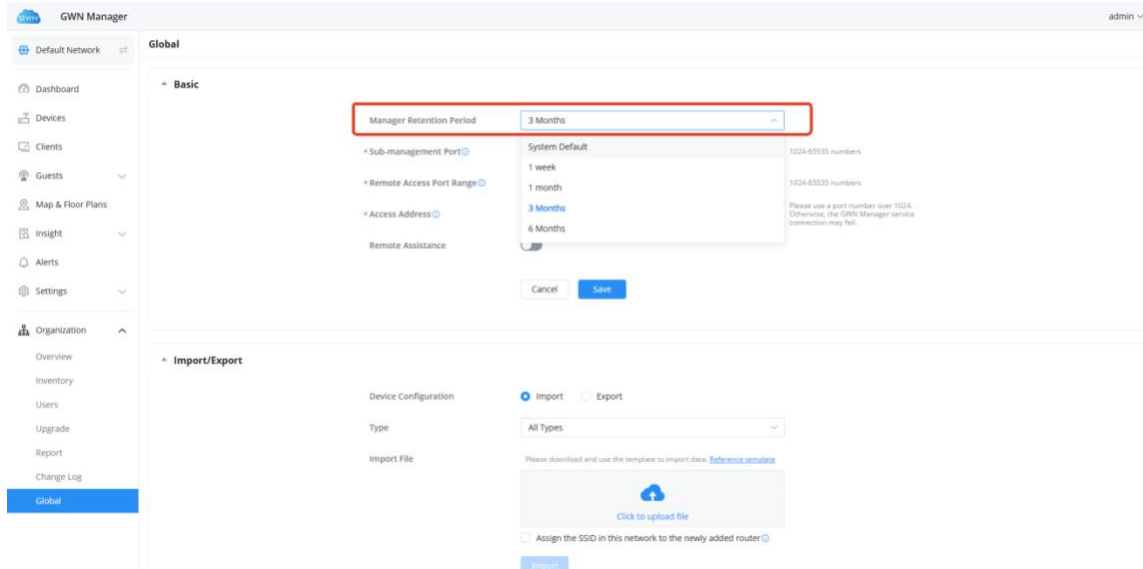
- File Name: GWN\_Manager-1.1.37.8-AlmaLinux9.tar.gz  
MD5 checksum: 32bb33e8efcc7543da52d0f59bba6805
- File Name: GWN\_Manager-1.1.37.8-Ubuntu.tar.gz  
MD5 checksum: dda042d01445e77fe623fe3b1e761173
- File Name: GWN\_Manager\_1.1.37.8\_AlmaLinux9.ova  
MD5 checksum: 0bc195261193350cc4184bababefdf97
- File Name: GWN\_Manager\_1.1.37.8\_Ubuntu.ova  
MD5 checksum: 284015495bceef3dcac8dd81fdc5c982

## CHANGES/ENHANCEMENT

- Added support for wireless bridge configuration and status management
- Export for RF planning reports based on floor plans
- Added SSID for Multi-VLAN support
- Added set reset passphrase cycle for SSID and set default SSID Name based on the organization
- Added client list now displays the 802.1X identity
- Added support for client batch configuration
- Added client offline alarms and bandwidth usage alerts
- Voucher now supports template and QR code configuration
- Added the static IP binding function menu to manage client IP bindings in a unified manner
- The PPSK quantity limit is optimized to be based on the device model
- Added support for retention period management
- Support for sending URL access logs to external servers
- Cloning now supports WAN, VPN, and device groups
- Added the user administrator role to manage ITSP users
- Support for wireless router mesh management
- WireGuard auto peer supports Allowed IP and DNS server settings
- Support for router QoS configuration (select models only)
- Support for WAN access control settings (select models only)
- Support for FXS port configuration (select models only)
- Optimized WAN health, increased WAN short-term offline display, and customized thresholds
- Fixed the issue where a switch reporting a large number of clients, caused the web response to time out
- Fixed the issue of abnormal display of client history connection records
- Internal bug fixes.

## NEW FEATURE OVERVIEW

- Support for wireless bridge configuration and status management
- Manager Retention Period support



The screenshot displays the GWN Manager web interface. The top navigation bar shows "GWN Manager" and a user profile "admin". The left sidebar contains a menu with items: Default Network, Dashboard, Devices, Clients, Guests, Map & Floor Plans, Insight, Alerts, Settings, Organization, Overview, Inventory, Users, Upgrade, Report, Change Log, and Global (highlighted). The main content area is titled "Global" and is divided into two sections: "Basic" and "Import/Export".

In the "Basic" section, the "Manager Retention Period" dropdown menu is highlighted with a red box. The dropdown is open, showing options: "System Default", "1 week", "1 month", "3 Months", and "6 Months". The "3 Months" option is selected. To the right of the dropdown, there is a note: "1024-65535 numbers" and "Please use a port number over 1024. Otherwise, the GWN Manager service connection may fail." Below the dropdown are "Cancel" and "Save" buttons.

The "Import/Export" section includes "Device Configuration" with radio buttons for "Import" (selected) and "Export". Below this is a "Type" dropdown menu set to "All Types". The "Import File" section contains a link to "Please download and use the template to import data. [Reference template](#)". There is a "Click to upload file" button with a cloud icon. At the bottom, there is a checkbox for "Assign the SSID in this network to the newly added router" and a "Import" button.

# FIRMWARE VERSION 1.1.35.10

## PRODUCT NAME

GWN Manager

## DATE

12/15/2025

## FIRMWARE FILE INFORMATION

- File Name: GWN\_Manager-1.1.35.10-AlmaLinux9.tar.gz  
MD5 checksum: 6eb5ec6a7b0b1740f02f4a9e79299ef2
- File Name: GWN\_Manager-1.1.35.10-Ubuntu.tar.gz  
MD5 checksum: c024088b92e72af047221cbaa64cbe99
- File Name: GWN\_Manager\_1.1.35.10\_AlmaLinux9.ova  
MD5 checksum: 90390dd52d680a80f9416e8aa9291336
- File Name: GWN\_Manager\_1.1.35.10\_Ubuntu.ova  
MD5 checksum: 08dda0b978db98d19ed3a2162d343c10

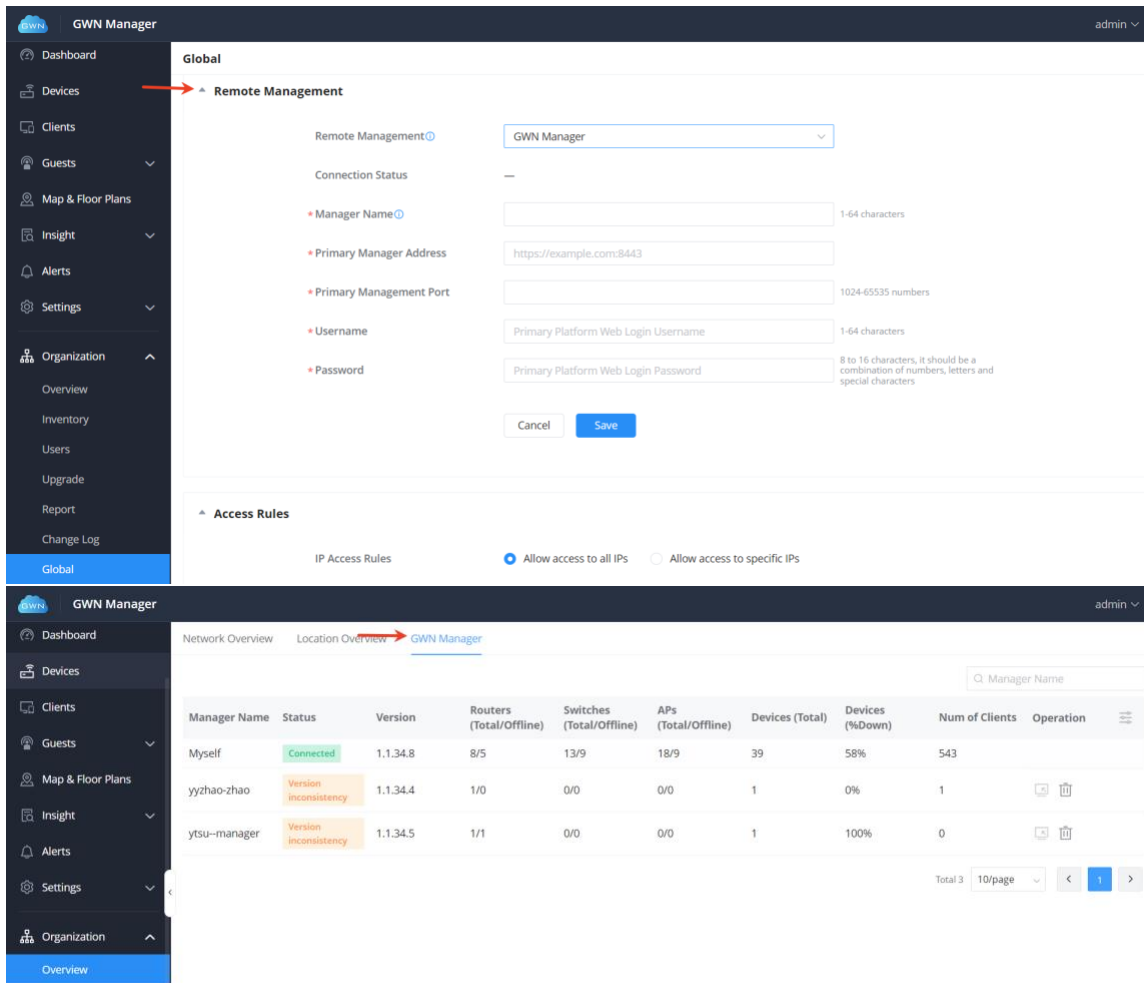
## CHANGES/ENHANCEMENT

- Added support for additional GWN device models.
- Improved GWN Manager performance and increased device/client management capacity.
- Managers can now manage multiple Sub-Managers under them.
- Added multi-organization management support and improved organization hierarchy viewing, permission assignment, and organization transferring.
- Added support for Importing/Exporting devices and configurations.
- Added support for Remote access to device web interfaces.
- AP configuration files can now be directly edited.
- Locked/Blocked filter has been added to client list.
- Inventory can now display devices on shared networks.
- Added support for duplicate SSID names.
- Added support for adding SSID via QR code on mobile.
- Added support to upload Custom splash page.
- Splash Page now supports SAML SSO authentication.
- Added Custom Login Page and Skip Login Page options to the custom field of the Captive Portal Page.
- Portal policies now support All Destination option and email service pre-authentication rules.
- Added support for WAN traffic statistics report.
- LAN now supports router captive portal.
- Added support for custom speed test servers and speed test reports.
- Added support for device Online time statistics reports.
- Added support for push alerts to 3rd platforms including WhatsApp, Telegram, Wave, and custom webhooks.
- Ported over relevant GDMS Networking features.
- Added Access Rules configuration for improved security.

- API now supports retrieving network overview information, alert information, WAN configuration, and URL access logs.
- Fixed an issue where Voice VLAN configuration would not take effect
- Internal bug fixes





## NEW FEATURE OVERVIEW

- Primary Manager and Sub-Manager support
  - Introduces a multi-tier management architecture that allows a Primary Manager to supervise and coordinate multiple Sub-Managers. The feature can be found under Organization > Global > Remote Management.

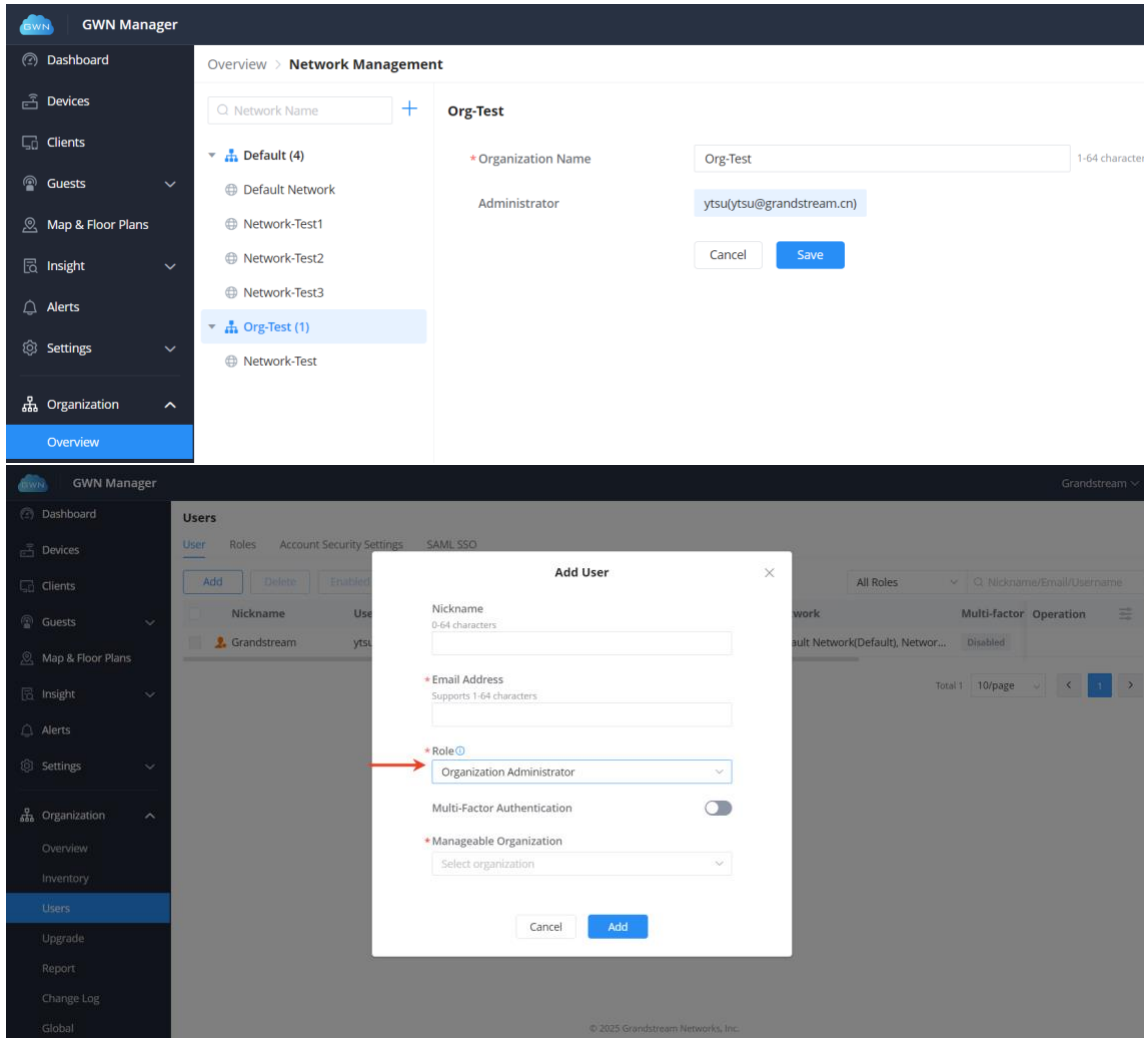


The screenshot displays the GWN Manager web interface. The top section shows the 'Global' settings for 'Remote Management'. A red arrow points to the 'Remote Management' dropdown menu, which is currently set to 'GWN Manager'. Below this, there are input fields for 'Manager Name', 'Primary Manager Address', 'Primary Management Port', 'Username', and 'Password', each with a character count. A 'Save' button is visible at the bottom of the form.

The bottom section shows the 'Network Overview' table, which lists various managers and their associated devices. A red arrow points to the 'GWN Manager' link in the navigation bar. The table includes columns for Manager Name, Status, Version, Routers (Total/Offline), Switches (Total/Offline), APs (Total/Offline), Devices (Total), Devices (%Down), and Num of Clients. The table shows three entries: 'Myself' (Connected, 1.1.34.8), 'yyzhao-zhao' (Version inconsistency, 1.1.34.4), and 'ytsu-manager' (Version inconsistency, 1.1.34.5). A pagination bar at the bottom indicates 'Total 3' and '10/page'.

Manager Name	Status	Version	Routers (Total/Offline)	Switches (Total/Offline)	APs (Total/Offline)	Devices (Total)	Devices (%Down)	Num of Clients	Operation
Myself	Connected	1.1.34.8	8/5	13/9	18/9	39	58%	543	
yyzhao-zhao	Version inconsistency	1.1.34.4	1/0	0/0	0/0	1	0%	1	 
ytsu-manager	Version inconsistency	1.1.34.5	1/1	0/0	0/0	1	100%	0	 

- Multi-organization management support with improved organization hierarchy viewing, permission assignment, and organization transferring support.
  - This feature makes it easier to delegate access, manage shared resources, and maintain clear administrative boundaries for service providers or the server hosts.




- Importing/Exporting supported devices and configurations
  - Provides the ability to bulk import and export devices and configuration files to reduce the tedious work of adding device by device.

▲ **Import/Export**

Batch Operation  Import  Export

Type

Import File [Reference template](#)

  
 Click to upload file

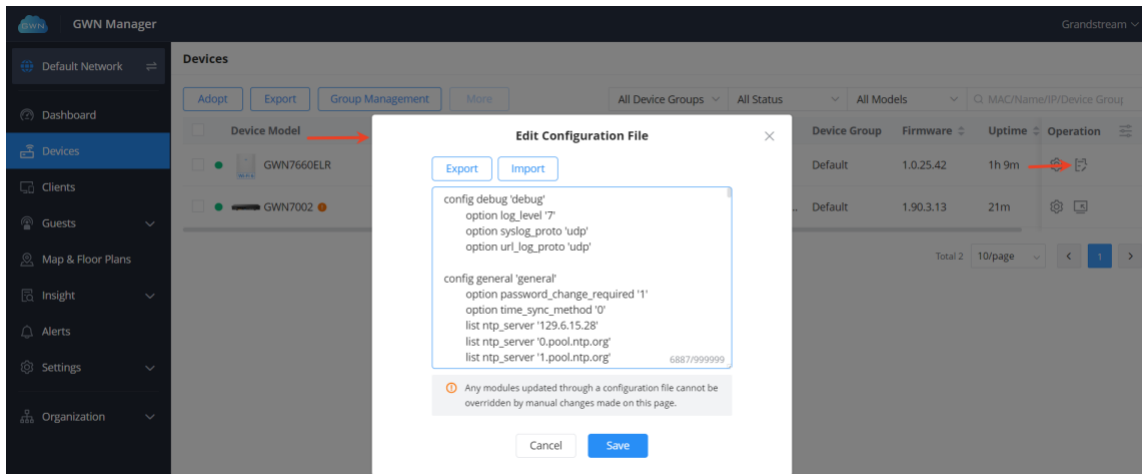
Assign the SSID in this network to the newly added router

- Remote access
  - Enables secure remote access to device WebUI interfaces directly from GWN Manager.

**Devices**

Device Model	Name	MAC	IP Address	IPv6 Address	Device Group	Firmware	Uptime	Operation
<input type="checkbox"/>	GWN7002	C0:74:AD:BF:B1:D8	192.168.12.1	fe80::c274:adff:febf...	Default	0.90.3.21	7d 18h 10m	

- Direct AP configuration file editing
  - Allows configuration files of the APs to be edited directly from GWN Manager.


**Devices > Group Management > Add New Device Group**

Only applies to the switches added the first time.

Port Settings

Port  Port Profile  Trust DHCP Snooping

CLI Command

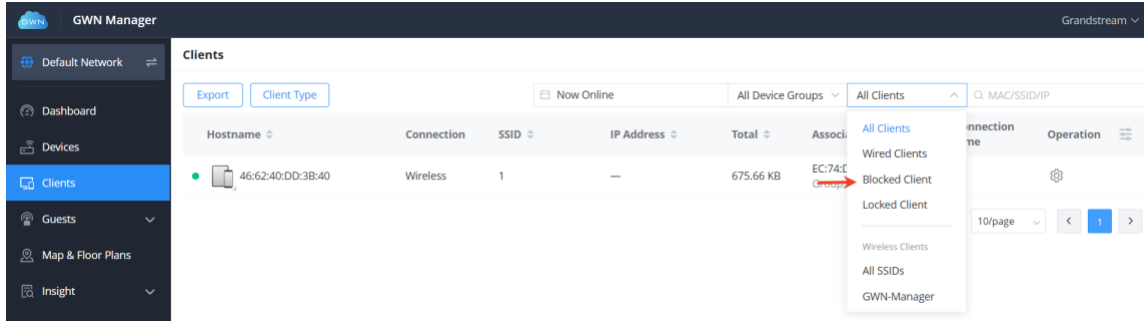
Enter the CLI commands here, separate by Enter. Please use English and characters only, and use the # key for comment line by default.

**AP Settings**

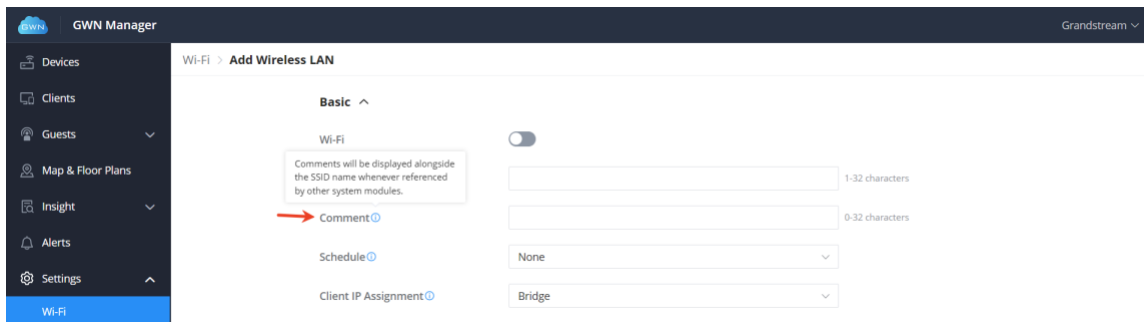
Config Info

Any modules updated through a configuration file cannot be overridden by manual changes made on this page.

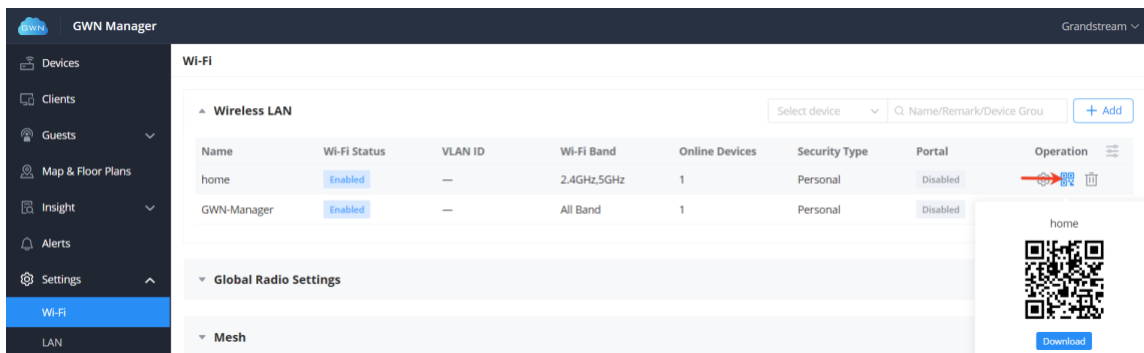
- Locked/Blocked filter added to clients list page
  - Adds the filter option to quickly identify clients that have been locked or blocked.



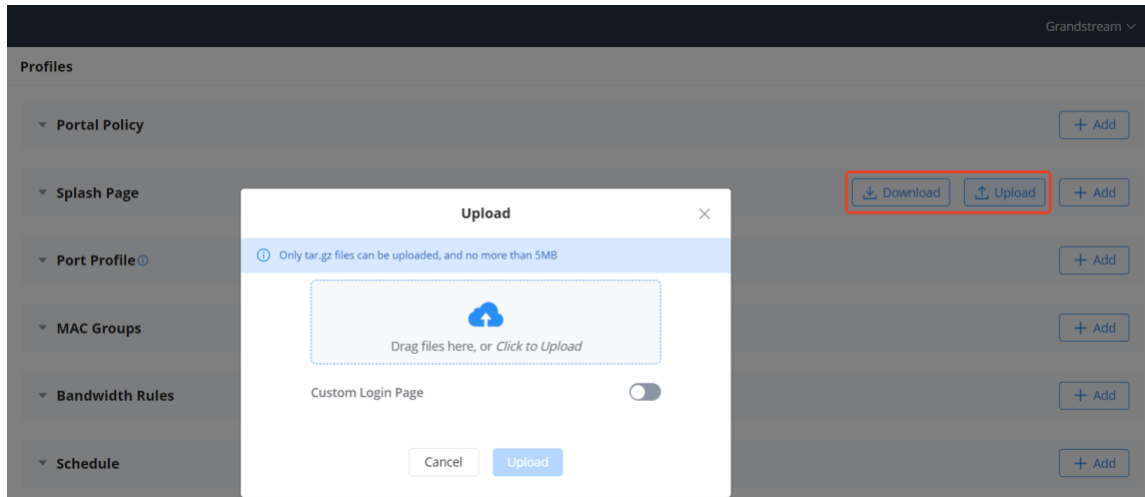
- Support for duplicate SSID names
  - Allows multiple SSIDs to share the same name across different networks or locations.



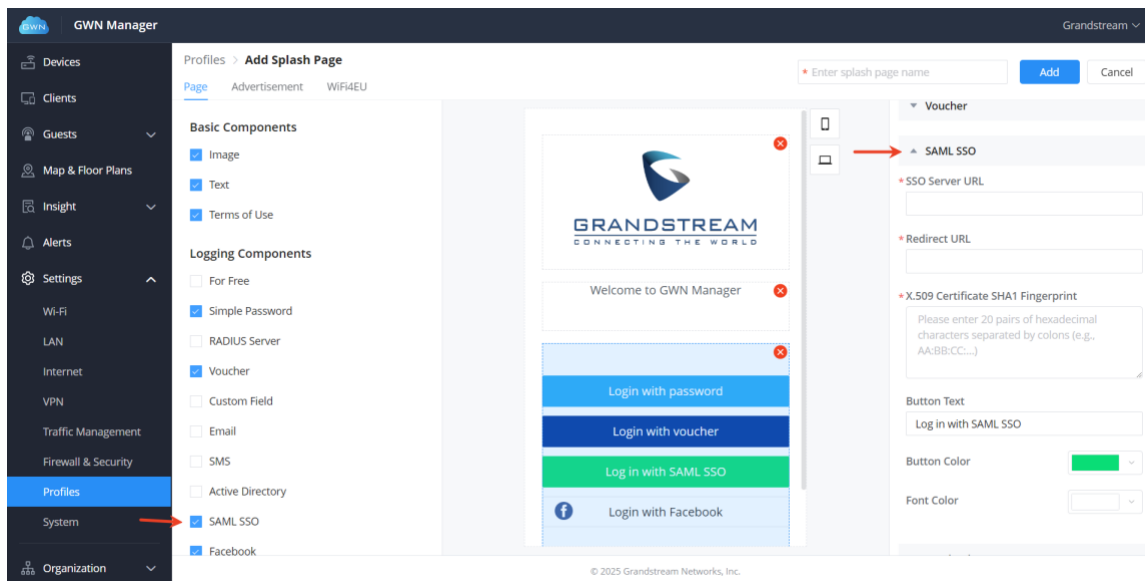
- Adding SSIDs via QR code
  - Introduces mobile-based QR code support for adding SSID.



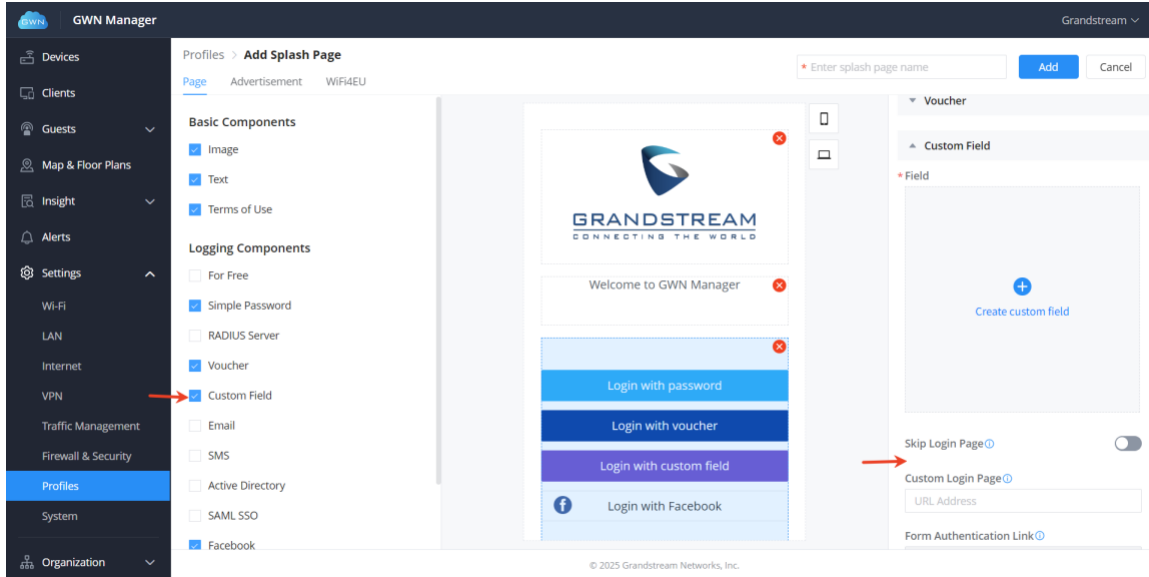
- Custom splash page file upload
  - Adds support for uploading fully customized splash page, allowing users to implement their own login pages, marketing designs, or etc.



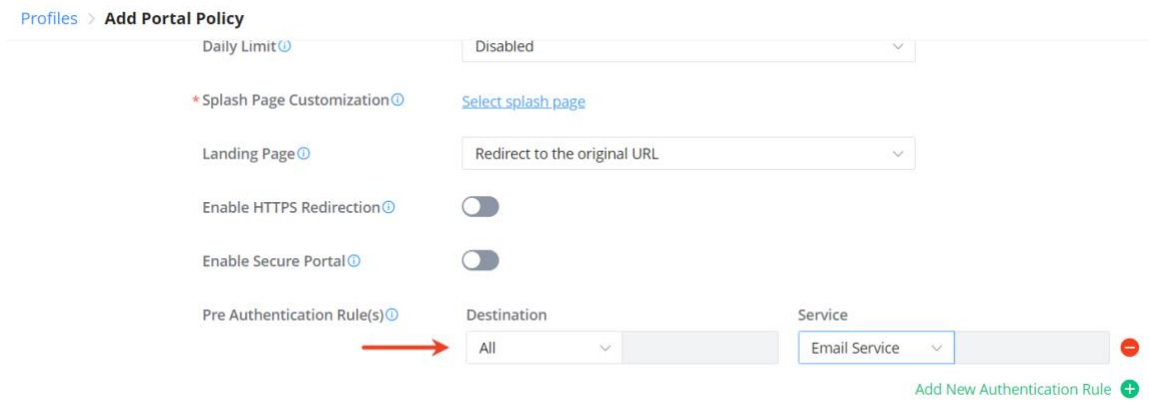
- Splash Page now supports SAML SSO authentication



- Captive Portal page now supports Custom Login Page and Skip Login Page options in the custom field
  - Adding new options in the custom fields to allow users to define a custom login page layout or enable “Skip Login”.



- Portal policies now support All Destination option and email service pre-authentication rules.



- WAN traffic statistics report for the device
  - This allows admins to better understanding their network performance at the device level.

Report > **Create Report**

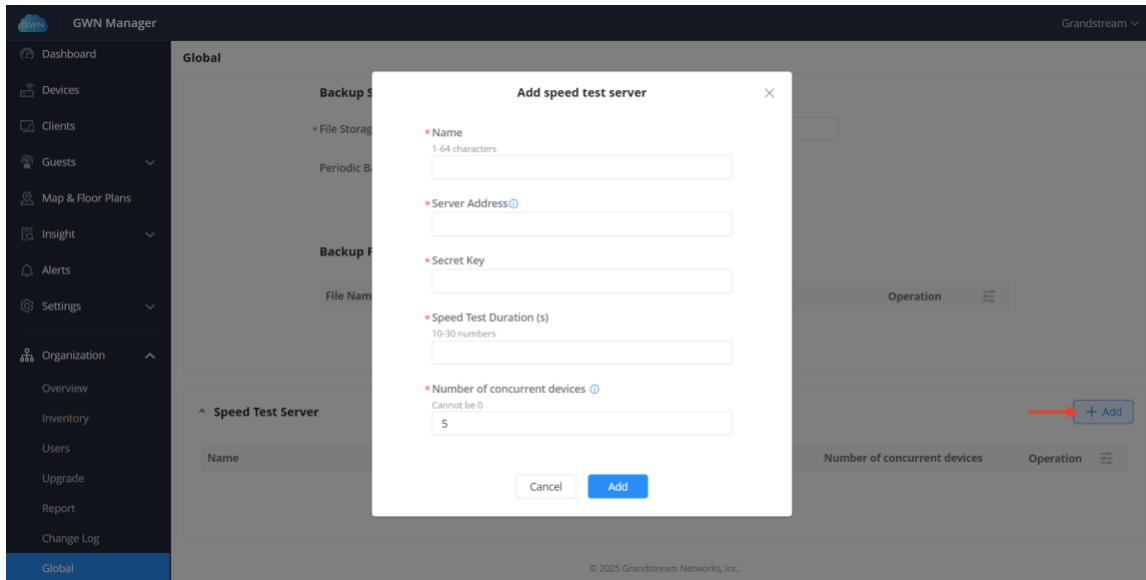
* Network	<input type="text" value="All"/>	
* Report Contents	<input type="checkbox"/> Clients Count <input type="checkbox"/> Bandwidth Usage <input type="checkbox"/> Client Statistics <small>(Client Manufacturer, Client OS, New Clients, Return Clients, Average Duration)</small> <input type="checkbox"/> Guest Statistics <small>(Guest sessions and guest authentication sessions)</small> <input type="checkbox"/> Top Devices <input type="text" value="Top 5"/> <input type="checkbox"/> Top Clients <input type="text" value="Top 5"/> <input type="checkbox"/> Top SSIDs <input type="text" value="Top 5"/> <input type="checkbox"/> Top Websites <input type="text" value="Top 5"/> <input checked="" type="checkbox"/> WAN Bandwidth Usage Statistics <input type="button" value="Select device"/> <input type="checkbox"/> Online Time Statistics <input type="button" value="Select device"/>	

- LAN captive portal
  - Extends captive portal functionality to LAN network.

 LAN > **Add LAN**

* LAN Name	<input type="text"/>	1-64 characters
* VLAN ID	<input type="text"/>	2-4094 numbers
VLAN-Only Network	<input type="checkbox"/>	
* Gateway	<input type="text" value="GWN7002(C0:74:AD:BF:B1:D8)"/>	
→ Enable Captive Portal	<input checked="" type="checkbox"/>	
* Captive Portal Policy	<input type="text" value="Select"/>	

- Support for 3<sup>rd</sup> party speed test servers and speed test reports.



Report > **Create Report**

\* Title  The value ranges from 1 to 64 bits. \$&#: '|"/- <->() is not supported

Type  Statistical Report  **Speed Test Report**

\* Server

\* Organization

\* Network

Speed Test Device(s)

Report Frequency

Speed Test Start Time

- Device Online time statistics reports

Report > **Create Report**

\* Organization

\* Network

\* Report Contents

Clients Count

Bandwidth Usage

Client Statistics  
(Client Manufacturer, Client OS, New Clients, Return Clients, Average Duration)

Guest Statistics  
(Guest sessions and guest authentication sessions)


Top Devices

Top Clients

Top SSIDs

Top Websites

WAN Bandwidth Usage Statistics

  Online Time Statistics

- Push alert support for WhatsApp, Telegram, Wave, and custom webhooks
  - Expands the alert pushing function to 3<sup>rd</sup> party platforms.

 Alerts > **Alert Notification**

ⓘ Each account can independently set alerts they want to receive and the email address to receive them.

Email Address

3rd-Party Platforms ⓘ

\* Telephone ID

\* Token  1-256 characters

\* Telephone Number  1-512 characters

1-512 characters

- Improve GWN Manager security with *Access Rules*
  - Introduces Access Rules to improve network Security.

**Global****^ Access Rules**

IP Access Rules

 Allow access to all IPs  Allow access to specific IPs 

ⓘ After saving, the current IP address (192.168.122.173) will be added to the allowlist by default

<input type="checkbox"/>	Updated Time ↕	IP/network segment	Remark	Operation
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ⓘ No Data

# FIRMWARE VERSION 1.1.28.27

## PRODUCT NAME

GWN Manager

## DATE

06/24/2024

## FIRMWARE FILE INFORMATION

- File Name: GWN\_Manager-1.1.28.27-AlmaLinux9.tar.gz  
MD5 checksum: 3b2e06691f6cbb5afc6c1935c0bf7da7
- File Name: GWN\_Manager-1.1.28.27-Ubuntu.tar.gz  
MD5 checksum: 7e81c7e2e46af05b9d505bd88a681873
- File Name: GWN\_Manager\_1.1.28.27\_AlmaLinux9.ova  
MD5 checksum: 9d26c8d353a4397eab16a96b91ef0389
- File Name: GWN\_Manager\_1.1.28.27\_Ubuntu.ova  
MD5 checksum: 0bcc2201e4128a75eabf2b820052746a

## CHANGES/ENHANCEMENT

- Added the security enhancement by Verifying Device Password when add a switch or router. **(Please note that the device must upgrade to latest version as well, or it cannot be paired by GWN Manager)**
- Added support of GCC601X SMB UC/Networking Convergence Solutions
- Added the ability to update AP info in real time when enter AP detailed page
- Added the ability to customize MAC for client isolation in wireless LAN
- Added a new feature of OS Filter in wireless LAN
- Optimized the algorithm the root node selection in network topology
- Internal bug fixes

## NEW FEATURE OVERVIEW

- Verifying Device Password
  - When taking over the devices, you will need to enter the device password.
  - These are the minimum supported firmware for each device
    - i. GWN780x 1.0.5.52 Beta
    - ii. GWN7052/7052F/7062 1.0.9.42 Beta
    - iii. GWN7001/7002/7003 1.0.5.35 Beta
    - iv. GWN781X/GWN783X 1.0.7.64 Beta
  - If you do not use the matching firmware:
    - i. New GWN Manager/Old Firmware Devices: After upgrading the manager to the

newer version, all the devices with older firmware that were already adopted by GWN Manager will still be in working order, but if you try to add new devices with old firmware, it will prompt that the version is too old and needs to be upgraded first.

- ii. Old GWN Manager/New Firmware Devices: After the device has been taken over by GWN Manager and upgraded, there will be no effect on the use even if GWN Manager has not been upgraded. If you add a new device with new firmware onto GWN Manager, it should be added successfully. However, it will not be manageable and the device will not consider itself as being managed. So if you upgrade GWN Manager to 1.1.28.27, the device will need to enter their password in order to complete the takeover process.

## FIRMWARE VERSION 1.1.28.10

### PRODUCT NAME

GWN Manager

### DATE

03/02/2024

### FIRMWARE FILE INFORMATION

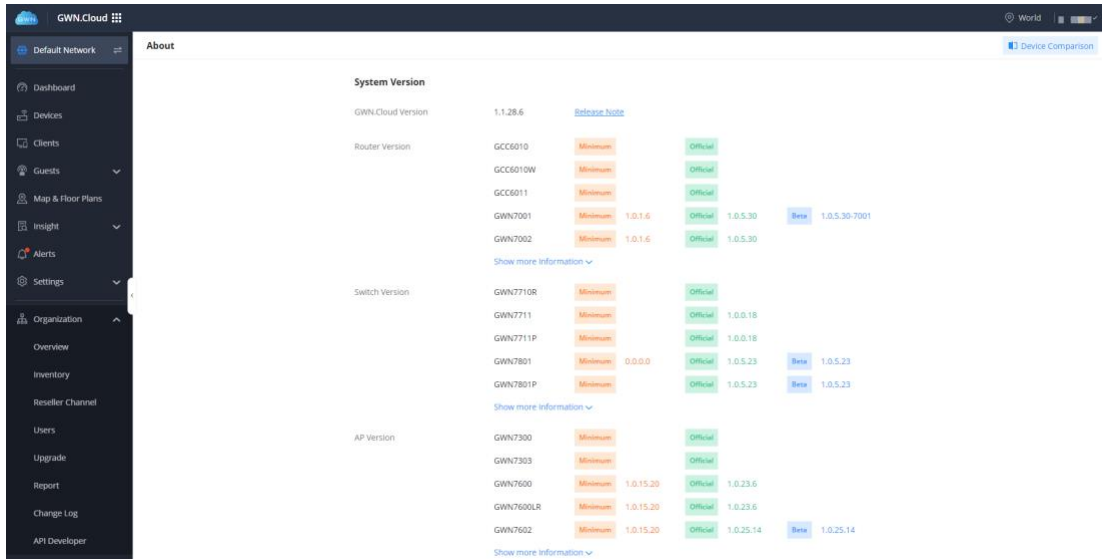
- File Name: GWN\_Manager-1.1.28.10-AlmaLinux9.tar.gz  
MD5 checksum: 4b5810e7fee80fed06346fbba2ccd07c
- File Name: GWN\_Manager-1.1.28.10-Ubuntu.tar.gz  
MD5 checksum: 03f39dc4df2b02dd5c766212a85b2f9f
- File Name: GWN\_Manager\_1.1.28.10\_AlmaLinux9.ova  
MD5 checksum: 6dea3223059f554bf554cebda723f4cf
- File Name: GWN\_Manager\_1.1.28.10\_Ubuntu.ova  
MD5 checksum: 2860275dec4f50474b64c30c0cb26321

### CHANGES/ENHANCEMENT

- Supports link speed display for Aps on the device list
- Supports cloning the LAN and wired firewall configuration
- Added Beta firmware display and supports upgrading to Beta
- Optimize client list Sorting
- Supports Local WAN Configuration Synchronization
- Added Phone Number length Settings for the authentication of Splash Page
- Optimized Feedback entry
- Added PPSK configuration, inventory information acquiring, and switch port information acquiring for API
- Added GWN Manager Upgrade support
- Added "Do not show again: Check" Log for firmware update on the change log.
- Internal bug fixes

### NEW FEATURE OVERVIEW

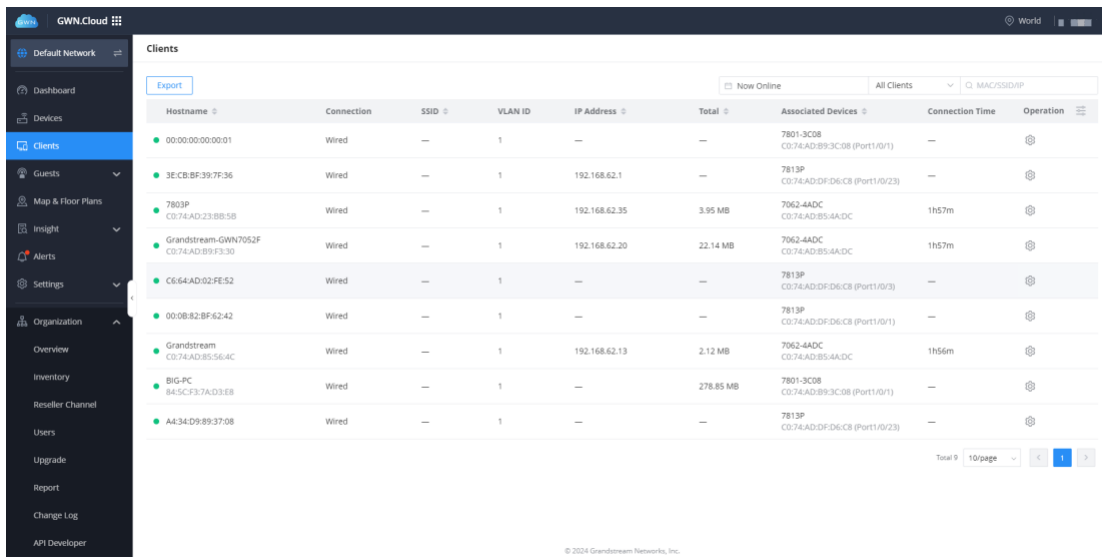
- Beta Display
  - Added Beta display in the About page.



- Support upgrading to Beta from the upgrade page.

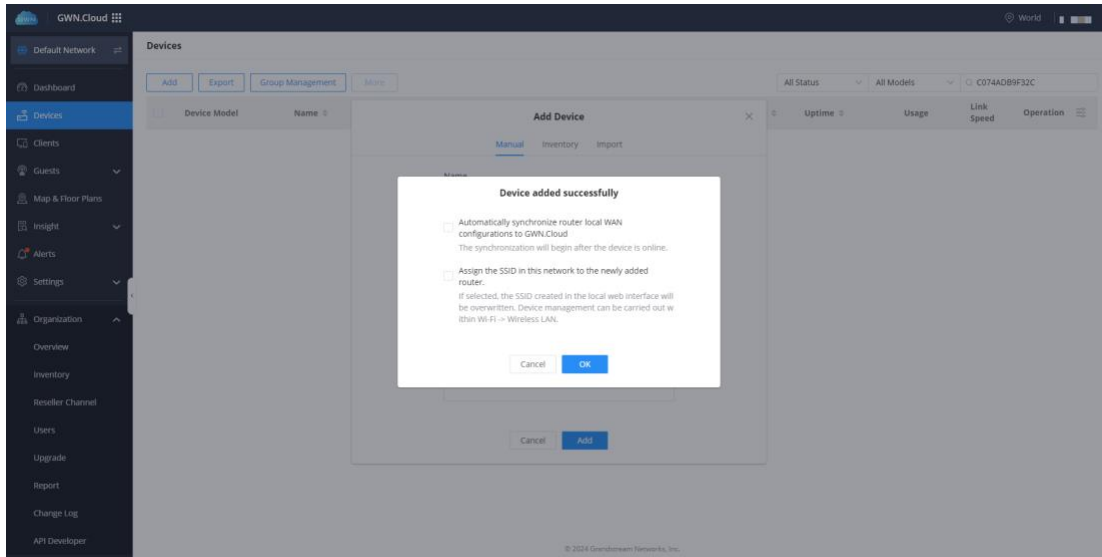
- **Optimized Sorting**

- Support SSID, Hostname, and Associated device sorting on the client page.

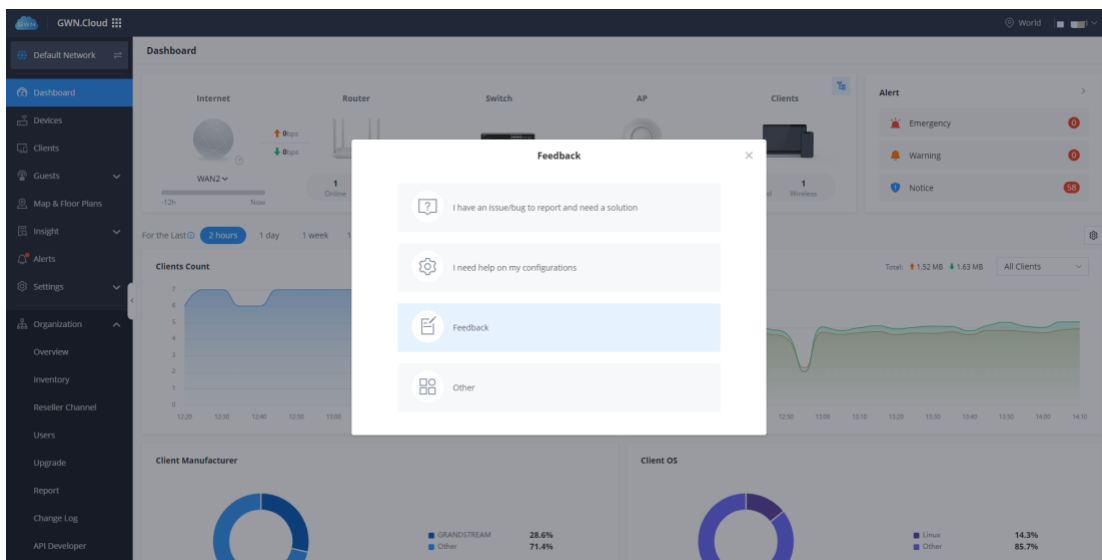


- **Local WAN Configuration Synchronization**

- Supports synchronizing from the local WAN configuration of the added router



- **Optimized Feedback**
  - Now offers four feedback options aimed at enhancing issue resolution efficiency and minimizing response times.



- **GWN Manager Upgrade**
  - Now users can upgrade GWN manager from the WebUI.

**GWN Manager** admin

**Upgrade**

Devices Upgrade | **Manager Upgrade** | Upgrade History

[Upgrade](#) | Upgrade Reminder

Service	Version	Latest Firmware	Scheduling
GWN Manager	1.1.28.6	1.1.26.11	No

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# FIRMWARE VERSION 1.1.26.11

## PRODUCT NAME

GWN Manager

## DATE

11/16/2023

## FIRMWARE FILE INFORMATION

- File Name: GWN\_Manager-1.1.26.11-AlmaLinux9.tar.gz  
MD5 checksum: 98e75818521ad11b1bc0ace5a0db0fde
- File Name: GWN\_Manager-1.1.26.11-CentOS7.tar.gz  
MD5 checksum: ae7197034ecd017f0b0eaea407409b2a
- File Name: GWN\_Manager-1.1.26.11-Ubuntu.tar.gz  
MD5 checksum: d2cc74a1066e02c3e0de98cc76b6e310
- File Name: GWN\_Manager\_1.1.26.11\_AlmaLinux9.ova  
MD5 checksum: 270d1ff7c690e5a4a27bd54d2baf6bfb
- File Name: GWN\_Manager\_1.1.26.11\_CentOS7.ova  
MD5 checksum: 309d6e7a0a66f8064d8595273804350f
- File Name: GWN\_Manager\_1.1.26.11\_Ubuntu.ova  
MD5 checksum: e26ff25de8b80c56e5dacc9498806c29

## CHANGES/ENHANCEMENT

- Added GWN7665 support on GWN Cloud.
- Added Pre-Provisioning for Switch in device management for port Setting, port profile, and DHCP Snooping.
- Added remarks and serial number fields for device export.
- Added more default Wall Types and optimized attenuation values for Floor Plans.
- Added support for topology export.
- Added translations for heat map.
- Added MAC search field in Upgrade History.
- Added a column to display the network that the device was returned from.
- Added support for custom role users to login to GWN APP.
- Increased Password Security, added password expiration and conflict limits configuration.
- Supports hiding
- 
- Weak Heat Map signal.
- Some AP models Support 6G configuration. (Only GWN7665 at this moment)
- Removed SMTP Username/Password requirement.
- Fixed alerts not working on port profiles for GWN7806P.
- Fixed the AP search fails when the name of an AP contains the character "-".
- Fixed the configuration operations in the ChangeLog do not show more detail issue.
- Fixed GWN Cloud API network group ID displayed "network has no authority" issue.

- Internal bug fixes.

## NEW FEATURE OVERVIEW

- Pre-Provisioning
  - Added switch pre-provisioning for Port Settings, Port Profile, and Trust DHCP Snooping.

Devices > Group Management > Add New Device Group

The services of the device group will be applied to the subsequent new devices.

\* Name  1-64 characters  
 \* Parent Group   
 Device   
 Remark  0-64 characters

**Switch Pre-Provisioning**

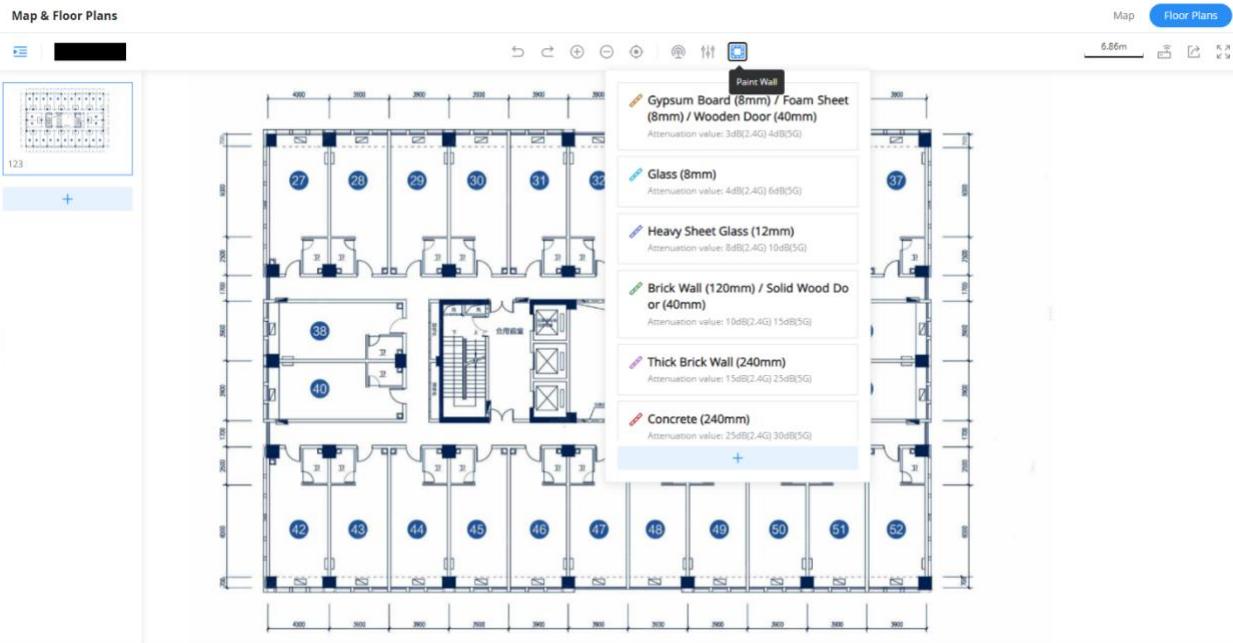
Only applies to the switches added the first time.

Port Settings  Port  Port Profile  Trust DHCP Snooping

CLI Command

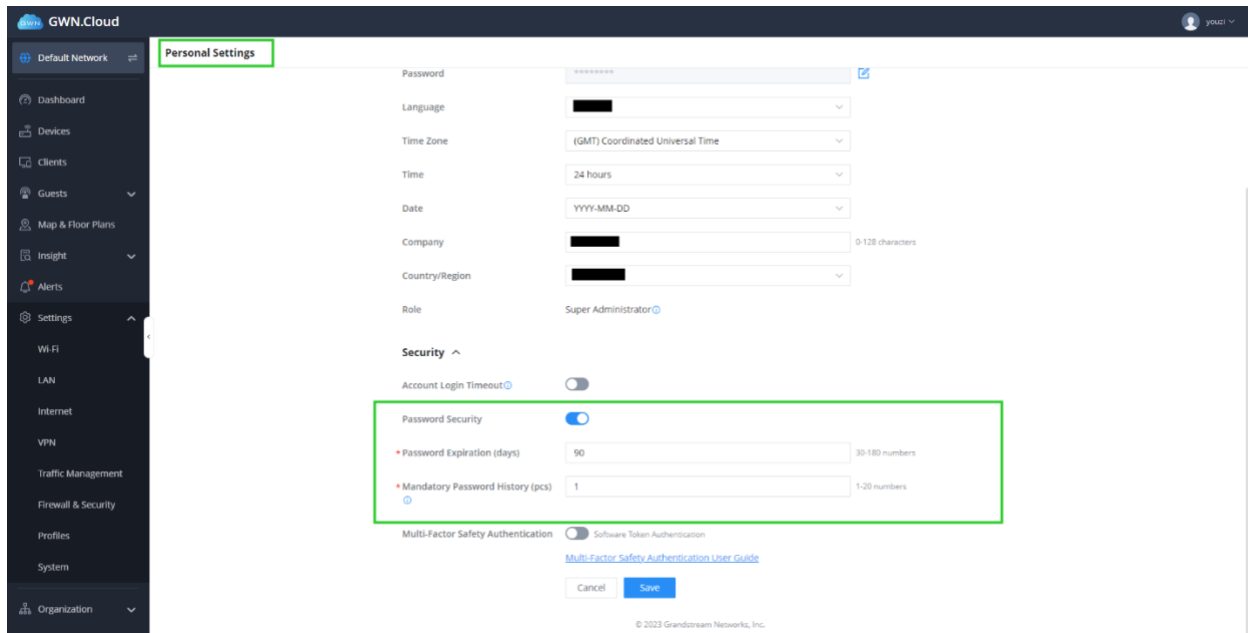
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- Wall Types
  - Added default wall type and optimized the attenuation values.

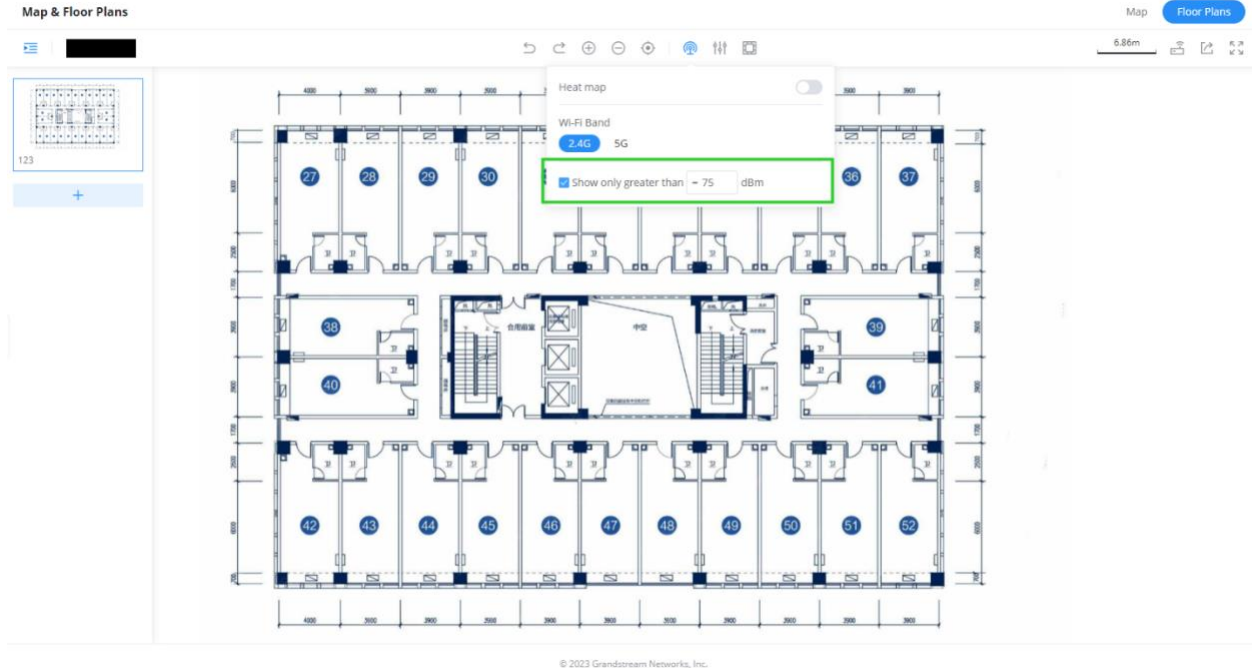


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- Password Security
  - Added password expiration days and mandatory password history.
  - Password Expiration – The days before a change of password is required.
  - Mandatory Password History – The number of new passwords needed before the old password can be reused.



- Weak Heat Map
  - Support hiding weaker heat map signals.



- Support 6G
  - Added 6G support for some of the AP models. **GWN7665 only**

Wi-Fi

Global Radio Settings

General

2.4G (802.11b/g/n/ax)

5G (802.11a/n/ac/ax)

6G (802.11ax)

Channel Width  20MHz  40MHz  80MHz  160MHz

Channel

Radio Power

Enable Short Guard Interval

Enable Minimum RSSI

Minimum RSSI (dBm)  -94 to -1 numbers

Enable Minimum Rate

Minimum Rate (Mbps)

Cancel Save

## FIRMWARE VERSION 1.1.25.23

### PRODUCT NAME

GWN Manager

### DATE

9/22/2023

### FIRMWARE FILE INFORMATION

- File Name: GWN\_Manager-1.1.25.23-AlmaLinux9.tar.gz  
MD5 checksum: 36809c16c962cb4da3a166394a59abfd
- File Name: GWN\_Manager-1.1.25.23-CentOS7.tar.gz  
MD5 checksum: e05ba47c7c3b824a8408227e4ddf47a7
- File Name: GWN\_Manager-1.1.25.23-Ubuntu.tar.gz  
MD5 checksum: 350b8f8eaba1815fa66facab0ed889fb
- File Name: GWN\_Manager\_1.1.25.23\_AlmaLinux9.ova  
MD5 checksum: 3d60a7bf85cd0fa34f98f8685ff5a6ae
- File Name: GWN\_Manager\_1.1.25.23\_CentOS7.ova  
MD5 checksum: a1748fc8ad76333e40c0d5c4165e0b95
- File Name: GWN\_Manager\_1.1.25.23\_Ubuntu.ova  
MD5 checksum: 783264f34f23856ffb8cc96e7b8a7ac6

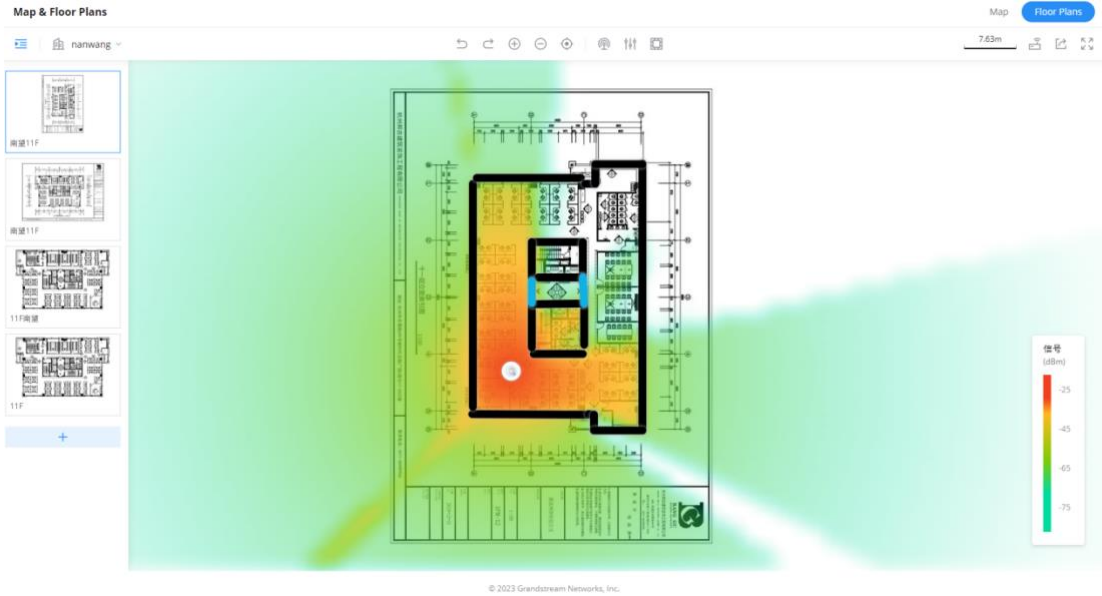
### CHANGES/ENHANCEMENT

- Added the ability to set the Primary Network for manager.
- Added the ability to retrieve Guest information with API commands.
- Added the ability to display the Wi-Fi version used in the client's information.
- Added the ability to Customize the Channel in 2.4G band.
- Added the ability to disable the Router LAN ports.
- Added the ability to Push Configuration to the device, the push method includes manual and automatic.
- Added the ability to configure the router/switch device password from GWN Manager.
- Added the ability to support batch or single configuration for the Device Password.
- Added the ability to highlight mesh devices in Network Topology.
- Added the ability to configure Port Profile for Device Group.
- Added the ability to run network Speed Test for APs
- Added Floor Plan management features, support device RF heat map preview, convenient device placement planning
- Added features of multiple VPN Tunneling methods: PPTP, IPSec, OpenVPN®, and WireGuard®
- Added an option to enable/disable the configuration preset.
- Added Wi-Fi 6 icon next to the supported APs in the Device Page.
- Added the ability to display the router's LAN IP address.
- Added a signal strength description in the client info section.
- Added the support of URL access log retention for more than 30 days and allow separate syslog server for real time URL access log feed.

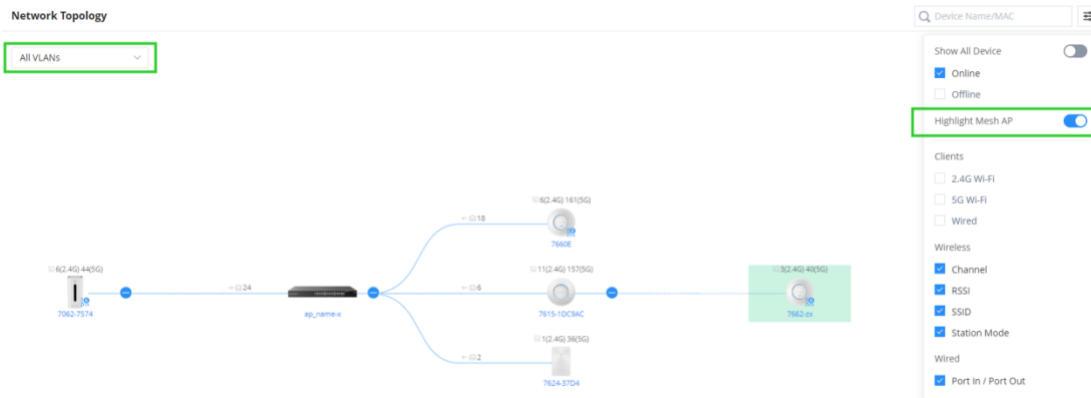
- Added the ability to download multiple reports at once.
- Added a new feature of VLAN Interface configuration for routers
- Added Device Group management, pre-set features for switches in the group, and a new way to select device group in multiple businesses.
- Added 12-hour Network Health Monitoring for WAN ports.
- Added API support for Device Name and Equipment Remarks.
- Added multi language support for GWN App.
- Added managed router Portal Policy feature
- Added device name in the syslog message.
- Added Policy Route feature
- Added Email alerts when VPN connect/disconnect.
- Added new alerts: Abnormal device time, Abnormal temperature of the optical module, and VPN related alerts.
- Added the feature to manage multiple routers at the same time on the same network.
- Added manual and automatic configuration support for IPsec (Site-to-Site).
- Added Certificate Management support.
- Included Network Name in the alert email.
- Optimized Account Security settings
- Optimized Client List, supports quick configuration of blocking functions, optimized RSSI display, and added VLAN ID column
- Optimized DHCP option settings for LAN
- Optimized portal policy, increased the max client expiration time and configured the URL pre-shared key for Aiwifi Platform.
- Fixed the “Set addLan failed (reason: Invalid IPv6 address)” issue.
- Fixed Hebrew translation.
- Fixed captive portal not loading issue.
- Fixed account status display error.
- Fixed unable to add switch issue.
- Fixed captive portal blank export issue.
- Fixed web crashing when trying to add more MAC addresses into the MAC group.
- Internal bug fixes.

## **NEW FEATURE OVERVIEW**

- Floor Plan
  - Added floor plan management features, support device RF heat map preview, convenient device placement planning



- Topology
  - Optimized topology diagram highlights the mesh display, VLAN information filtering, and the device overview information



- Device Password
    - Added the ability to support batch or single configuration for the device password
- Batch:**

## System

**General** ^

Country/Region  0-64 characters

Timezone  0-64 characters

Auto Sync Time

\* AP Login Password  8-32 characters, must include two of the following: numbers, letters and special characters

**Device Password**  8-32 characters, must include two of the following: numbers, letters and special characters

LED  0-64 characters

Reboot Schedule  0-64 characters

Enable Client Connection Event

Presence API

Automatically add to SSIDs

**URL Access Log** v

**Guest Information** v

**NAT Pool** v

**Single:**

Devices &gt; C0:74:AD:7C:75:1C(GWN 7062)

 Auto Configuration Delivery 

 Usage Info Debug Configuration

**General** ^

Device name  0-64 characters

Device Remarks  0-64 characters

**Device Password**  8-32 characters, must include two of the following: numbers, letters and special characters

LED  0-64 characters

Reboot  0-64 characters

Band Steering  0-64 characters

- Account Security
  - Optimized account login security settings

**Personal Settings**

Time Zone: (GMT+08:00) Beijing, Chongqing, Hong Kong SAR, Urumqi

Time: 24 hours

Date: YYYY-MM-DD

Company:  0 to 128 characters

Country/Region: China(中国)

Phone: +1

Address:  0 to 255 characters

Role: Initial Administrator

**Account Security** ^

Account Login Timeout

\* Idle timeout (min):  5-1440 numbers

\* Maximum Login Duration(min):  5-720 numbers

Synchronize Maximum Login Duration for Sub-Administrators

Multi-Factor Safety Authentication  Software Token Authentication

[Multi-Factor Safety Authentication User Guide](#)

- Router LAN
  - Added the ability to disable the router LAN ports.

**Port** ^

Physical Port	Port Mode	Status	Port Configuration
1	LAN	<input checked="" type="checkbox"/>	All VLANs
2	LAN	<input checked="" type="checkbox"/>	All VLANs
3	WAN	<input checked="" type="checkbox"/>	
4	LAN	<input checked="" type="checkbox"/>	All VLANs
5	LAN	<input checked="" type="checkbox"/>	All VLANs
6	LAN	<input checked="" type="checkbox"/>	All VLANs

Device Password  8-32 characters, must include two of the following: numbers, letters and special characters

- Customize the Channel
  - Added the ability to customize the channel in 2.4G band.

## 2.4G (802.11b/g/n/ax) ^

Channel Width ⓘ

20MHz  20MHz/40MHz  40MHz

Channel ⓘ

Auto ▾

Custom Channel

Ch1-2.412GHz ✕ + 2 ▴

Radio Power ⓘ

**Select All**

**Ch1-2.412GHz** ✓

Ch2-2.417GHz

Ch3-2.422GHz

Ch4-2.427GHz

Ch5-2.432GHz

**Ch6-2.437GHz** ✓

Enable Short Guard Interval ⓘ

Allow Legacy Devices(802.11b)

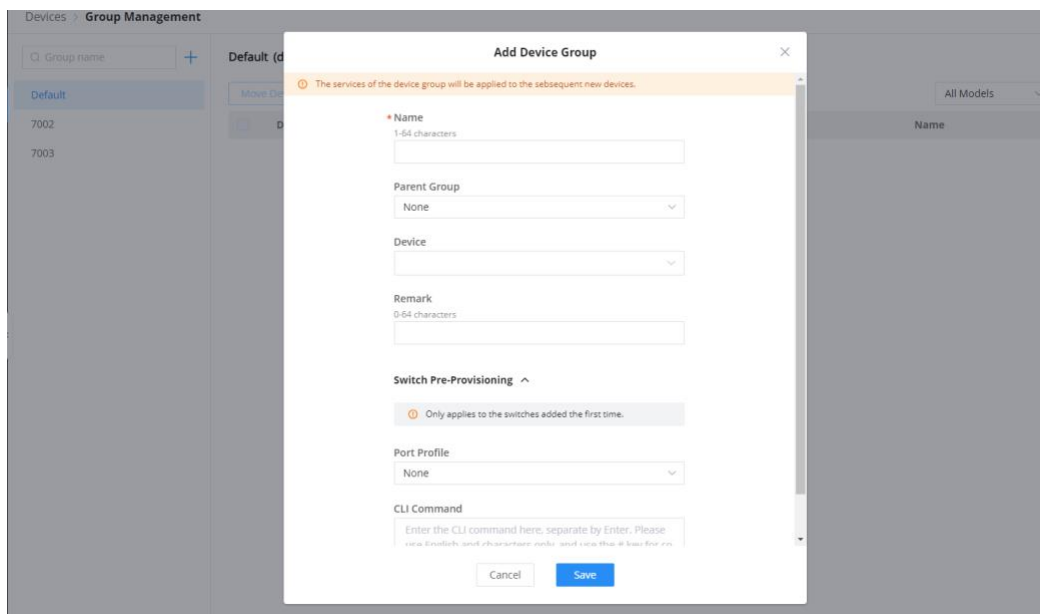
Enable Minimum RSSI ⓘ

Enable Minimum Rate ⓘ

Wi-Fi5 Compatible Mode ⓘ



- Device Group
  - Added device group management, pre-set features for switches in the group. And a new way to select device group in the multiple business



• WAN Name  1-64 characters

• Router  ^

• Physical Port

Connection Type

Static DNS

• Maximum Transmission Unit (MTU)  576-1500 numbers

WAN Port MAC Address

• Tracking IP Address 1

Tracking IP Address 2

The Router dropdown menu is expanded, showing the following options:

- Router
- GWN 7062(C0:74:AD:7C:75:1C)
- GWN 7052(3)(C0:74:AD:95:11:FC)
- GWN 7052F(C0:74:AD:B9:F0:CC)
- Device Group [ⓘ](#)
- [+ Add New Device Group](#)

- Port Profile
  - Added the ability to configure port profiles for Device Group.

## Edit Device Group



 The services of the device group will be applied to the subsequent new devices.

**\* Name**


1-64 characters

**Parent Group**

**Remark**

0-64 characters

**Switch Pre-Provisioning** ^

 Only applies to the switches added the first time.

**Port Profile**

**CLI Command**

Enter the CLI commands here, separate by Enter. Please use English and characters only, and use the # key for comment line by default.

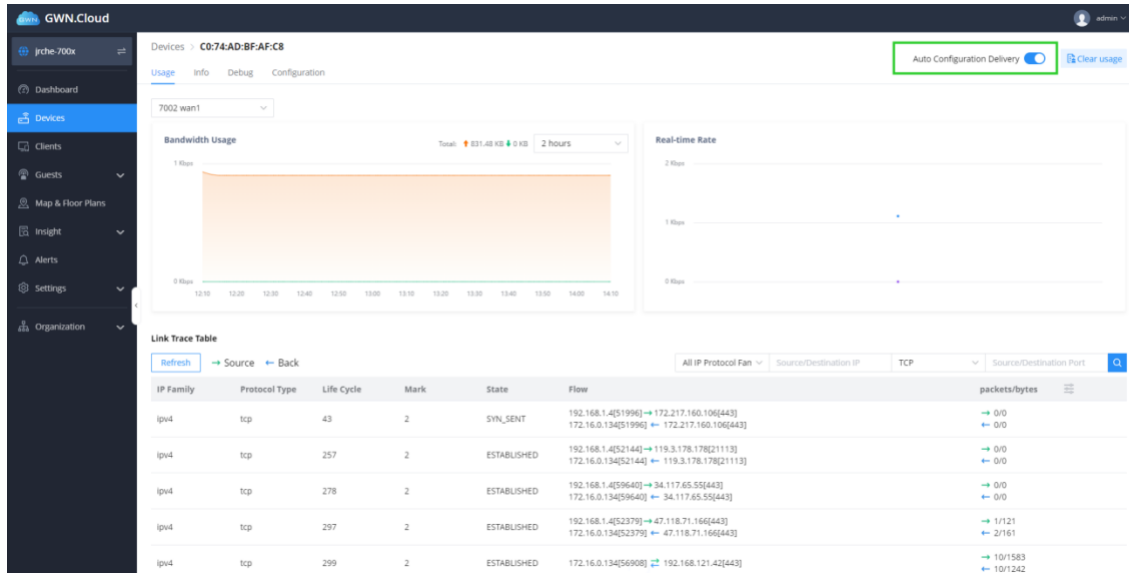


- Push Configuration
    - Added the feature of pushing configuration to the local side of the device, and the push method includes manual and automatic
- Manual:**

**Devices**

[Add](#)
[Export](#)
[Group Management](#)
[More](#)

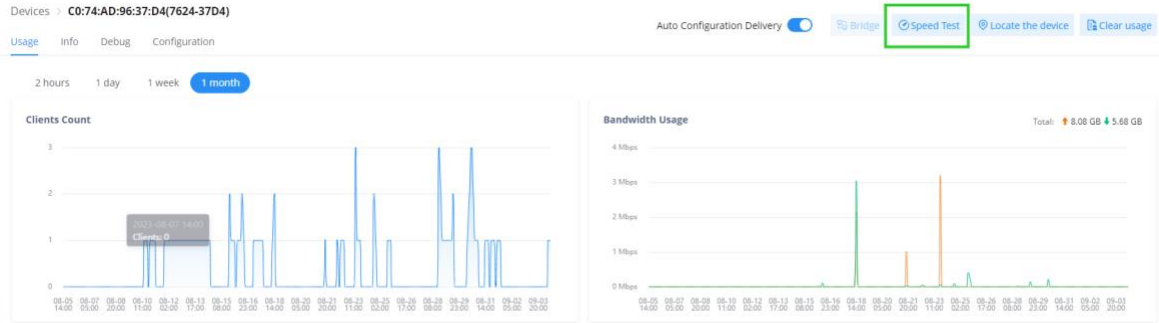
Device Model	MAC	IP Address	IPv6 Address	Device Group	Firmware
<input type="checkbox"/> GWN7002	C0:74:AD:BF:AF:C8	192.168.8.1	fe80::c274:adff:febf:b066	7002	1.0.4.4
<input checked="" type="checkbox"/> GWN7002	C0:74:AD:BF:AF:C9	192.168.1.1	fe80::c274:adff:febf:afc9	7002	1.0.4.5
<input type="checkbox"/> GWN7003	C0:74:AD:BF:AF:CA	192.168.80.1	fe80::c274:adff:fe23:bf56	7003	1.0.4.5

**Automatic:**


The screenshot shows the GWN Manager interface for device C0:74:AD:BF:AF:C8. It features a sidebar with navigation options like Dashboard, Devices, Clients, and Settings. The main content area displays a 'Bandwidth Usage' chart for the '7002 wan1' interface, showing a total usage of 831.48 KB over a 2-hour period. Below the chart is a 'Link Trace Table' with columns for IP Family, Protocol Type, Life Cycle, Mark, State, Flow, and packets/bytes. The table lists several active TCP connections.

IP Family	Protocol Type	Life Cycle	Mark	State	Flow	packets/bytes
IPv4	tcp	43	2	SYN_SENT	192.168.1.4[51996] → 172.217.160.106[443] 172.16.0.134[51996] ← 172.217.160.106[443]	→ 0/0 ← 0/0
IPv4	tcp	257	2	ESTABLISHED	192.168.1.4[52144] → 119.3.178.178[21113] 172.16.0.134[52144] ← 119.3.178.178[21113]	→ 0/0 ← 0/0
IPv4	tcp	278	2	ESTABLISHED	192.168.1.4[59640] → 34.117.65.55[443] 172.16.0.134[59640] ← 34.117.65.55[443]	→ 0/0 ← 0/0
IPv4	tcp	297	2	ESTABLISHED	192.168.1.4[52379] → 47.118.71.166[443] 172.16.0.134[52379] ← 47.118.71.166[443]	→ 1/121 ← 2/161
IPv4	tcp	299	2	ESTABLISHED	172.16.0.134[56908] → 192.168.121.4[443]	→ 10/1583 ← 10/1242

- Speed Test
  - Added the ability to run network speed test for APs



- VPN Tunneling
  - Added features of multiple VPN tunneling methods such as PPTP, IPSec, OpenVPN®, and WireGuard®

VPN

- ▾ PPTP + Add
- ▾ IPSec (Site-to-Site) + Add
- ▾ OpenVPN® + Add
- ▾ VPN User + Add
- ▾ WireGuard® + Add

- IPsec
  - IPsec (Site-to-Site) supports both manual and automatic configuration

**General** ^

 Mode  Manual  Auto

If Auto is selected, the LAN subnet and WAN IP will be automatically set to the peer router, and will synchronize automatically after the change, and the IPSec link will not be disconnected due to the change of WAN IP

 \* Name  1-64 characters

 Status  Once disabled, the associated VPN services will also be disabled.

 \* Remote Address 

 \* Router 

 \* Interface 

 \* Pre-shared Key  1-32 characters

 \* Local Network  /  -

 Add New Item +

 \* Remote Network  /  -

 Add New Item +
**Advanced Settings** v

- Certificate Management
  - Added features of certificate management

Type  CA Certificate  Certificate

\* Name  Support 1-64 letters and numbers

Key Length

Digest Algorithm

\* Expiration (D)  1-999999 numbers

SAN  None  IP Address  Domain

Country/Region

\* State/Province

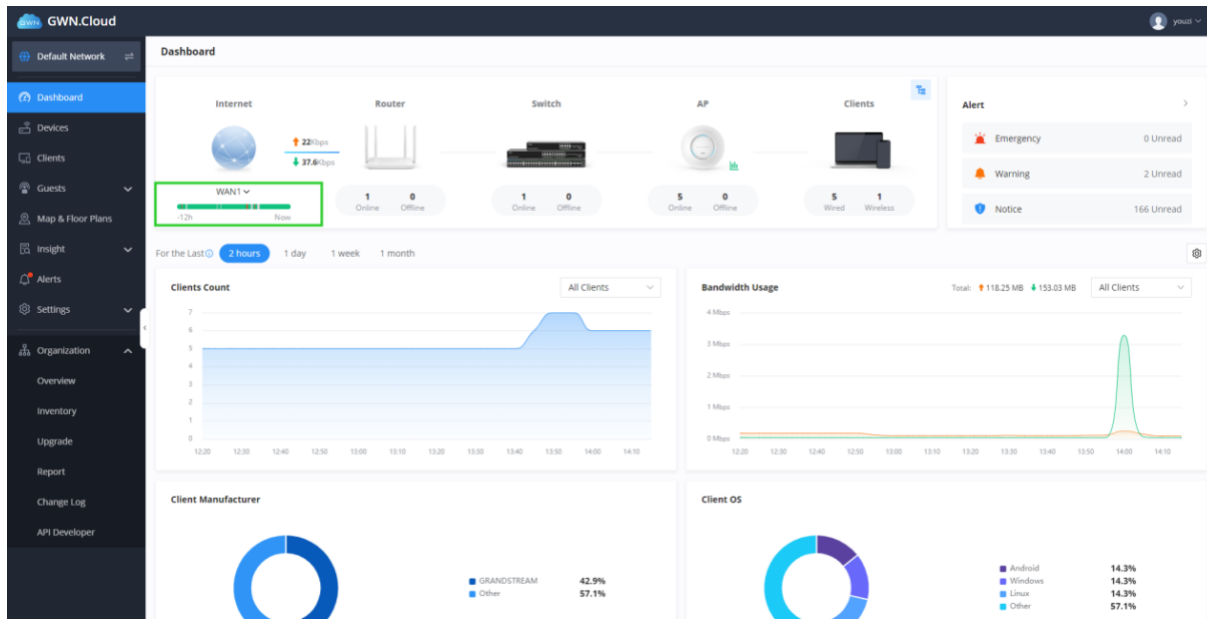
\* City

\* Organization






\* Organizational Unit

\* Email

- Network Health Monitoring
  - Added a new feature for 12-hour network health monitoring of WAN ports



#### Internet

WAN Name	Router	Physical Port	MAC	Connection Type	IP Address	Connect Duration	Network Health	Operation
WAN1 (Default)	7062-7574 C0:74:AD:7C:75:74	WAN	C0:74:AD:7C:75:78	Enter IP Manually (Static IP)	172.16.0.157	3h 39m		
WAN2-yyzhao	7062-7574 C0:74:AD:7C:75:74	LAN4/WAN	C0:74:AD:7C:75:77	Obtain IP Automatically (DHCP)	-	-		 

- VLAN Interface
  - Added a new feature of VLAN interface configuration for routers

## Add VLAN Interface



- Before configuring the IP address, configure the default route for the device in the static route to prevent the VSwitch from losing the default route and unable to connect to the cloud.

**\* VLAN**

Select VLAN ID v

**\* IPv4 Address/Prefix Length**

Prefix length range 8-30

/

IPv6



Cancel Save

- Portal Policy
  - Added managed router Portal Policy feature

Profiles > Add Portal Policy

**\* Name**  1-64 characters

Splash page

**\* Client Expiration**  day(s)  hour(s)  minute(s)

Client Idle Timeout  5-1440 numbers

Failsafe Mode

Daily Limit

**\* Splash Page Customization**

Landing Page

Enable HTTPS Redirection

Enable Secure Portal

Pre Authentication Rule(s)   -

[Add New Authentication Rule](#) +

Post Authentication Rule Type

Post Authentication Rule(s)   -

Cancel Save

- Policy Route
  - Added policy route feature

Traffic Management > **Add Policy Route**

\* Name  1-64 characters  
 Status   
 IP Family  IPv4  
 Protocol Type   
 \* Router   
 \* Source Group   
 Source IP Address/Mask Length  /   
 Destination IP address/mask length  /   
 \* Internet Source   
 Schedule

- Client List
  - Optimized client list, supports quick configuration of blocking functions, optimized RSSI display, and added VLAN ID column

Clients

Hostname	Connection	SSID	VLAN ID	IP Address	Wi-Fi Band	Total	RSSI	Associated Devices	Station Mode	Connection Time	Operation
HONOR_20 B2:02:BE:2D:56:68	Wireless	yyzhao	—	192.168.62.238	5GHz	58.35 MB	📶 -52	7660E C0:74:AD:F0:3F:18	11AC_VHT80	13m	⚙️
DESKTOP-TDN07K 84:5C:F3:7A:D3:E8	Wireless	yyzhao	—	192.168.62.132	5GHz	12.75 MB	📶 -55	7660E C0:74:AD:F0:3F:18	11AC_VHT80	14m	⚙️

## FIRMWARE VERSION 1.1.24.23

### PRODUCT NAME

GWN Manager

### DATE

5/19/2023

### 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 1.1.23.43**

### **PRODUCT NAME**

GWN Manager

### **DATE**

3/6/2023

### **CHANGES/ENHANCEMENT**

- Fixed an issue of SSID assignment.
- Fixed an issue of service error response that found on the mesh topology.
- Added support of mesh for GWN Wi-Fi router as CAP on GWN.Manager.
- Added Client Bridge feature back.
- Added online and offline status filter for devices.
- Optimized performance for data chart and service interface.
- Internal bug fixes.

## **FIRMWARE VERSION 1.1.23.36**

### **PRODUCT NAME**

GWN Manager

### **DATE**

1/6/2023

### **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

### 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
- Fixed some internal bugs