

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 <u>List</u> or later



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FIRMWARE VERSION 1.1.28.27

PRODUCT NAME

GWN Manager

- 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

DATE

06/24/2024

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

- 1. GWN780x 1.0.5.52 Beta
- 2. GWN7052/7052F/7062 1.0.9.42 Beta
- 3. GWN7001/7002/7003 1.0.5.35 Beta



4. GWN781X/GWN783X 1.0.7.64 Beta

If you do not use the matching firmware:

- 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.
- 2. 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

- 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

DATE

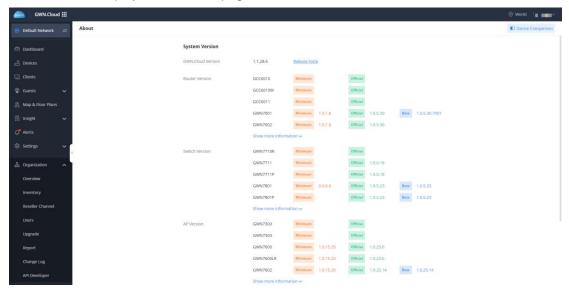
03/02/2024

- 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

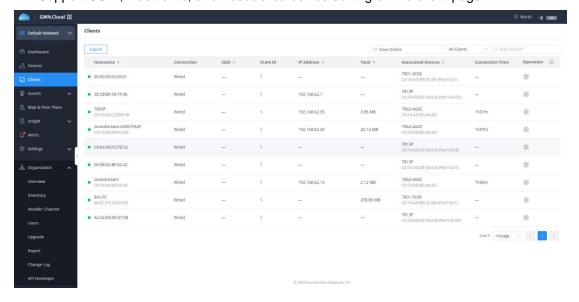
- Beta Display
 - 1. Added Beta display in the **About** page.



2. Support upgrading to Beta from the upgrade page.

Optimized Sorting

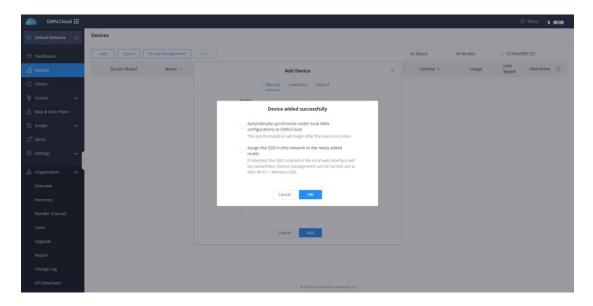
Support SSID, Hostname, and Associated device sorting on the client page.



• Local WAN Configuration Synchronization

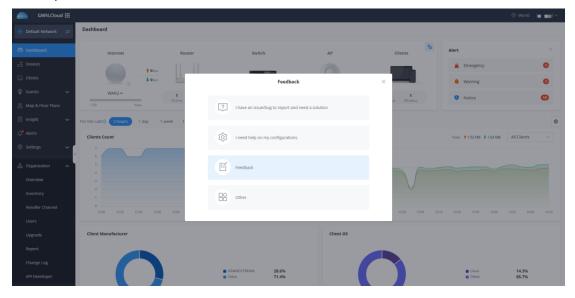
Supports synchronizing from the local WAN configuration of the added router





Optimized Feedback

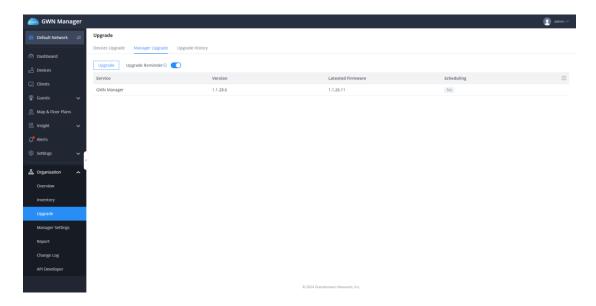
Now offers four feedback options aimed at enhancing issue resolution efficiency and minimizing response times.



• GWN Manager Upgrade

Now users can upgrade GWN manager from the WebUI.







FIRMWARE VERSION 1.1.26.11

PRODUCT NAME

GWN Manager

- 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

DATE

11/16/2023

- 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 form.
- 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)

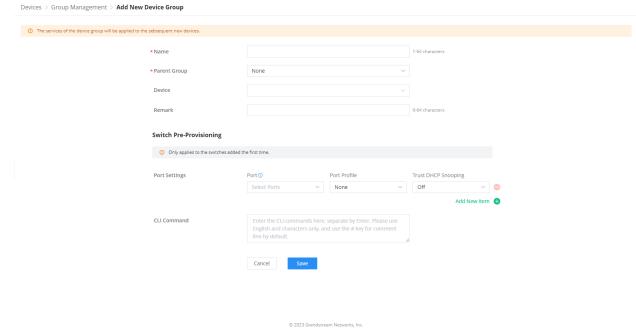


- Removed SMTP Username/Password requirement.
- Fixed alerts not working on port profiles for GWN7806P.
- Fixed the AP search fails when the name of an AP contains the character "- ".
- Fixed the configuration operations in the ChangeLog do not show more detail issue.
- Fixed GWN Cloud API network group ID displayed "network has no authority" issue.
- Internal bug fixes.

NEW FEATURE OVERVIEW

Pre-Provisioning

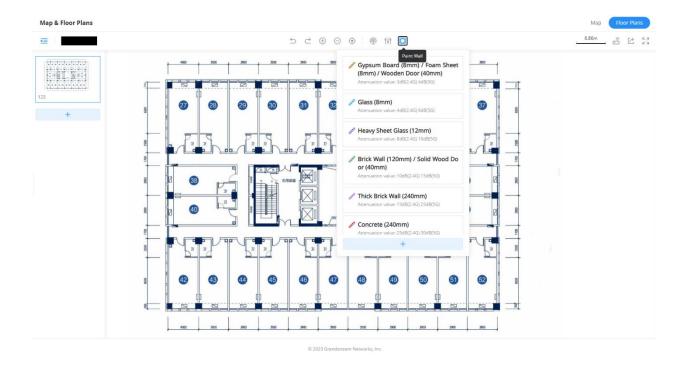
Added switch pre-provisioning for Port Settings, Port Profile, and Trust DHCP Snooping.



Wall Types

Added default wall type and optimized the attenuation values.



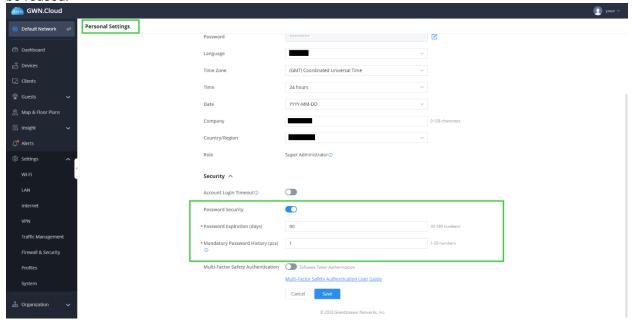


• Password Security

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.





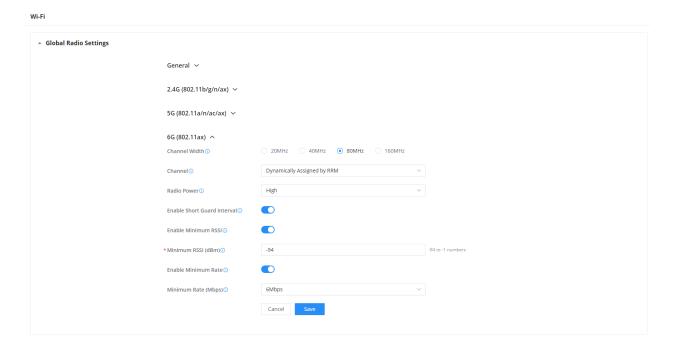
Weak Heat Map

Support hiding weaker heat map signals.



Support 6G

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





FIRMWARE VERSION 1.1.25.23

PRODUCT NAME

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- 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

DATE

9/22/2023

- 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.

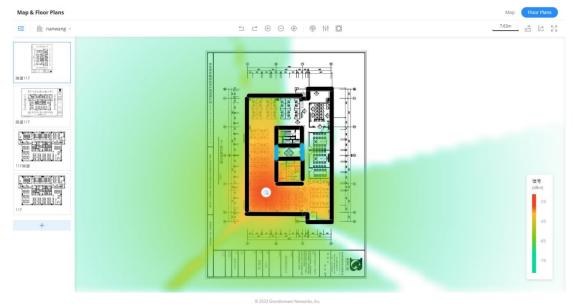


• Internal bug fixes.

NEW FEATURE OVERVIEW

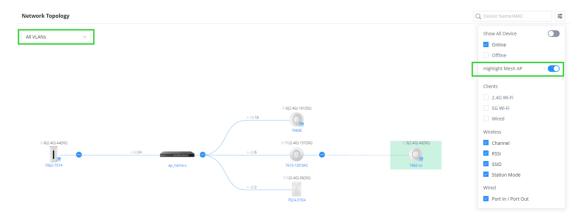
Floor Plan

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



Topology

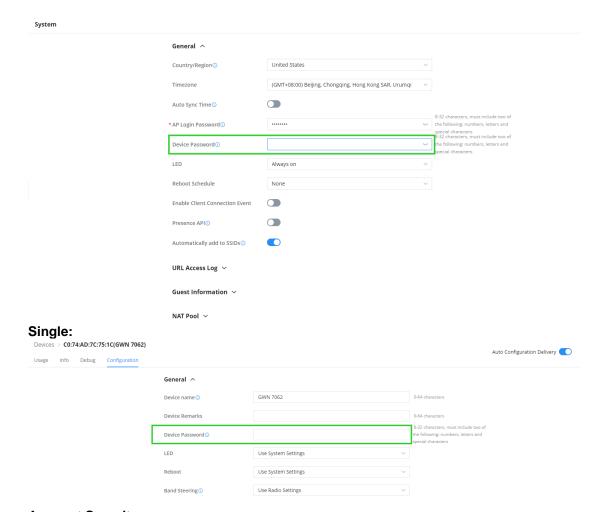
Optimized topology diagram highlights the mesh display, VLAN information filtering, and the device overview information



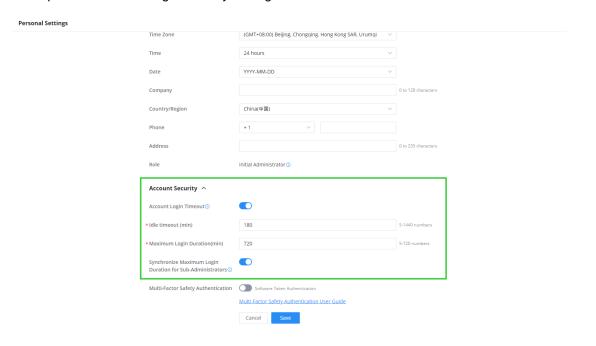
Device Password

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





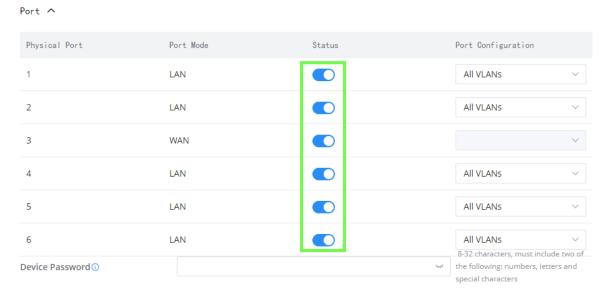
Account Security
 Optimized account login security settings





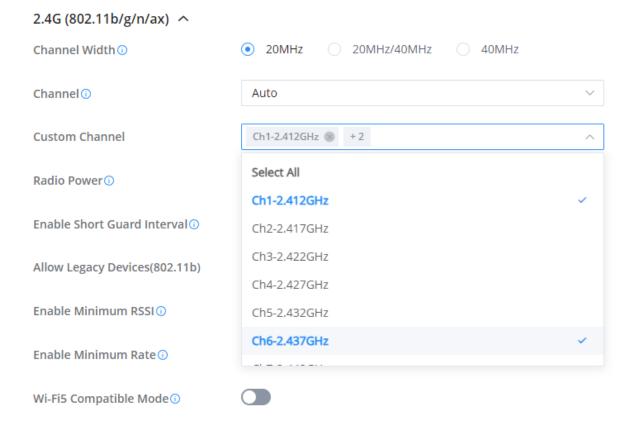
Router LAN

Added the ability to disable the router LAN ports.



• Customize the Channel

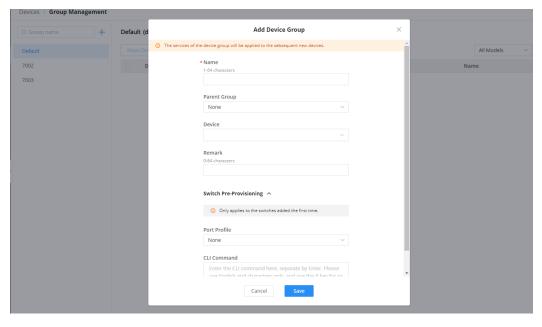
Added the ability to customize the channel in 2.4G band.

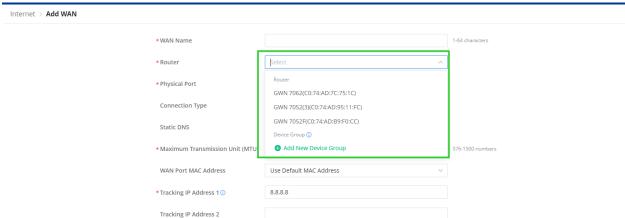




• Device Group

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

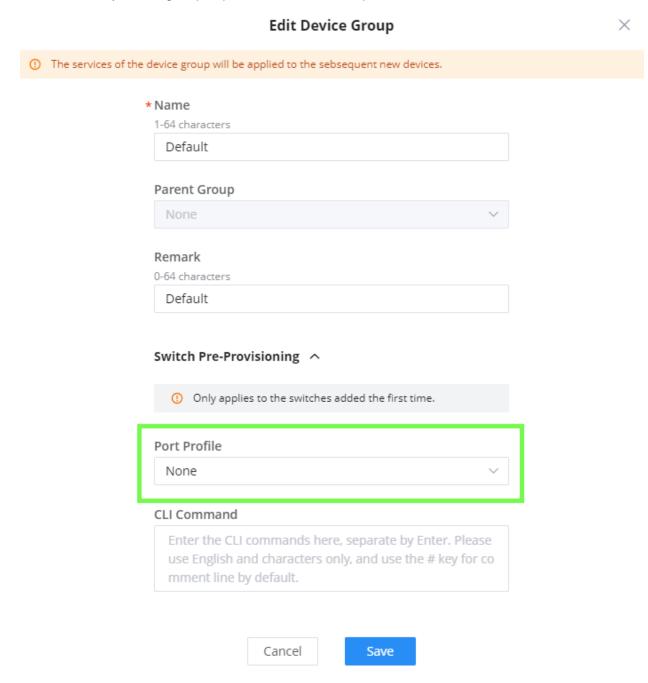






Port Profile

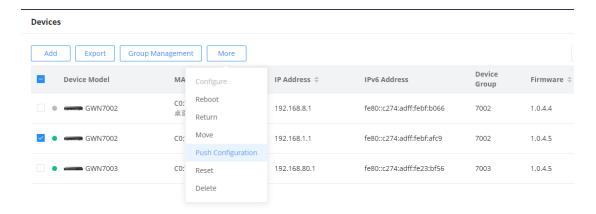
Added the ability to configure port profiles for Device Group.



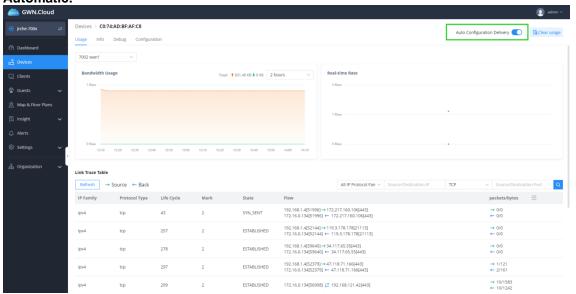
Push Configuration

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





Automatic:



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

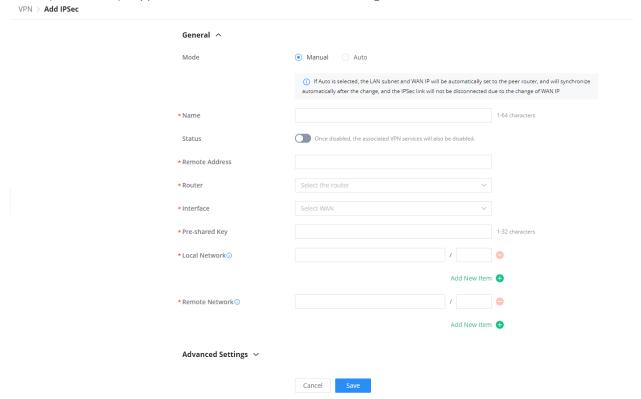


WireGuard®



IPsec

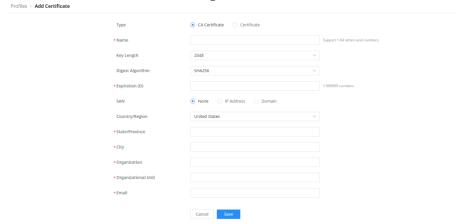
IPsec (Site-to-Site) supports both manual and automatic configuration



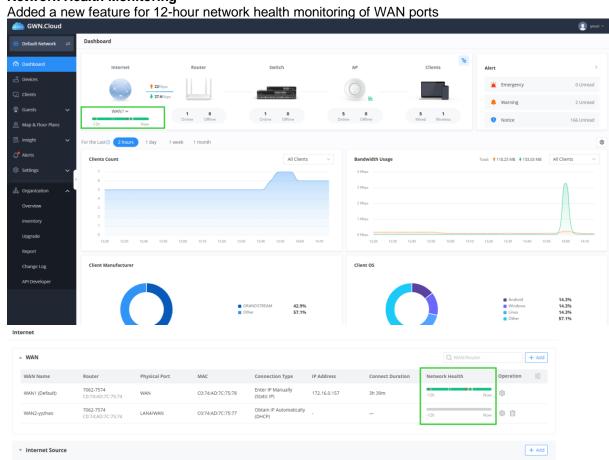


• Certificate Management

Added features of certificate management



Network Health Monitoring





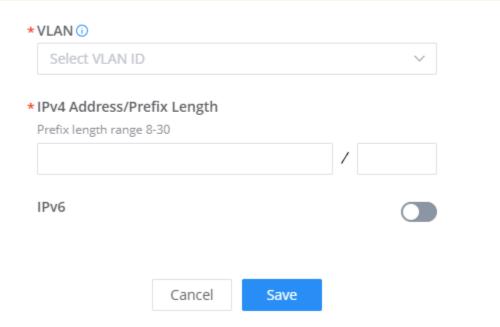
X

VLAN Interface

Added a new feature of VLAN interface configuration for routers

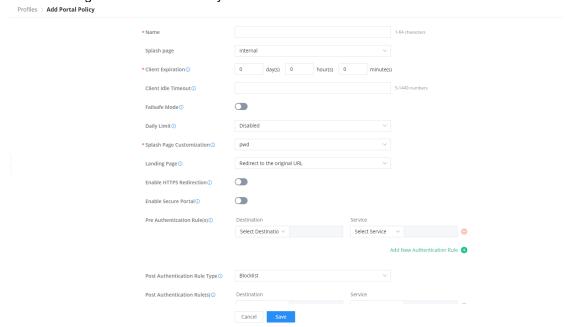
Add VLAN Interface

 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.



Portal Policy

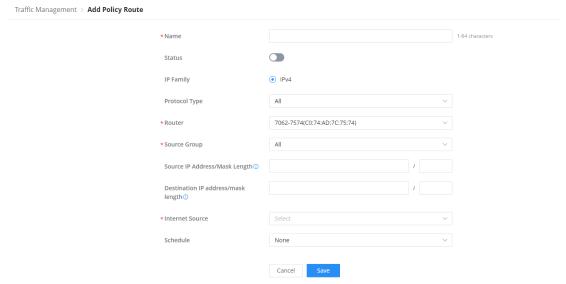
Added managed router Portal Policy feature





Policy Route

Added policy route feature



Client List

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





FIRMWARE VERSION 1.1.24.23

PRODUCT NAME

GWN Manager

DATE

5/19/2023

- (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

- 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

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



FIRMWARE VERSION 1.1.23.29

PRODUCT NAME

GWN Manager

DATE

12/28/2022

- 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