

# GWN.Cloud Release Notes

## Table of Content

FIRMWARE VERSION 1.1.28.9.....	3
PRODUCT NAME.....	3
DATE.....	3
CHANGES/ENHANCEMENT .....	3
NEW FEATURE OVERVIEW .....	3
FIRMWARE VERSION 1.1.27.13.....	7
PRODUCT NAME.....	7
DATE.....	7
CHANGES/ENHANCEMENT .....	7
NEW FEATURE OVERVIEW .....	7
FIRMWARE VERSION 1.1.26.11.....	12
PRODUCT NAME.....	12
DATE.....	12
CHANGES/ENHANCEMENT .....	12
NEW FEATURE OVERVIEW .....	12
FIRMWARE VERSION 1.1.25.23.....	16
PRODUCT NAME.....	16
DATE.....	16
CHANGES/ENHANCEMENT .....	16
NEW FEATURE OVERVIEW .....	18
FIRMWARE VERSION 1.1.24.23.....	29
PRODUCT NAME.....	29
DATE.....	29
CHANGES/ENHANCEMENT .....	29
FIRMWARE VERSION 1.1.23.43.....	30
PRODUCT NAME.....	30
DATE.....	30
CHANGES/ENHANCEMENT .....	30
FIRMWARE VERSION 1.1.23.36.....	31
PRODUCT NAME.....	31
DATE.....	31
CHANGES/ENHANCEMENT .....	31
FIRMWARE VERSION 1.1.23.29.....	32

PRODUCT NAME .....	32
DATE .....	32
CHANGES/ENHANCEMENT .....	32

## FIRMWARE VERSION 1.1.28.9

### PRODUCT NAME

GWN.Cloud

### DATE

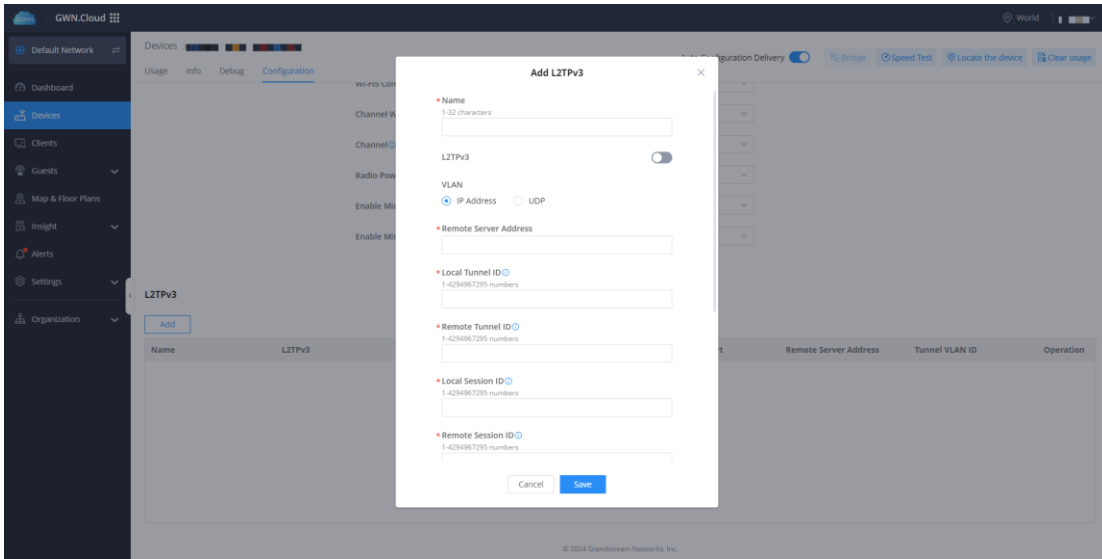
03/02/2024

### CHANGES/ENHANCEMENT

- Supports link speed display for Aps on the device list
- Supports **L2TPv3** configuration on **GWN7660 series APs**
- 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 “Do not show again: Check” Log for firmware update on the change log.
- Internal bug fixes

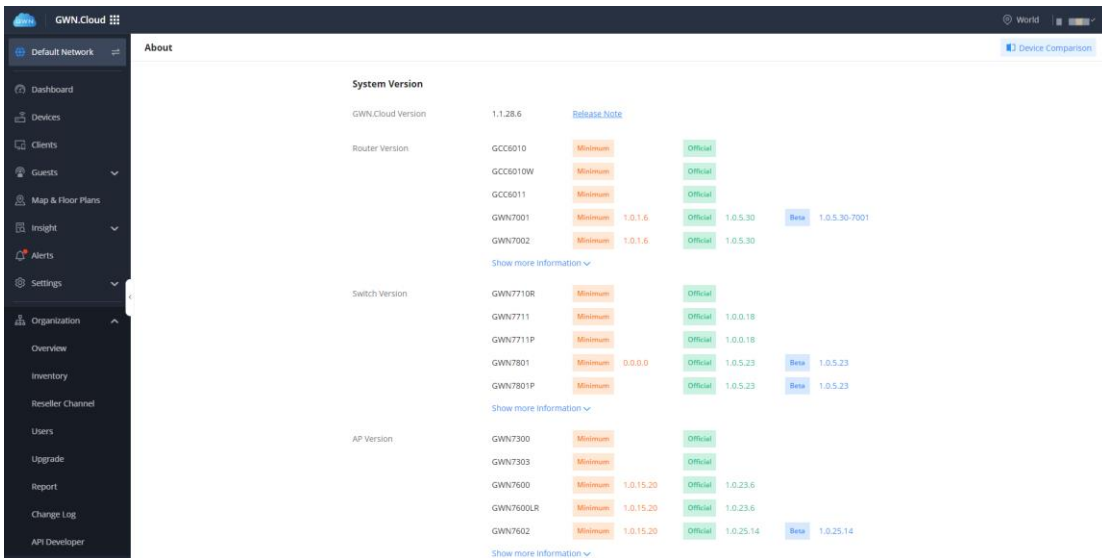
### NEW FEATURE OVERVIEW

- **L2TPv3 Configuration**



- **Beta Display**

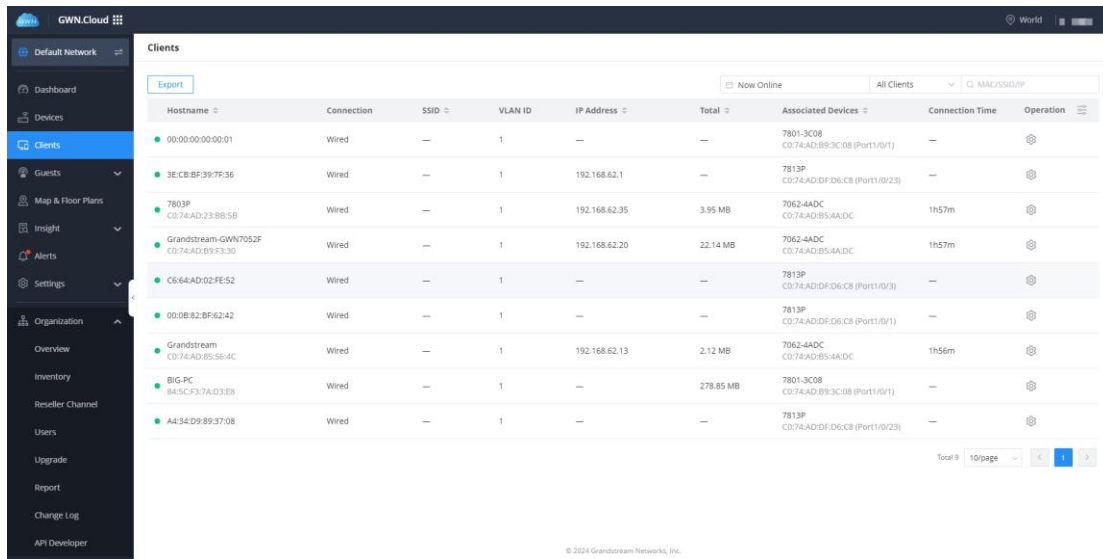
1. Added Beta display in the **About** page.



2. Support upgrading to Beta from the upgrade page.

- **Optimized Sorting**

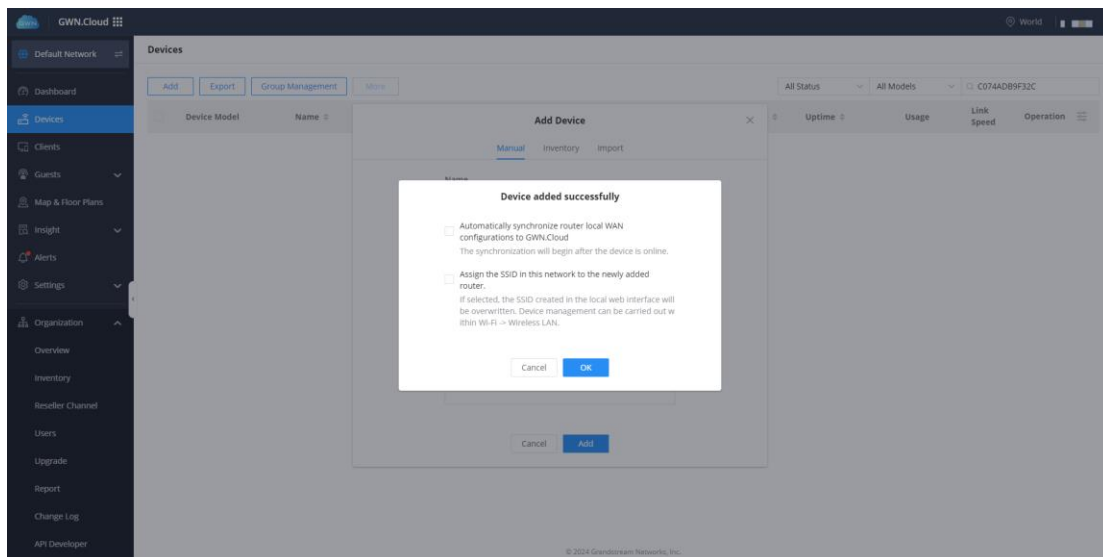
Support SSID, Hostname, and Associated device sorting on the client page.



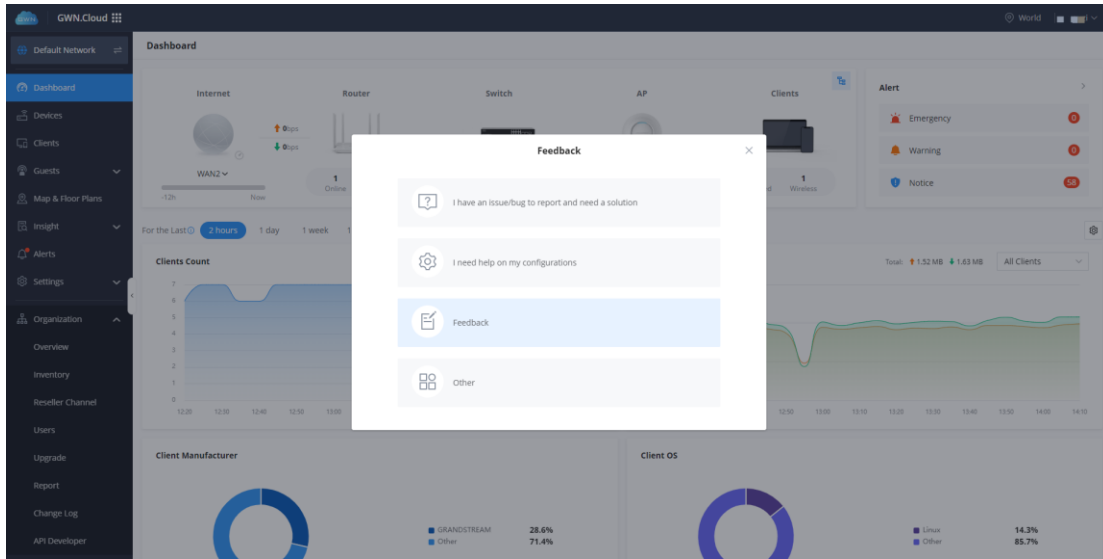
The screenshot shows the 'Clients' page in GWN.Cloud. It features a table with columns: Hostname, Connection, SSID, VLAN ID, IP Address, Total, Associated Devices, Connection Time, and Operation. The table lists several clients, including Grandstream-GWN7052F and BIG-PC. A sidebar on the left contains navigation options like Dashboard, Devices, Clients, and Settings. The top right shows 'World' and a battery icon.

Hostname	Connection	SSID	VLAN ID	IP Address	Total	Associated Devices	Connection Time	Operation
00:00:00:00:00:01	Wired	---	1	---	---	7801-3C08 C0:74:AD:B9:3C:08 (Port1/0/1)	---	⚙️
3E:CB:BF:39:7F:36	Wired	---	1	192.168.62.1	---	7813P C0:74:AD:DF:D6:C8 (Port1/0/23)	---	⚙️
7803P C0:74:AD:23:8B:58	Wired	---	1	192.168.62.35	3.95 MB	7062-4ADC C0:74:AD:85:4A:DC	1h57m	⚙️
Grandstream-GWN7052F C0:74:AD:8F:F3:30	Wired	---	1	192.168.62.20	22.14 MB	7062-4ADC C0:74:AD:85:4A:DC	1h57m	⚙️
C6:64:AD:02:FE:52	Wired	---	1	---	---	7813P C0:74:AD:DF:D6:C8 (Port1/0/3)	---	⚙️
00:0B:82:BF:62:42	Wired	---	1	---	---	7813P C0:74:AD:DF:D6:C8 (Port1/0/1)	---	⚙️
Grandstream C0:74:AD:85:3E:4C	Wired	---	1	192.168.62.13	2.12 MB	7062-4ADC C0:74:AD:85:4A:DC	1h56m	⚙️
BIG-PC 84:5C:F3:7A:D3:E8	Wired	---	1	---	278.85 MB	7801-3C08 C0:74:AD:B9:3C:08 (Port1/0/1)	---	⚙️
A4:34:D9:89:37:08	Wired	---	1	---	---	7813P C0:74:AD:DF:D6:C8 (Port1/0/23)	---	⚙️

- 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.



## FIRMWARE VERSION 1.1.27.13

### PRODUCT NAME

GWN.Cloud

### DATE

01/15/2024

### CHANGES/ENHANCEMENT

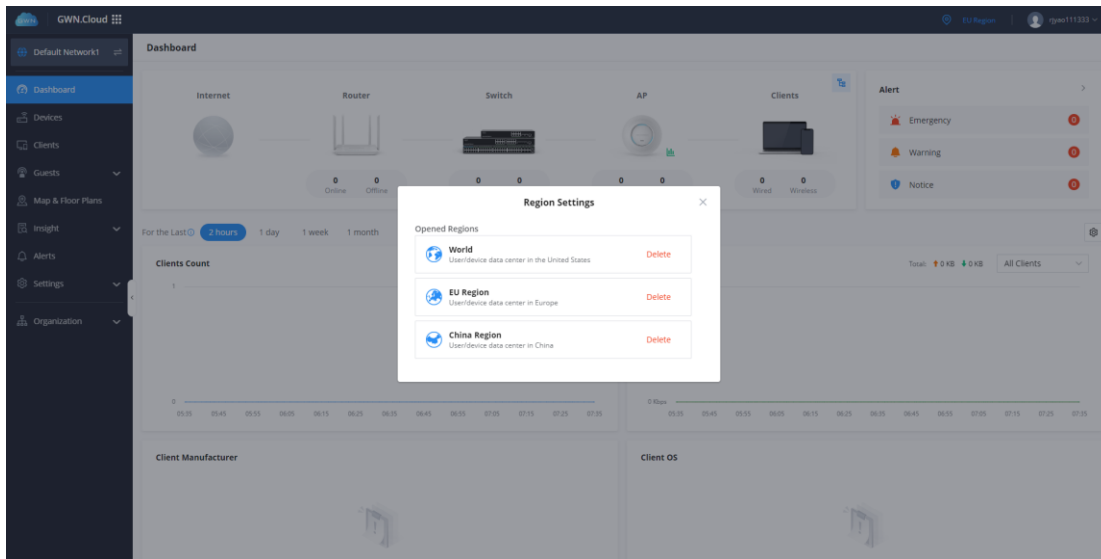
- Optimized account login page.
- Added **Regions/Systems Switch** to allow multiple regions/systems to be opened.
- Upgrade **Account Permission**, allowing comprehensive management of all Grandstream services and enable all systems in the selects region.
- Added **Associated Company** to support cross-region/cross-system management on channels and customers for network sharing and device allocation.
- Added **Reseller Channel** to support the establishment of hierarchy in agent partnership, obtain device from ERP, and assign device to network groups or channels/agents
- Optimized **User Management**, unified management of account and password security.
- Optimized **Personal Settings** page and added user type settings.
- Optimized the process of account/password retrieval.
- Added API support for exporting the switch information, mainly the information and port modules in the switch details, and the information of the global switch settings.
- Added API support for PPSK configuration.
- Internal bug fixes.

### NEW FEATURE OVERVIEW

- **Regions/Systems Switch**

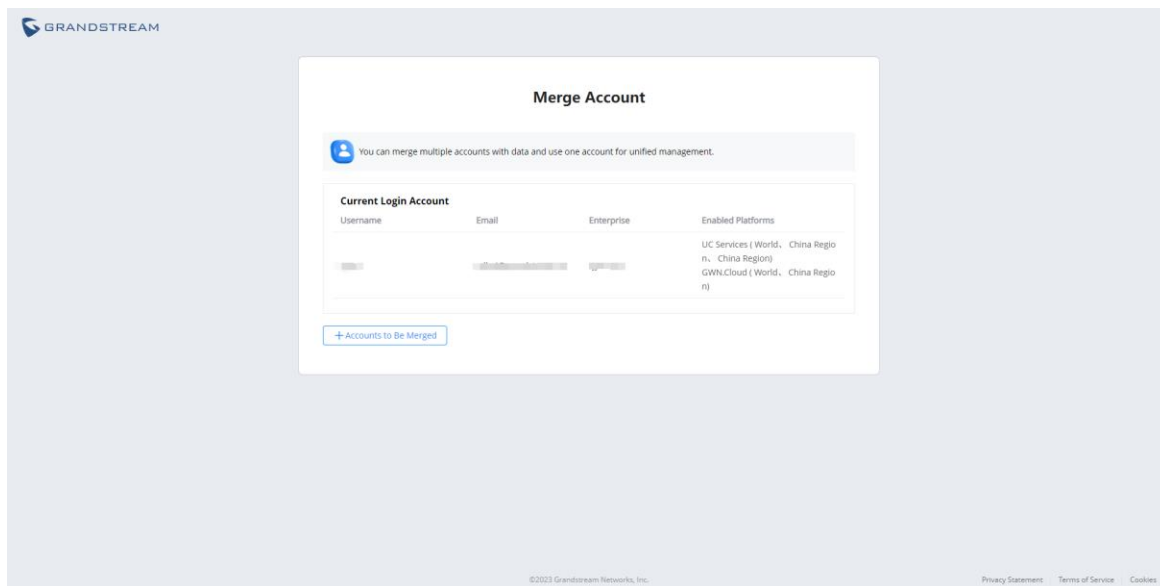
Added the support of switching regions/systems to allow multiple service areas to be opened. Go to Region settings to add or delete regions. Only the super admin has access by default.

Please note deleting a region will delete all data within that region including GWN.cloud data and GDMS data.

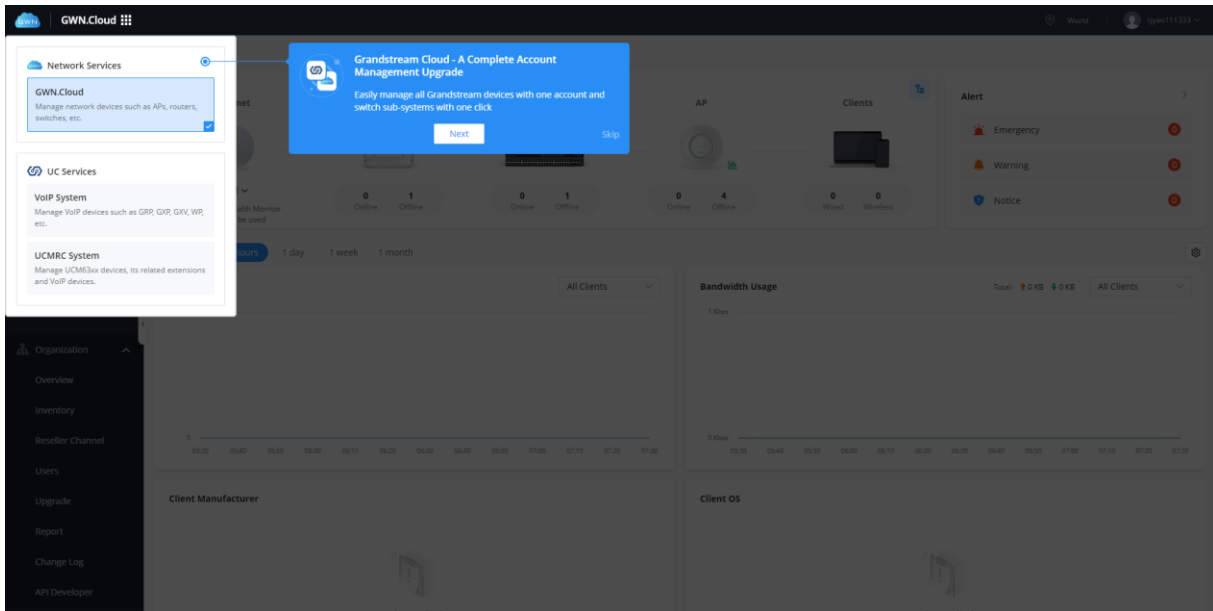


- **Account Permission**

Upgraded account permission to support comprehensive management of all Grandstream devices and services. Account can now access both GWN.cloud and GDMS.

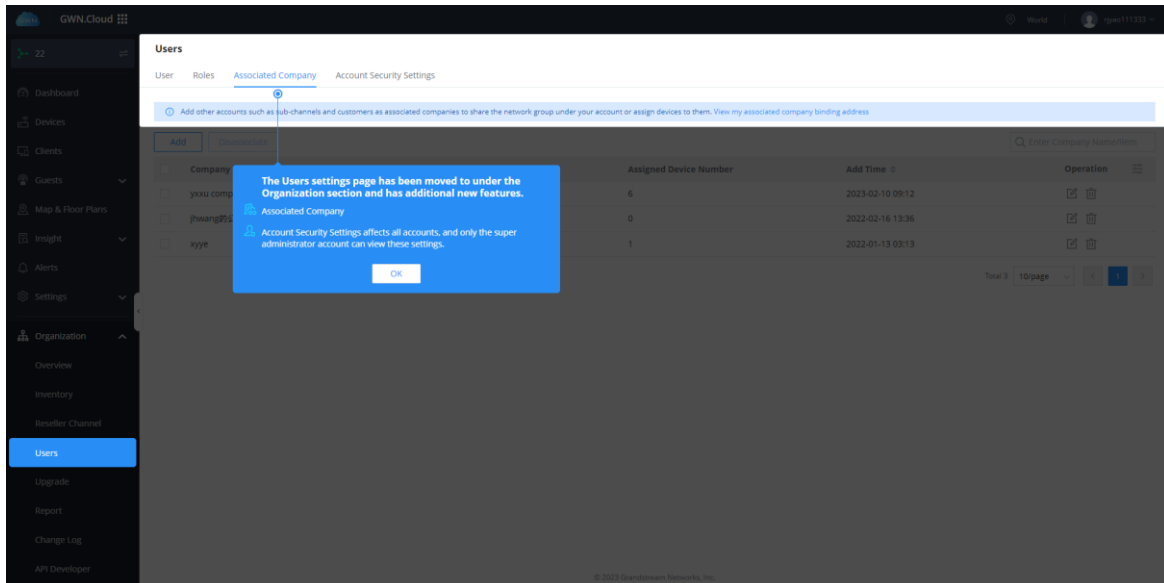


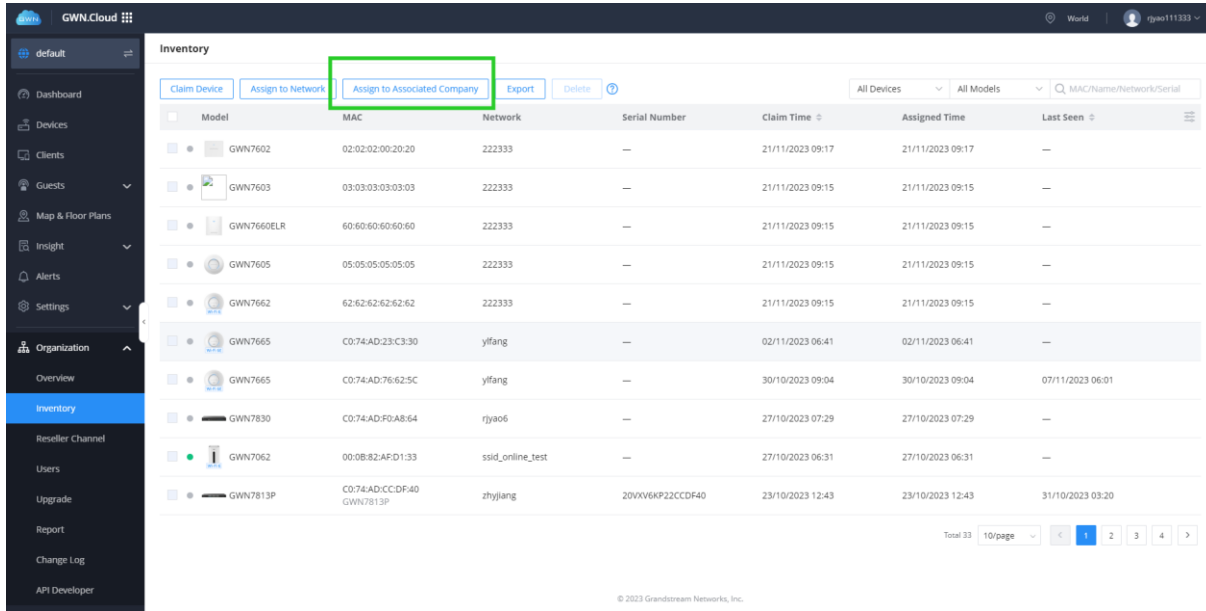




- **Associated Company**

Added support of associated company to support cross-region and cross-system management of channels and customers for network sharing and device allocation.





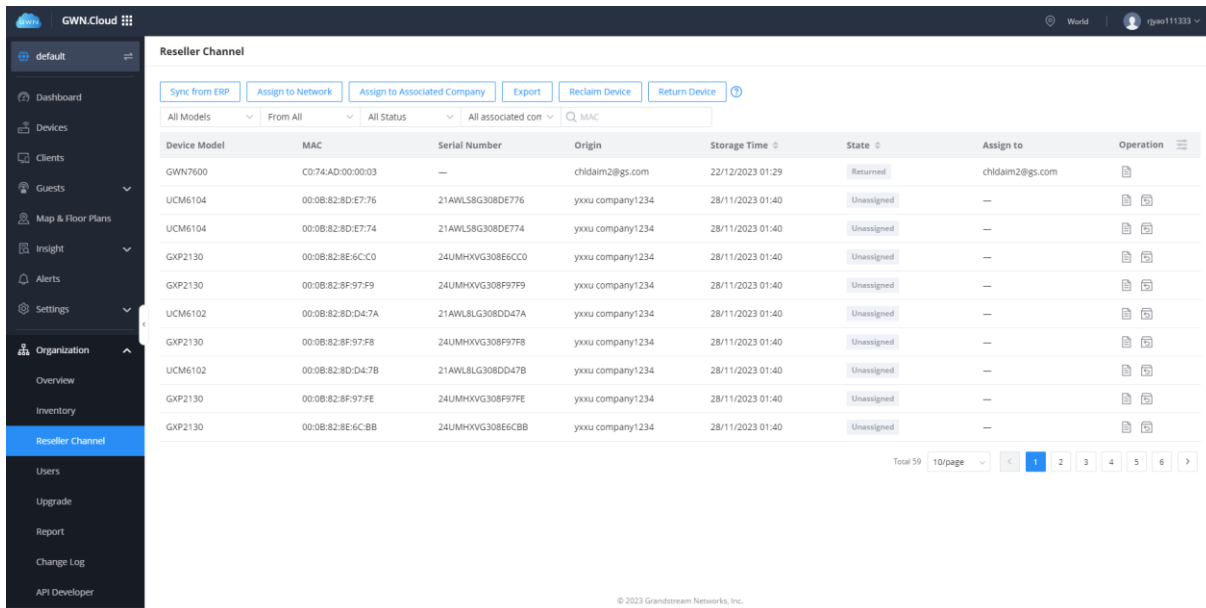
The screenshot shows the 'Inventory' page in GWN.Cloud. The 'Assign to Associated Company' button is highlighted with a green box. The table below lists various devices with their MAC addresses, network names, serial numbers, and claim/assigned times.

Model	MAC	Network	Serial Number	Claim Time	Assigned Time	Last Seen
GWN7602	02:02:02:00:20:20	222333	—	21/11/2023 09:17	21/11/2023 09:17	—
GWN7603	03:03:03:03:03:03	222333	—	21/11/2023 09:15	21/11/2023 09:15	—
GWN7660ELR	60:60:60:60:60:60	222333	—	21/11/2023 09:15	21/11/2023 09:15	—
GWN7605	05:05:05:05:05:05	222333	—	21/11/2023 09:15	21/11/2023 09:15	—
GWN7662	62:62:62:62:62:62	222333	—	21/11/2023 09:15	21/11/2023 09:15	—
GWN7665	C0:74:AD:23:C3:30	yifang	—	02/11/2023 06:41	02/11/2023 06:41	—
GWN7665	C0:74:AD:76:62:5C	yifang	—	30/10/2023 09:04	30/10/2023 09:04	07/11/2023 06:01
GWN7830	C0:74:AD:F0:A8:64	ryao6	—	27/10/2023 07:29	27/10/2023 07:29	—
GWN7062	00:08:82:AF:D1:33	ssid_online_test	—	27/10/2023 06:31	27/10/2023 06:31	—
GWN7813P	C0:74:AD:CC:DF:40 GWN7813P	zhyijiang	Z0VXV6K2CCDF40	23/10/2023 12:43	23/10/2023 12:43	31/10/2023 03:20

- **Reseller Channel**

Added reseller channel to support the establishment of the hierarchy agent partnership, obtain device from ERP, and assign device to network groups or channels/agents.

1. Support first-level channel or agent to bind the ERP ID and sync the device.
2. Support assigning/returning/relaiming device to network or associated company

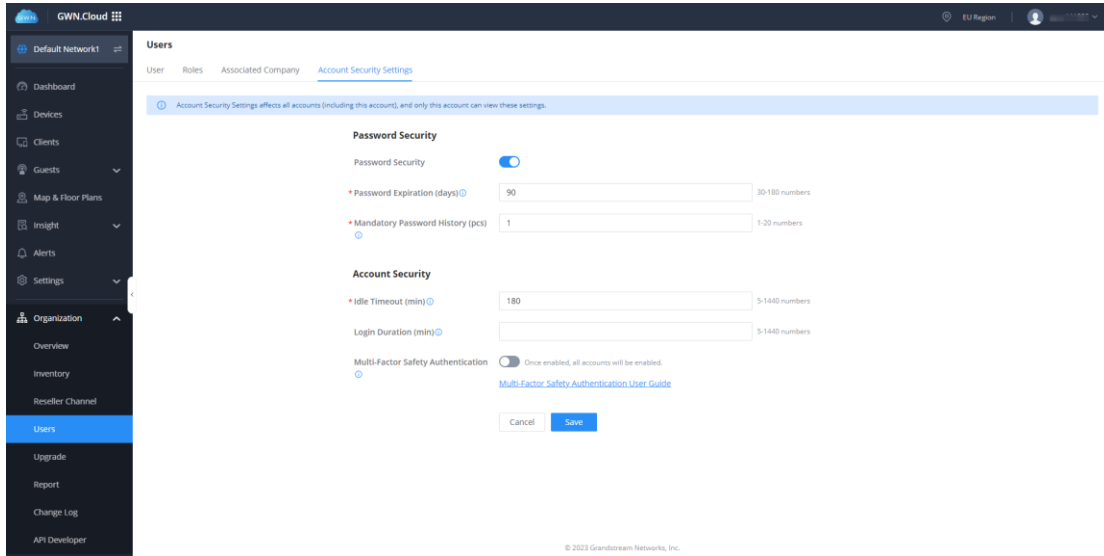


The screenshot shows the 'Reseller Channel' page in GWN.Cloud. The table below lists devices with their origin, storage time, state, and assign-to information.

Device Model	MAC	Serial Number	Origin	Storage Time	State	Assign to	Operation
GWN7600	C0:74:AD:00:00:03	—	chidaim2@gs.com	22/12/2023 01:29	Returned	chidaim2@gs.com	
UCM6104	00:08:82:8D:E7:76	21AWLSBG308DE776	yxuu company1234	28/11/2023 01:40	Unassigned	—	
UCM6104	00:08:82:8D:E7:74	21AWLSBG308DE774	yxuu company1234	28/11/2023 01:40	Unassigned	—	
GXP2130	00:08:82:8E:6C:C0	24UMHKVG308E6CC0	yxuu company1234	28/11/2023 01:40	Unassigned	—	
GXP2130	00:08:82:8F:97:F9	24UMHKVG308F97F9	yxuu company1234	28/11/2023 01:40	Unassigned	—	
UCM6102	00:08:82:8D:D4:7A	21AWLBLG308DD47A	yxuu company1234	28/11/2023 01:40	Unassigned	—	
GXP2130	00:08:82:8F:97:F8	24UMHKVG308F97F8	yxuu company1234	28/11/2023 01:40	Unassigned	—	
UCM6102	00:08:82:8D:D4:7B	21AWLBLG308DD47B	yxuu company1234	28/11/2023 01:40	Unassigned	—	
GXP2130	00:08:82:8F:97:FE	24UMHKVG308F97FE	yxuu company1234	28/11/2023 01:40	Unassigned	—	
GXP2130	00:08:82:8E:6C:BB	24UMHKVG308E6CBB	yxuu company1234	28/11/2023 01:40	Unassigned	—	

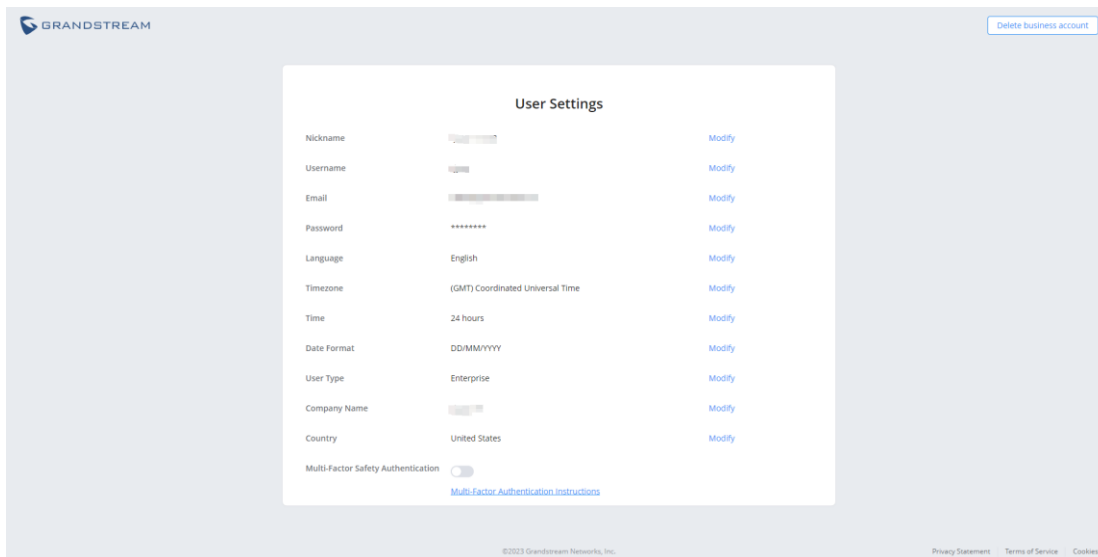
- **User Management**

Optimized user management, unified management of account and password security.



- **Personal Settings**

Optimized personal settings and added user type.



# FIRMWARE VERSION 1.1.26.11

## PRODUCT NAME

GWN.cloud

## DATE

11/16/2023

## 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.

○ 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.

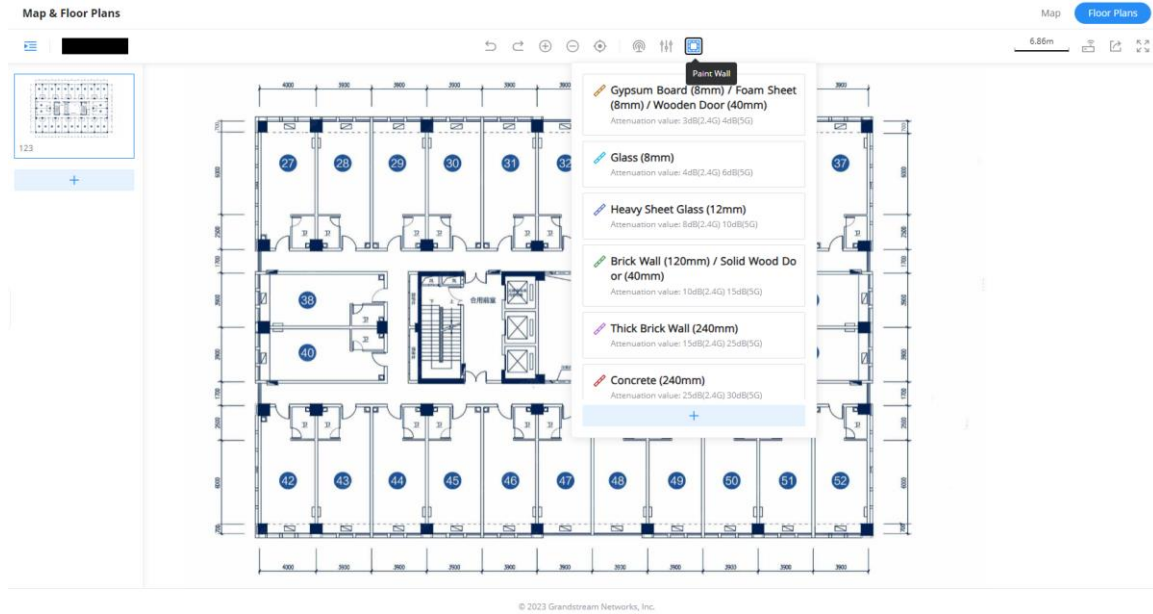
Port Settings: Port  Port Profile  Trust DHCP Snooping  + Add New Item

CLI Command

© 2023 Grandstream Networks, Inc.

- Wall Types**

Added default wall type and optimized the attenuation values.

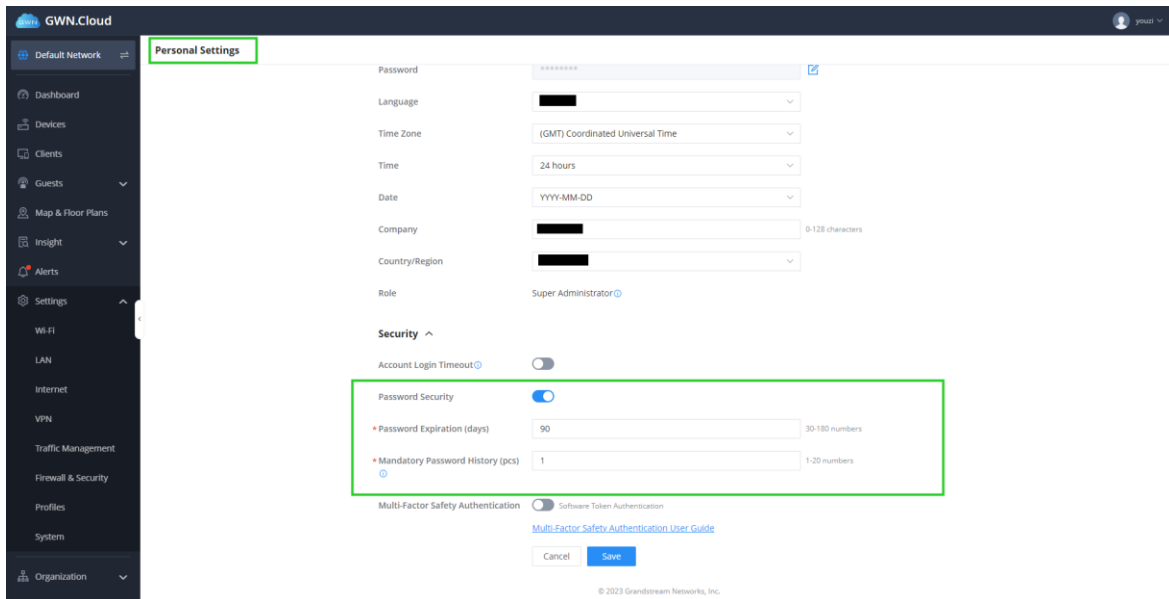


- Password Security**

Added password expiration days and mandatory password history.

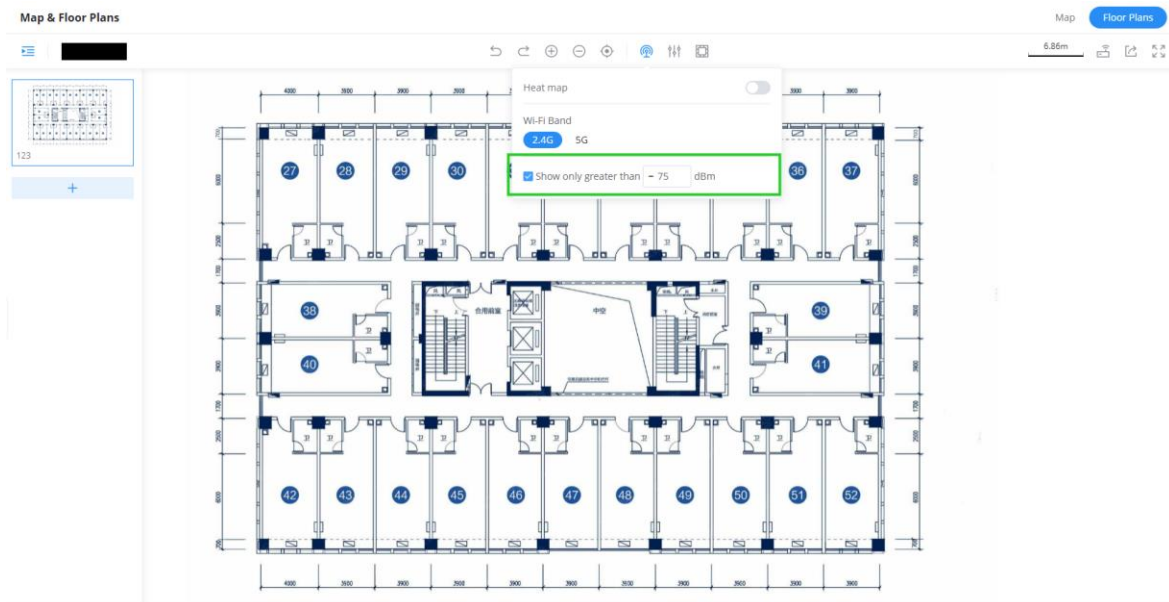
Password Expiration – The days before a change of password is required.

Mandatory Password History – The number of new passwords needed before the old password can be re-used.



- **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)

# FIRMWARE VERSION 1.1.25.23

## PRODUCT NAME

GWN.cloud

## DATE

9/22/2023

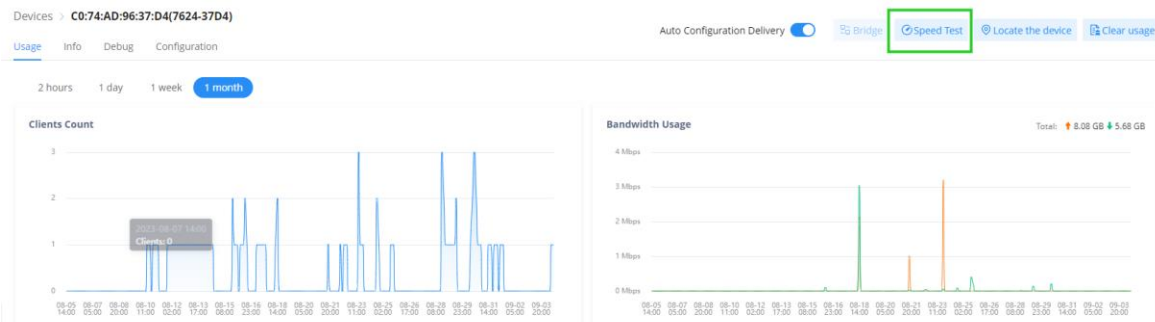
## CHANGES/ENHANCEMENT

- Added the ability to set the Primary Network for cloud.
- 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 automatically generate domain names for **Cloud DDNS** service.
- 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 local side of the device, the push method includes manual and automatic.
- Added the ability to configure the router/switch device password from GWN.cloud.
- 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

- **Speed Test**

Added the ability to run network speed test for Aps.



- **Port Profile** for Device Group.
- Added the ability to run network **Speed Test** for APs



Added

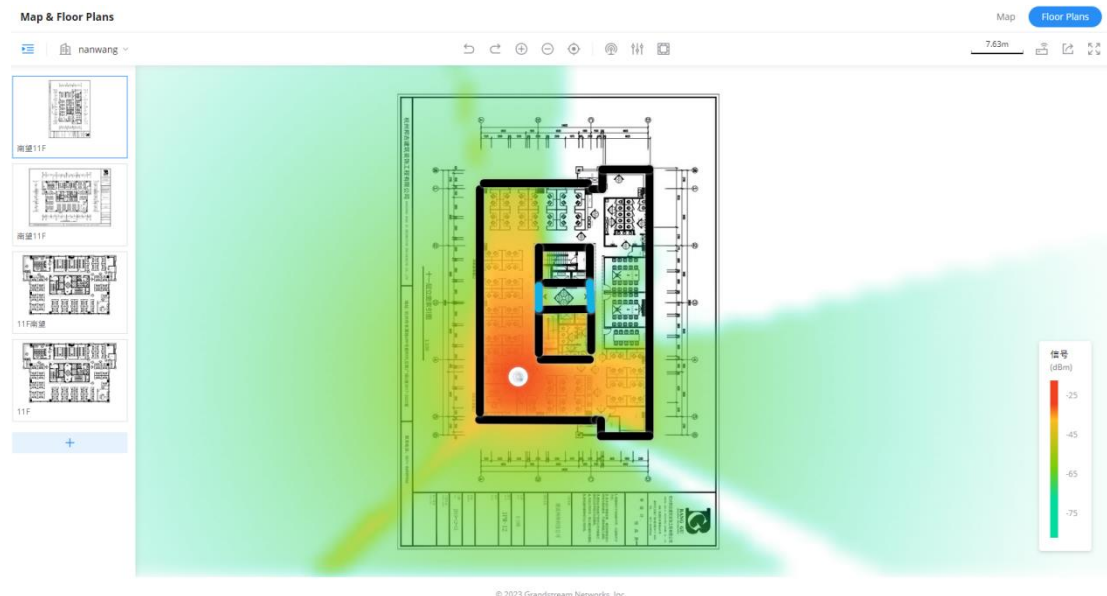
- **Floor Plan** management features, support device RF heat map preview, convenient device placement planning
  - Added features of multiple **VPN Tunneling** methods: PPTP, IPSec, OpenVPN®, and WireGuard®
  - Added an option to enable/disable the configuration preset.
  - Added Wi-Fi 6 icon next to 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 to allow a 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.

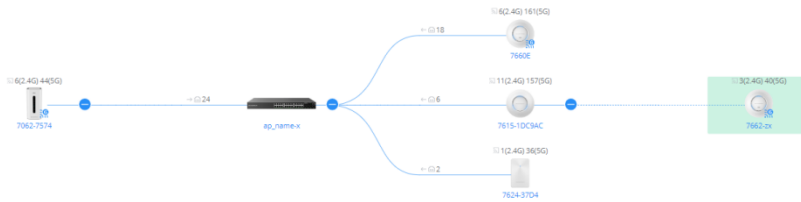


- **Topology**

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

Network Topology

All VLANs



Device Name/MAC

Show All Device

Online

Offline

**Highlight Mesh AP**

Clients

2.4G Wi-Fi

5G Wi-Fi

Wired

Wireless

Channel

RSSI

SSID

Station Mode

Wired

Port In / Port Out

- Device Password**

Added the ability to support batch or single configuration for the device password.

**Single:**

Devices > C0:74:AD:7C:75:1C(GWN 7062)

Usage Info Debug Configuration Auto Configuration Delivery

**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

Reboot

Band Steering

**Batch:**

System

**General** ^

Country/Region

Timezone

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

Reboot Schedule

Enable Client Connection Event

Presence API

Automatically add to SSIDs

**URL Access Log** v

**Guest Information** v

**NAT Pool** v

- 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

Custom Channel  +2

Radio Power

Enable Short Guard Interval

Allow Legacy Devices(802.11b)

Enable Minimum RSSI

Enable Minimum Rate

Wi-Fi5 Compatible Mode

Select All

Ch1-2.412GHz

Ch2-2.417GHz

Ch3-2.422GHz

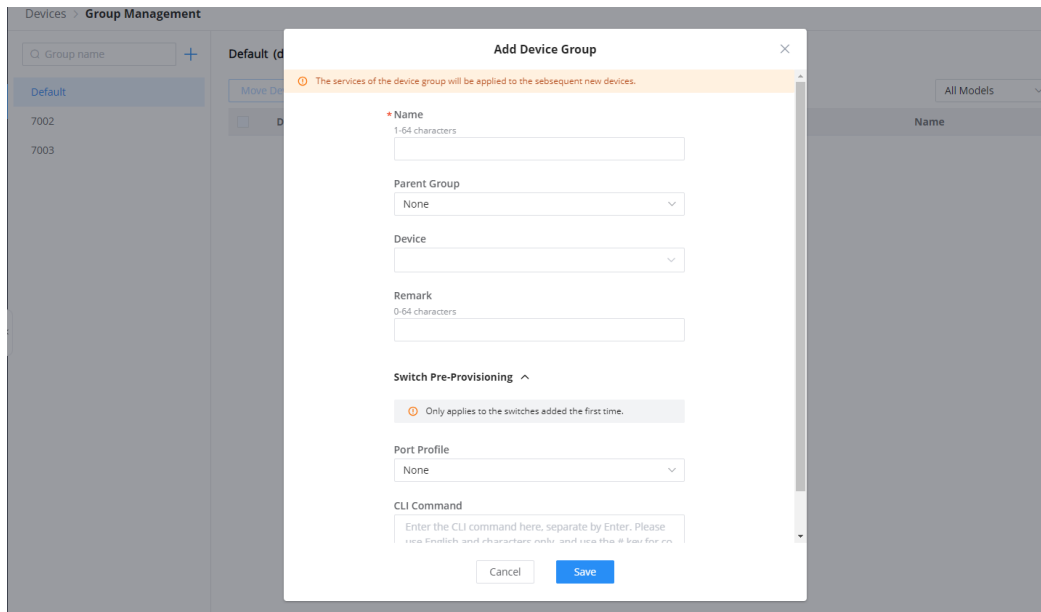
Ch4-2.427GHz

Ch5-2.432GHz

Ch6-2.437GHz

- **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.

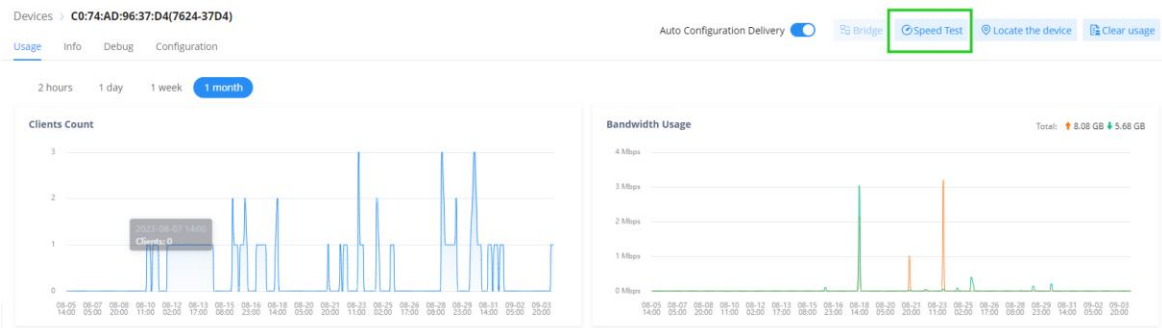


Internet &gt; Add WAN

\* 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

- **Speed Test**

Added the ability to run network speed test for Aps.



- **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.



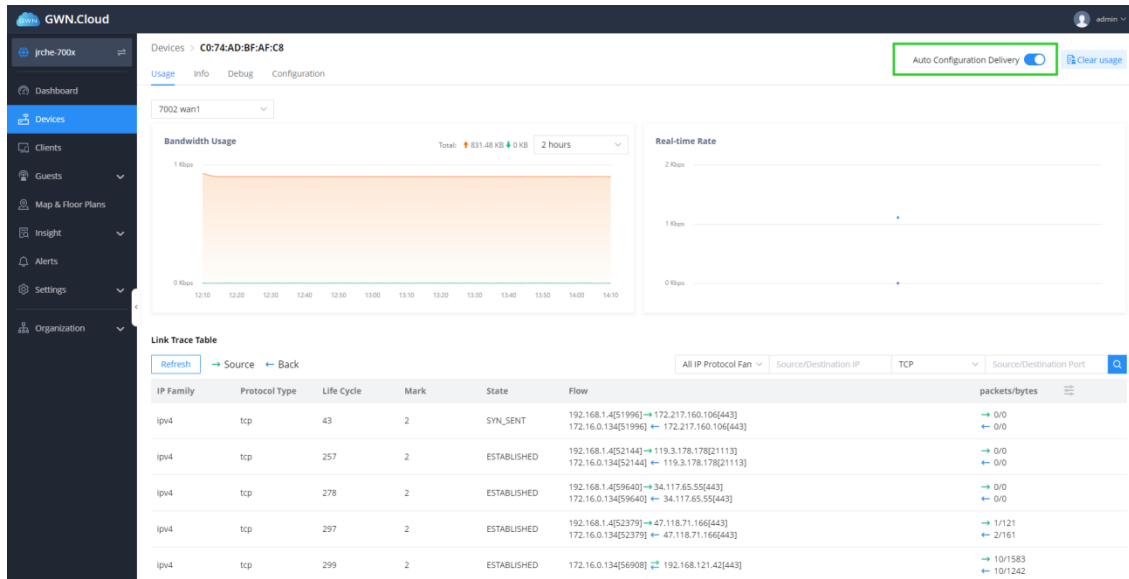
- Push Configuration**

Added the feature of pushing cloud configuration to the local side of the device, and the push method includes manual and automatic.

**Manual:**

Devices							
<input type="button" value="Add"/> <input type="button" value="Export"/> <input type="button" value="Group Management"/> <input type="button" value="More"/>							
<input type="checkbox"/>	Device Model	MA	Configure	IP Address	IPv6 Address	Device Group	Firmware
<input type="checkbox"/>	GWN7002	CO: 乘器	Reboot	192.168.8.1	fe80::c274:adff:febf:b066	7002	1.0.4.4
<input checked="" type="checkbox"/>	GWN7002	CO:	Return	192.168.1.1	fe80::c274:adff:febf:afc9	7002	1.0.4.5
<input type="checkbox"/>	GWN7003	CO:	Move	192.168.80.1	fe80::c274:adff:fe23:bf56	7003	1.0.4.5
			Reset				
			Delete				

## Automatic:



The screenshot shows the GWN.Cloud interface for a device with MAC address C0:74:AD:BF:AF:C8. The 'Usage' tab is active, displaying a 'Bandwidth Usage' graph for interface 'wan1' over a 2-hour period. The total usage is 831.48 KB. Below the graph is a 'Link Trace Table' with the following data:

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[56008] → 192.168.121.42[443]	→ 10/1583 ← 10/1242

- **IPsec**

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

VPN > Add IPsec

**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

- **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

- **Certificate Management**

Added features of certificate management.

Profiles > Add Certificate

Type:  CA Certificate  Certificate

\* Name:  Supports 1-64 letters and numbers

Key Length:

Digest Algorithm:

\* Expiration (D):  1-999999 numbers

SAN:  None  IP Address  Domain

Country/Region:

\* State/Province:

\* City:

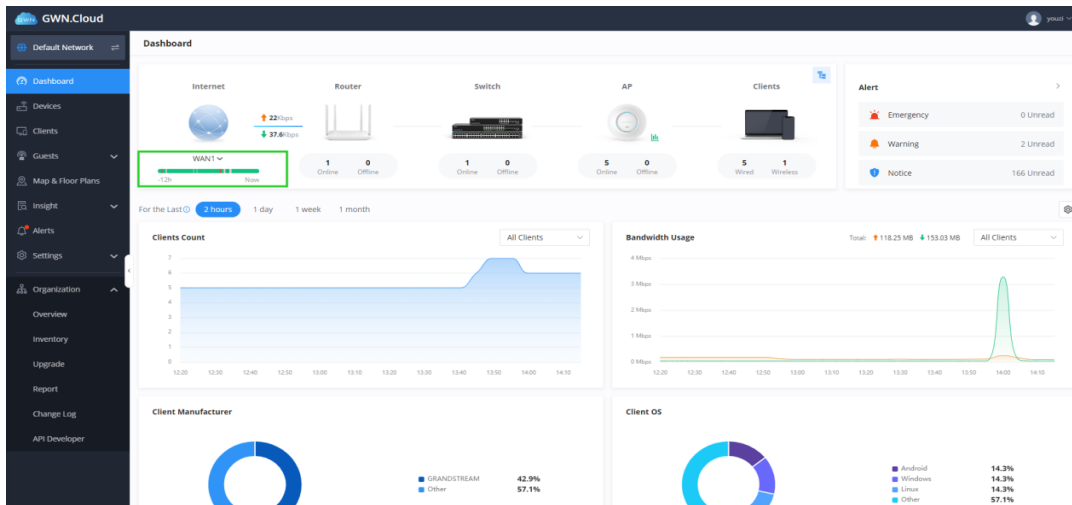
\* Organization:

\* 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	<div style="width: 100%; height: 10px; background-color: green;"></div> -12h Now	⚙️
WAN2-yyzhao	7062-7574 C0:74:AD:7C:75:74	LAN4/WAN	C0:74:AD:7C:75:77	Obtain IP Automatically (DHCP)	-	-	<div style="width: 100%; height: 10px; background-color: gray;"></div> -12h Now	⚙️ 🗑️

- Cloud DDNS**

Added the ability for Cloud DDNS service to automatically generate domain names.

Internet > WAN1 Sync

Tracking IP Address 2:

VLAN Tag:

Multiple Public IP Addresses:

**IPv6**

IPv6:

**DDNS**

DDNS:

**Cloud DDNS**

\* Domain:   
Update Copy

**DMZ**

Destination Group:

DMZ Hostname IP:  The DMZ Hostname IP cannot be the same as the WAN's

**UPnP**

UPnP:

- 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

\* IPv4 Address/Prefix Length

Prefix length range 8-30

/

IPv6

- **Portal Policy**

Added managed router Portal Policy feature.

Profiles > Add Portal Policy

* Name	<input type="text"/>	1-64 characters					
Splash page	<input type="text" value="Internal"/>						
* Client Expiration	<input type="text" value="0"/> day(s) <input type="text" value="0"/> hour(s) <input type="text" value="0"/> minute(s)						
Client Idle Timeout	<input type="text"/>	5-1440 numbers					
Failsafe Mode	<input type="checkbox"/>						
Daily Limit	<input type="text" value="Disabled"/>						
* Splash Page Customization	<input type="text" value="pwd"/>						
Landing Page	<input type="text" value="Redirect to the original URL"/>						
Enable HTTPS Redirection	<input type="checkbox"/>						
Enable Secure Portal	<input type="checkbox"/>						
Pre Authentication Rule(s)	<table border="0"> <tr> <td>Destination</td> <td><input type="text" value="Select Destination"/></td> <td>Service</td> <td><input type="text" value="Select Service"/></td> <td><input type="button" value="-"/></td> </tr> </table>	Destination	<input type="text" value="Select Destination"/>	Service	<input type="text" value="Select Service"/>	<input type="button" value="-"/>	
Destination	<input type="text" value="Select Destination"/>	Service	<input type="text" value="Select Service"/>	<input type="button" value="-"/>			
		<input type="button" value="Add New Authentication Rule +"/>					
Post Authentication Rule Type	<input type="text" value="Blocklist"/>						
Post Authentication Rule(s)	<table border="0"> <tr> <td>Destination</td> <td><input type="text"/></td> <td>Service</td> <td><input type="text"/></td> <td><input type="button" value="-"/></td> </tr> </table>	Destination	<input type="text"/>	Service	<input type="text"/>	<input type="button" value="-"/>	
Destination	<input type="text"/>	Service	<input type="text"/>	<input type="button" value="-"/>			
	<input type="button" value="Cancel"/>	<input type="button" value="Save"/>					

- **Policy Route**

Added policy route feature.

Traffic Management > Add Policy Route

* Name	<input type="text"/>	1-64 characters
Status	<input type="checkbox"/>	
IP Family	<input checked="" type="radio"/> IPv4	
Protocol Type	<input type="text" value="All"/>	
* Router	<input type="text" value="7062-7574(C0:74:AD:7C:75:74)"/>	
* Source Group	<input type="text" value="All"/>	
Source IP Address/Mask Length	<input type="text"/> / <input type="text"/>	
Destination IP address/mask length	<input type="text"/> / <input type="text"/>	
* Internet Source	<input type="text" value="Select"/>	
Schedule	<input type="text" value="None"/>	
	<input type="button" value="Cancel"/>	<input type="button" value="Save"/>

- **Client List**

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

Clients

Export	Now Online										All Clients	Q MAC/SSID/IP
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-TDIN07K 84:5CF37A: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.cloud

### 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.cloud

### **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.cloud/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.cloud

### **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.cloud/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