

GWN7000 Firmware Release Note

IMPORTANT UPGRADING NOTE

- If your GWN7000 has firmware version lower than 1.0.2.62 (1.0.2.62 not included), please refer to the beta forum upgrade guide or contact tech support for upgrading assistance.

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FIRMWARE VERSION 1.0.2.75

PRODUCT NAME

GWN7000

DATE

6/20/2017

IMPORTANT UPGRADING NOTE

ENHANCEMENT

- Added support for Captive Portal
GWN76xx Access Point is required for this feature.
- Added support for 802.11k/r (Enable Voice Enterprise)
GWN76xx Access Point is required for this feature.
- Added support for Select band per SSID
GWN76xx Access Point is required for this feature.
- Added support for Selectively enable b/g/n
GWN76xx Access Point is required for this feature.
- Added support for Exact Radio Power Configuration in dBm
GWN76xx Access Point is required for this feature.
- Added support for AP locating by blinking LED
GWN76xx Access Point is required for this feature.
- Added support for Per-Client/Per-SSID bandwidth management
GWN76xx Access Point is required for this feature.
- Added support for Limit client count per SSID
GWN76xx Access Point is required for this feature.
- Added support for Slave AP LED control.
GWN76xx Access Point is required for this feature.
- Added support for WIFI schedule
GWN76xx Access Point is required for this feature.

Added support for

- Enabling/Disabling DHCP option 66 for firmware upgrade

Note:

For All new features that require GWN76xx AP, they require the slave AP to use matching firmware.
For GWN7610, please use firmware 1.0.3.19 or higher version.

BUG FIX

- Internal bug fixes

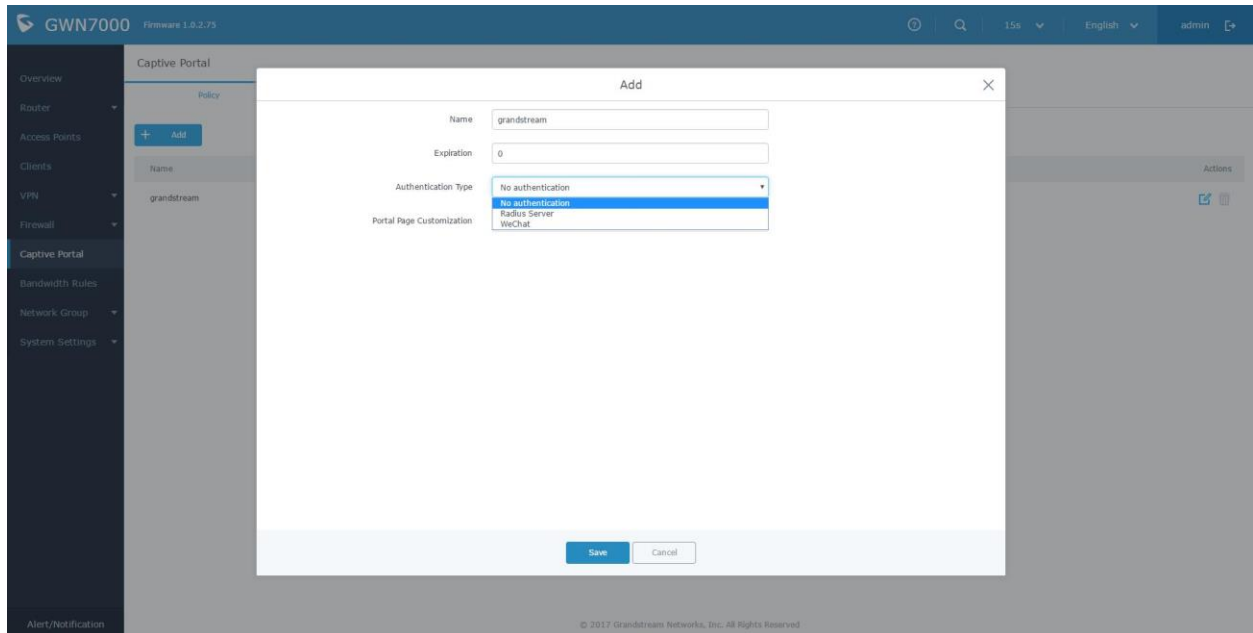
KNOWN ISSUE

- Site-to-Site VPN has configuration issue, which causes one directional routing problem.
- Enabling both L2TP/IPsec VPN and QoS has low probability that QoS configuration may lost when applying the configuration on web.
- Banned Band steering feature still affect wireless Black/White/Banned client list feature. Please use Band steering or Black/White/Banned client list feature exclusively.

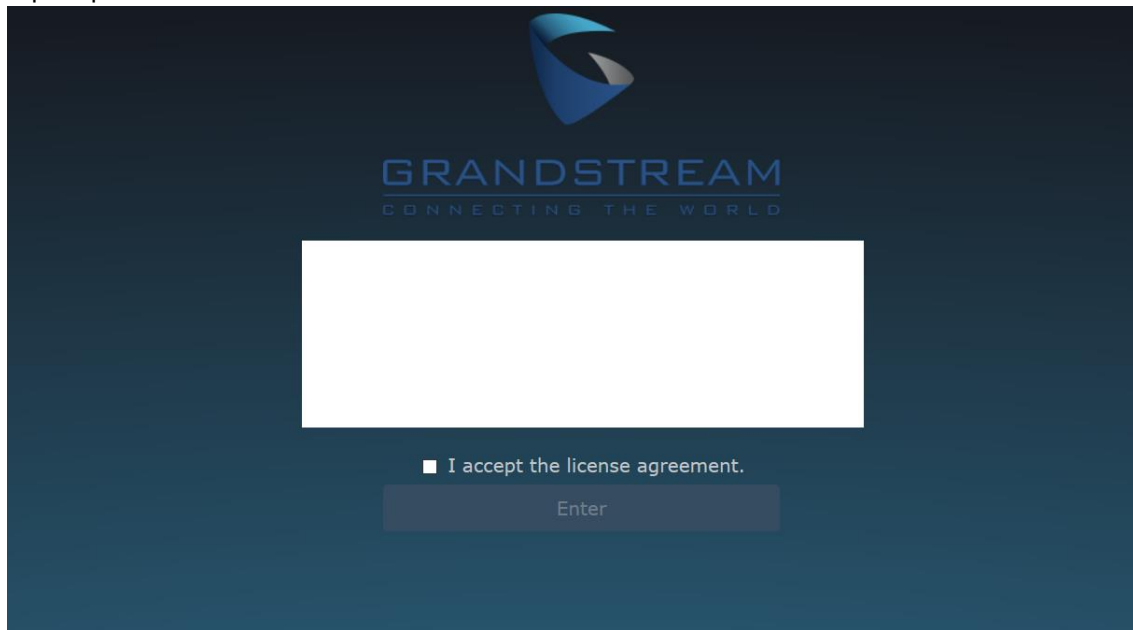
NEW FEATURES OVERVIEW

- Captive Portal







Captive portal is supported in 1.0.2.75 now. We have 3 modes for authentication (No / Radius / WeChat) and customizable page.



Captive portal:



- AP locating by blinking LED

Device Type	Name/MAC	IP Address	Status	Uptime	Firmware	Actions
GWN7610	00:0B:82:97:90:8C	192.168.1.146	Master	1d 16h 3m 1s	1.0.3.15	  
GWN7610	00:0B:82:8B:4E:1C	192.168.1.21	Online	1d 16h 6m 15s	1.0.3.15	   <small>Locate the device</small>

Now, when you can't match your AP list on web with your real AP deployment in the field, this feature will help you to find your AP.

- 802.11k/r (Enable Voice Enterprise)
Configuration available at Network Group->Add/Edit->WiFi-> **Enable Voice Enterprise**.
- Select band per SSID
Configuration available at Network Group->Add/Edit->WiFi-> **SSID band**.
- Selectively enable b/g/n
Configuration available at Access Point->Edit->Configuration-> **Mode (2.4G)**.
- Exact Radio Power Configuration in dBm
Configuration available at Access Point->Edit->Configuration-> **Custom 2.4GHz Wireless Power (dBm)**.
- Per-Client/Per-SSID bandwidth management
Configuration available at

Per-SSID: Network Group->Add/Edit->WiFi-> **Upstream Rate / Downstream Rate.**

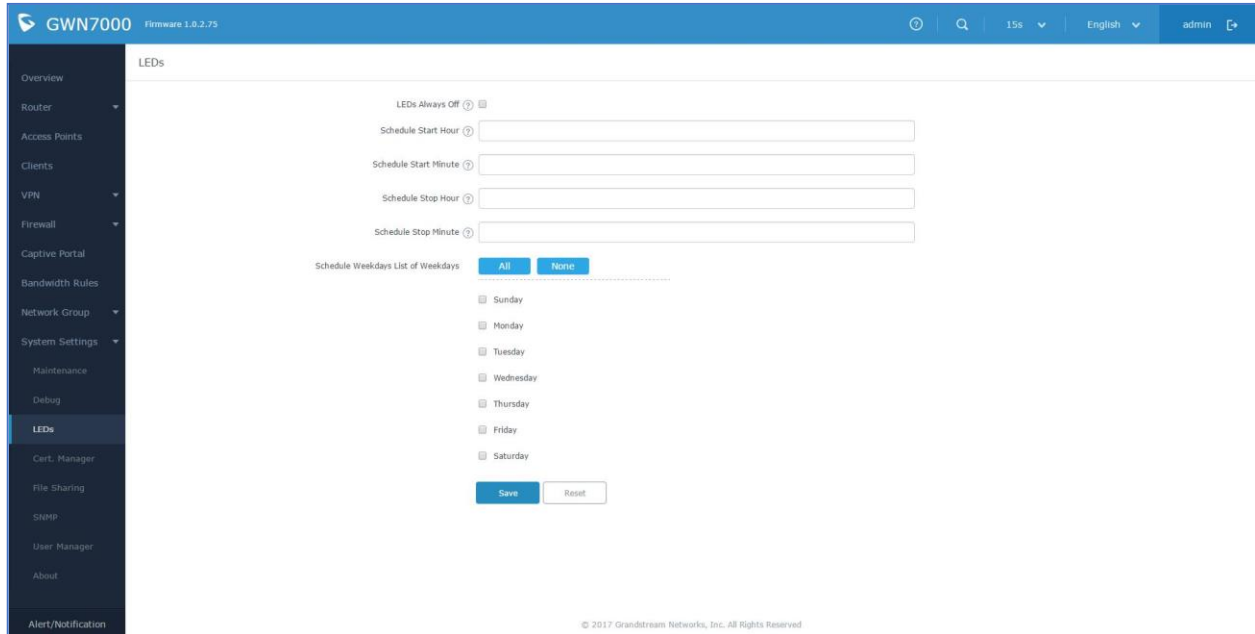
Per-Client: Client->Edit->Bandwidth Rules-> Add new item.

- Limit client count per SSID

Configuration available at Network Group->Add/Edit->WiFi-> **Wireless Client Limit.**

- Slave AP LED control.

User can define the LED on/off schedule in following page.



The screenshot shows the 'LEDs' configuration page in the Grandstream GWN7000 web interface. The page has a blue header with the device name 'GWN7000' and firmware version '1.0.2.75'. A sidebar on the left contains navigation options like 'Overview', 'Router', 'Access Points', 'Clients', 'VPN', 'Firewall', 'Captive Portal', 'Bandwidth Rules', 'Network Group', 'System Settings', 'Maintenance', 'Debug', 'LEDs', 'Cert. Manager', 'File Sharing', 'SNMP', 'User Manager', 'About', and 'Alert/Notification'. The main content area is titled 'LEDs' and contains the following configuration options:

- LEDs Always Off**: A checkbox with a help icon.
- Schedule Start Hour**: A text input field.
- Schedule Start Minute**: A text input field.
- Schedule Stop Hour**: A text input field.
- Schedule Stop Minute**: A text input field.
- Schedule Weekdays List of Weekdays**: Two buttons, 'All' and 'None', followed by a list of days from Sunday to Saturday, each with a checkbox.
- Save** and **Reset** buttons.

At the bottom of the page, there is a copyright notice: '© 2017 Grandstream Networks, Inc. All Rights Reserved'.

- WIFI schedule

You can configure WIFI on/off schedule under Network Group->Edit->Schedule

✕

BasicWi-FiDevice MembershipSchedule

Enable Wireless Schedule

Sunday

Schedule Start Time :
The field should not be empty

Schedule End Time :
The field should not be empty

Monday

Tuesday

Wednesday

Thursday

Friday

Saturday

SaveCancel

- Enabling/Disabling DHCP option 66 for firmware upgrade
Configuration available at System Settings->Maintenance->Upgrade-> **Allow DHCP options 66 and 43 override.**

FIRMWARE VERSION 1.0.2.71

PRODUCT NAME

GWN7000

DATE

3/15/2017

IMPORTANT UPGRADING NOTE

- **If your GWN7000 has firmware below 1.0.2.62 (1.0.2.62 not included), please refer to the beta forum upgrade guide or contact tech support for upgrade assistant.**

NOTE

This is the initial official release of GWN7000.