GWN70xx Wireless Router Firmware Release Notes

IMPORTANT UPGRADING NOTE

1. **GWN70xx 1.0.9.42 requires GWN Manager version to be at least 1.1.28.27 or newer.**
2. Downgrading from firmware 1.0.9.x or higher version to 1.0.7.x or lower version will cause device to perform factory reset automatically. All device configurations will be reset to factory default settings after downgrading.

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FIRMWARE FILE DOWNLOAD

Individual firmware files are available for downloading at URL below:

https://www.grandstream.com/support/firmware

FIRMWARE VERSION 1.0.9.51

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

8/8/2024

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 3c26b3ac00aea9c300c05faf89221208

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 2270289f1963fdea586d3ef3c9cb598e

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: 354f7a0d4043614593029dd41605d328

CHANGES/ENHANCEMENT

- Internal bug fixes.

FIRMWARE VERSION 1.0.9.50

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

7/30/2024

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: e00109947ec4b9d261fcc9d471f5d1fa

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 68cbfd47f4bb3460dbb35c06eda30d37

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: 4c549085438a66c54ba8e1d2b36f1597

CHANGES/ENHANCEMENT

- Added support for ISP locking feature.
- Fixed issue that user configured tracking IP does not take effect.
- Internal bug fixes.

FIRMWARE VERSION 1.0.9.45

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

7/15/2024

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 14af89ea266c9fe6d7e40f2f9fb38bf0

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 43d1dec3915fa54db5476816d178136f

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: 21bd72a41067fa66c62ca1e1035e75c3

CHANGES/ENHANCEMENT

- Optimized Manager Layer 2 discovery that new access devices require password authorization.
- Enabled TR069 by default
- Supported WAN VLAN tag lockout.
- Added 2 prompts for TR069 ACS-URL.
- Internal bug fixes.

FIRMWARE VERSION 1.0.9.42

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

6/24/2024

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: f3ea3d18a4a236cf9bd1c7b683341c02

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: eed5f91d86c471be71c204870028511f

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: 1644ef290c230a978e166bdeda246e89

CHANGES/ENHANCEMENT

- Internal bug fixes

FIRMWARE VERSION 1.0.9.37

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

4/1/2024

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: ef6754baaedef7c4eb66ecf3abacee2d

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 3eaed1619354f3c61f22bb8ffaf71ee1

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: 93f94571e4a5bdd076efb8acf289de40

CHANGES/ENHANCEMENT

- Internal bug fixes

FIRMWARE VERSION 1.0.9.34

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

1/12/2024

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 585ee63c4a921c8663c7fa381c5f745a

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 408aec3afbcee3a6591ef75996470da8

- GWN7052F Firmware file name: gwn7052ffw.bin

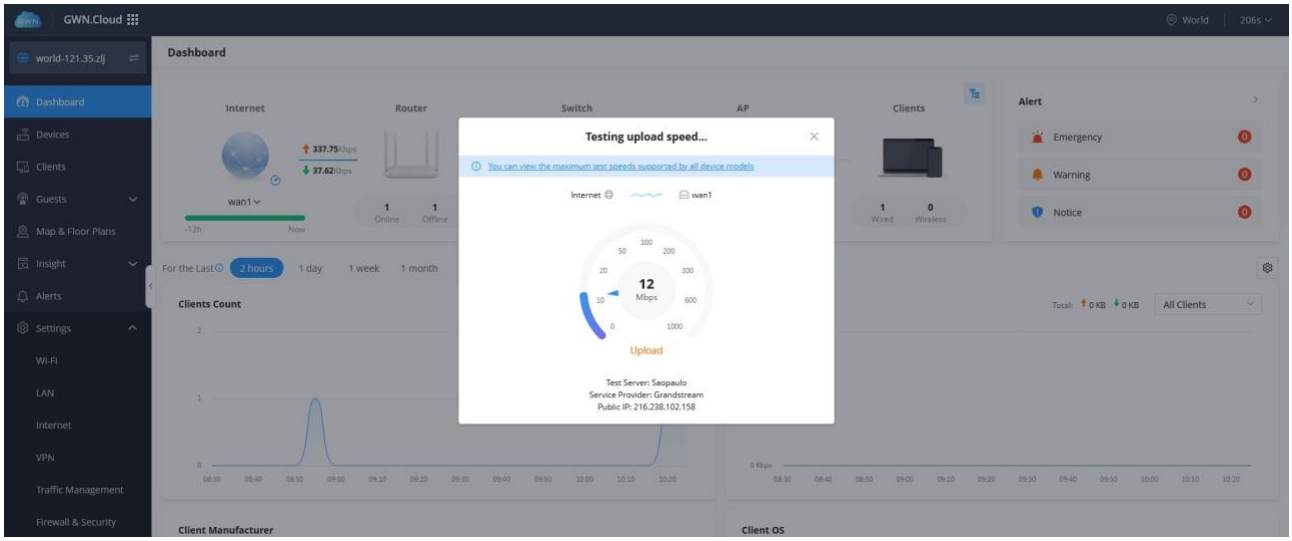
  MD5 checksum: 86cab22f806374919fea40f9cc1439bc

CHANGES/ENHANCEMENT

- Added the new feature of **Speed test**
- Added the new feature of **ISP default configuration**
- Internal bug fixes

NEW FEATURE OVERVIEW

- **Speed test**



- **ISP default configuration**

  With the provided gs configuration tool, administrators can provision an ISP default configuration to the router. After provisioning, by performing factory reset, the device will restore to the customized default configuration other than he original factory default.

FIRMWARE VERSION 1.0.9.15

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

12/15/2023

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 02241fb65514c394e66a103a5e5b8050

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 8dee45da1dcc7e555dba97244a47f40c

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: e7ab0fd20ad80e31834ca67eaa1e9f68

CHANGES/ENHANCEMENT

- Fixed an OpenVPN certificate issue from upgrading unit from 1.0.7.x to 1.0.9.9(10).
- Internal bug fixes.

FIRMWARE VERSION 1.0.9.10 (1.0.9.9)

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

10/23/2023

FIRMWARE FILE INFORMATION

- GWN7062(1.0.9.10) Firmware file name: gwn7062fw.bin

  MD5 checksum: 5e5ca5e7542851b291e6c9e6ae0712ba
- GWN7052(1.0.9.10) Firmware file name: gwn7052fw.bin

  MD5 checksum: 1bc8dbef492c0587988a034f407dd268
- GWN7052F(1.0.9.9) Firmware file name: gwn7052ffw.bin

  MD5 checksum: 227d4a06871a2c3be417eb228f973f8a

CHANGES/ENHANCEMENT

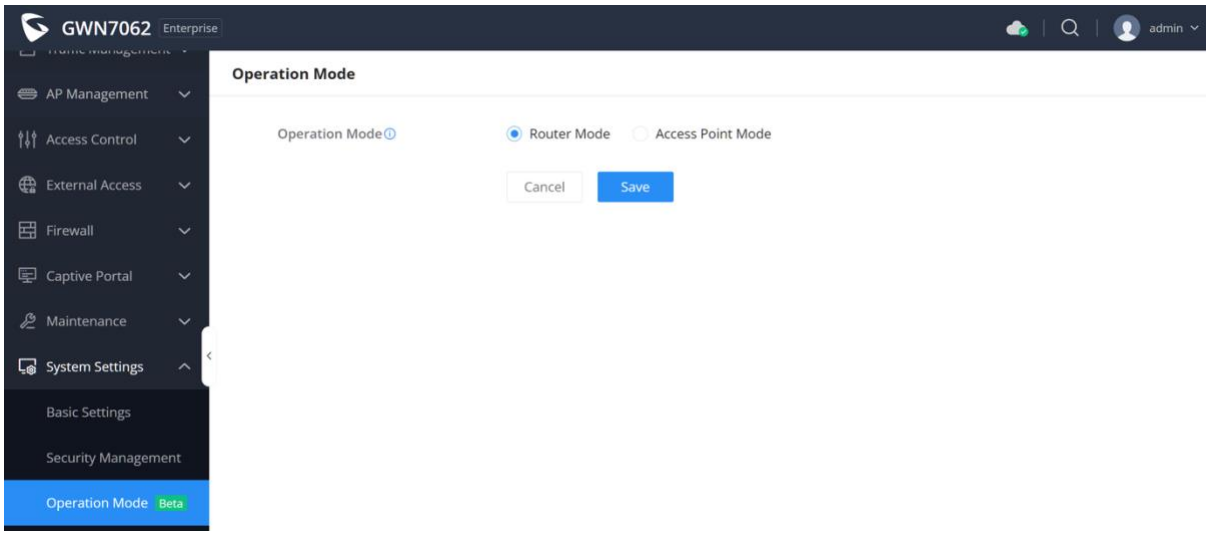
- Changed to new GWN router UI
- Added new feature of **AP Mode**
- Added new feature of **DoS Defense**
- Added new feature of **Spoofing Defense**
- Added new feature of **IGMP**
- Added new feature of Policy Routing: **ICMP** and **Schedule**
- Added new feature of **HostName** access
- Added new feature of **USB: 4G Dongle**(GWN7062 only)
- Added new feature of DHCP Option Optimization & **Option 43 Service List**
- Added new feature of **Alert**
- Added new feature of **Triple Play**

- Added new feature of **Bandwidth Limit**
- Added new feature of **Vouchers**
- Added new feature of **WireGuard®**
- Added new feature of **mDNS Bonjour**
- Added new feature of **Static IP binding by client ID**
- Added new feature of **TR069**
- Added new feature of **PPSK**
- Added support of 2.4G & 5G custom channel
- Added support of discovering APs across VLANs
- Added support of GWN Menu
- Added support of more Cloud Features: Portal, VPN, Policy Routing, Modifying web Password, Certification management, WAN Health, WAN VLAN Priority, Event: Client Authentication Information, Global Blacklist
- Optimized feature as enabling CH12 and CH13 in the 2.4G band for New Zealand

NEW FEATURE OVERVIEW

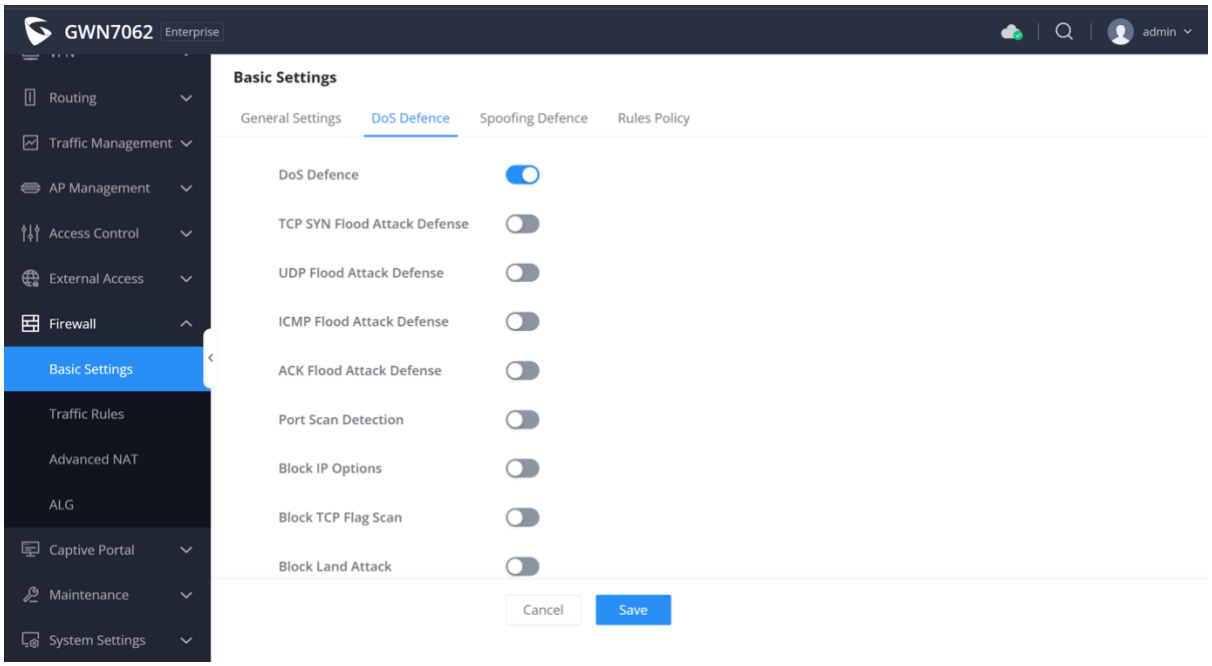
- **AP Mode**

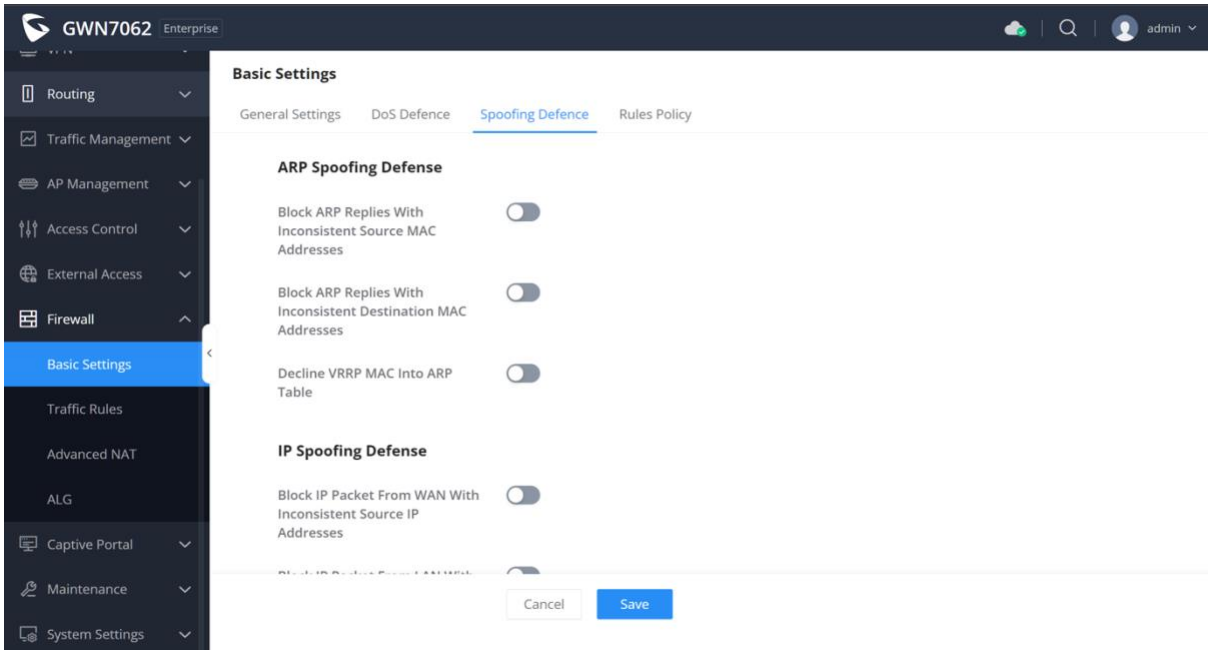
  Now GWN wireless router can change its Operation Mode between **Router** vs **Access Point**. The default is Router mode. Access Point mode will allow router to become a MESH RE-AP, in order to form MESH with other GWN CAP or wireless router.



- **Firewall - DoS Defense & Spoofing Defense**

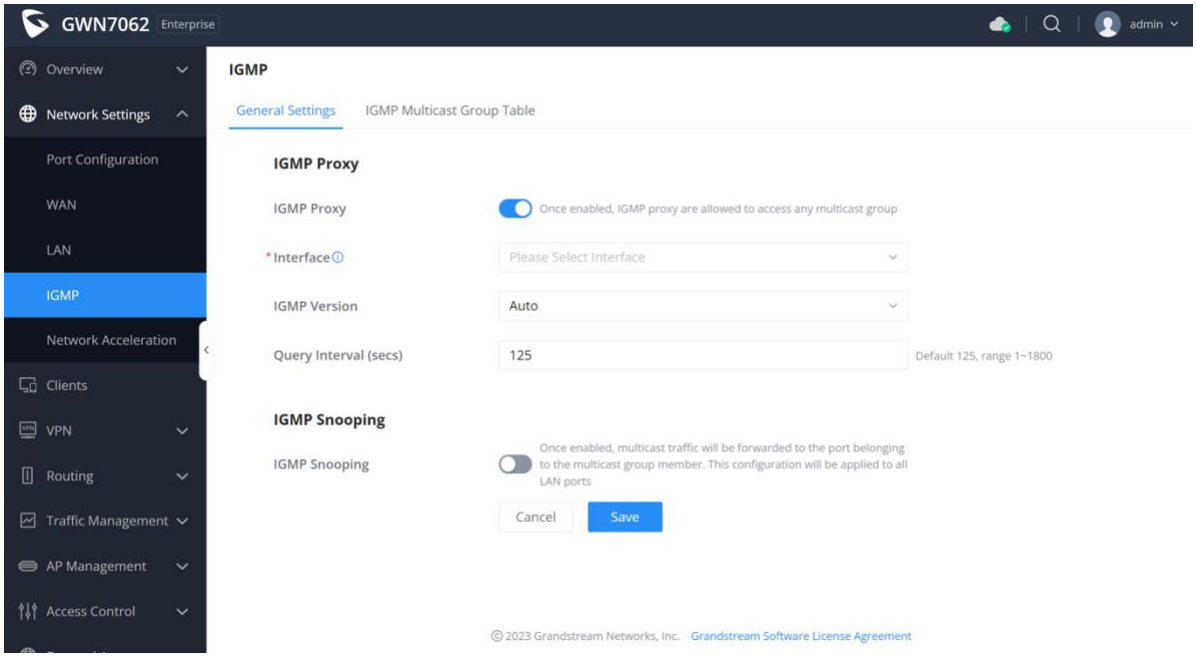
  Added more firewall defense features





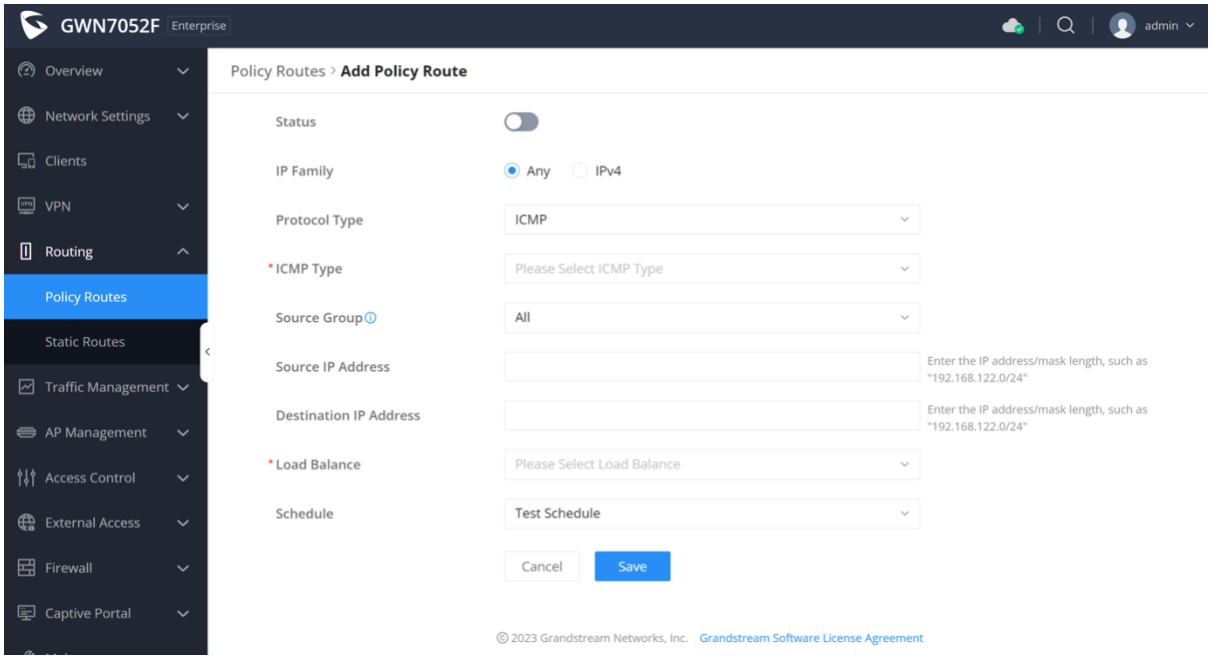
- **IGMP**

  Support IGMP proxy and IGMP snooping settings.



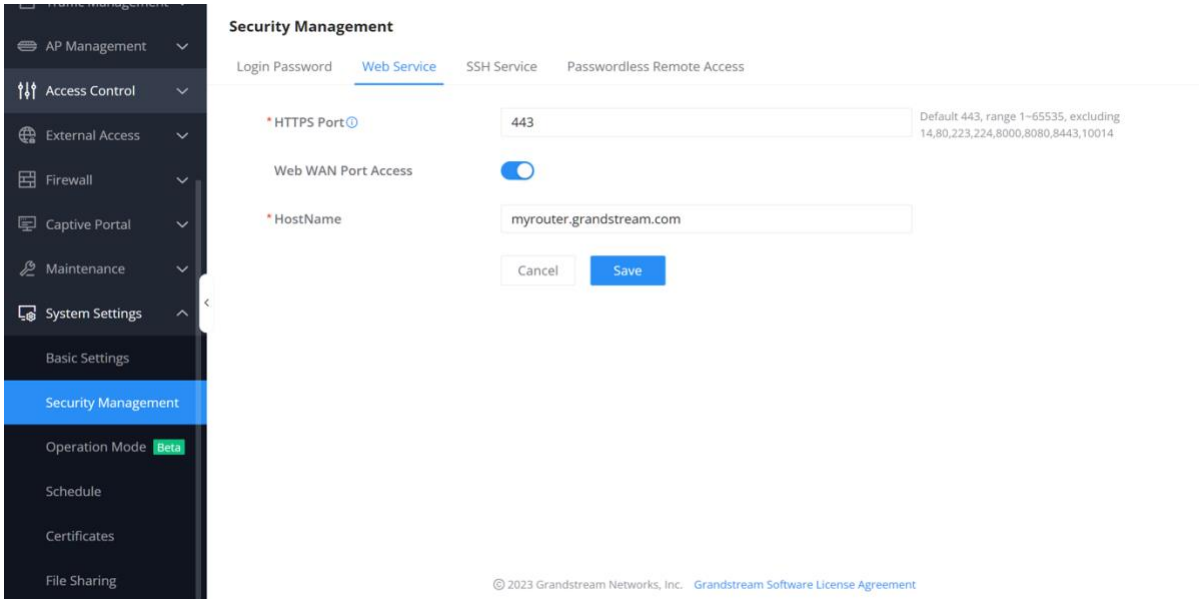
- Policy Routing: **ICMP** & **Schedule**

  Added **ICMP** to protocol type and added **Schedule** to manage policy route.



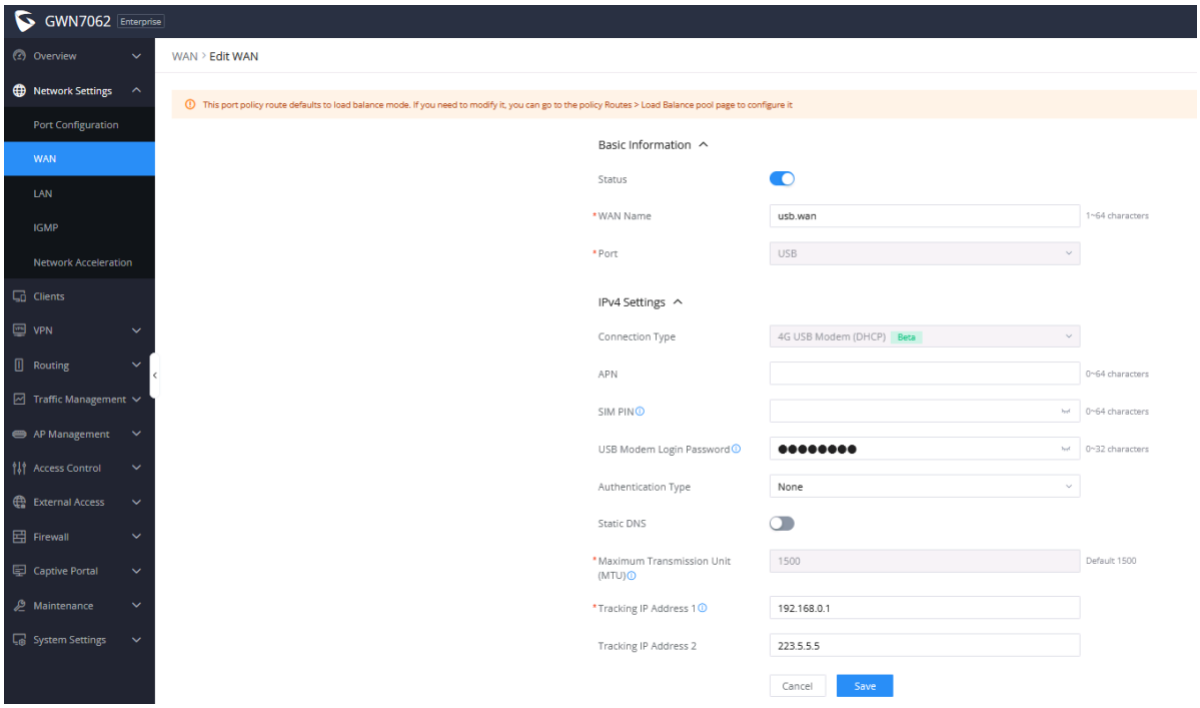
- **HostName Access**

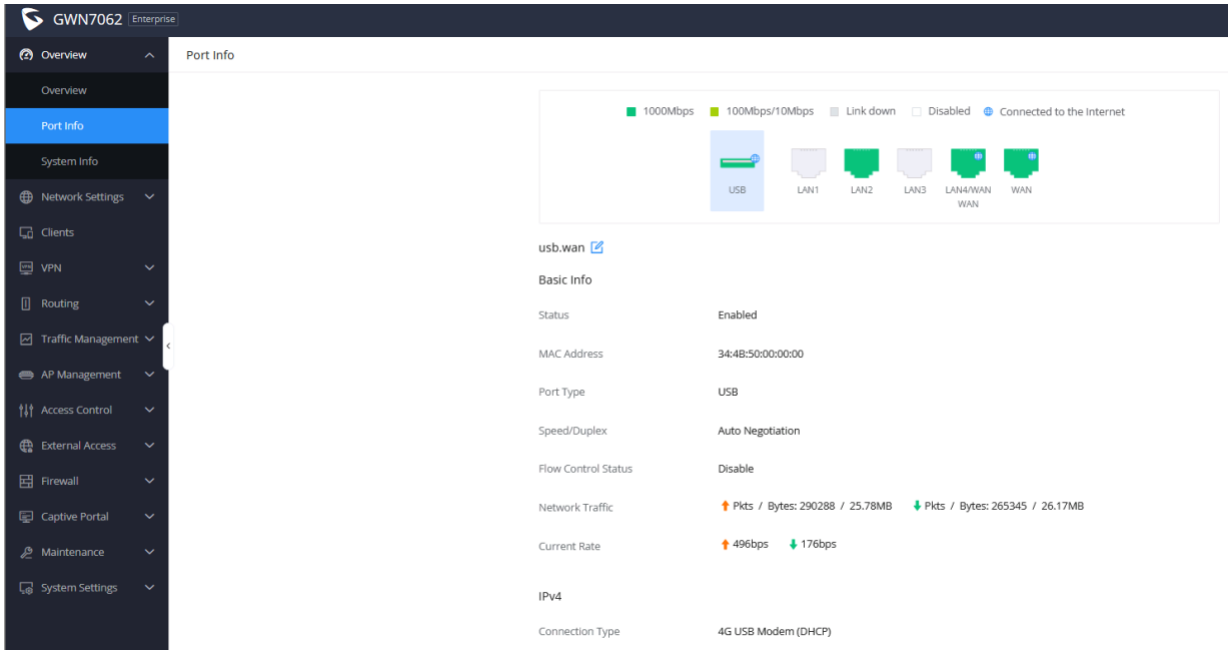
  This will allow local users to use configured hostname to access router web portal.



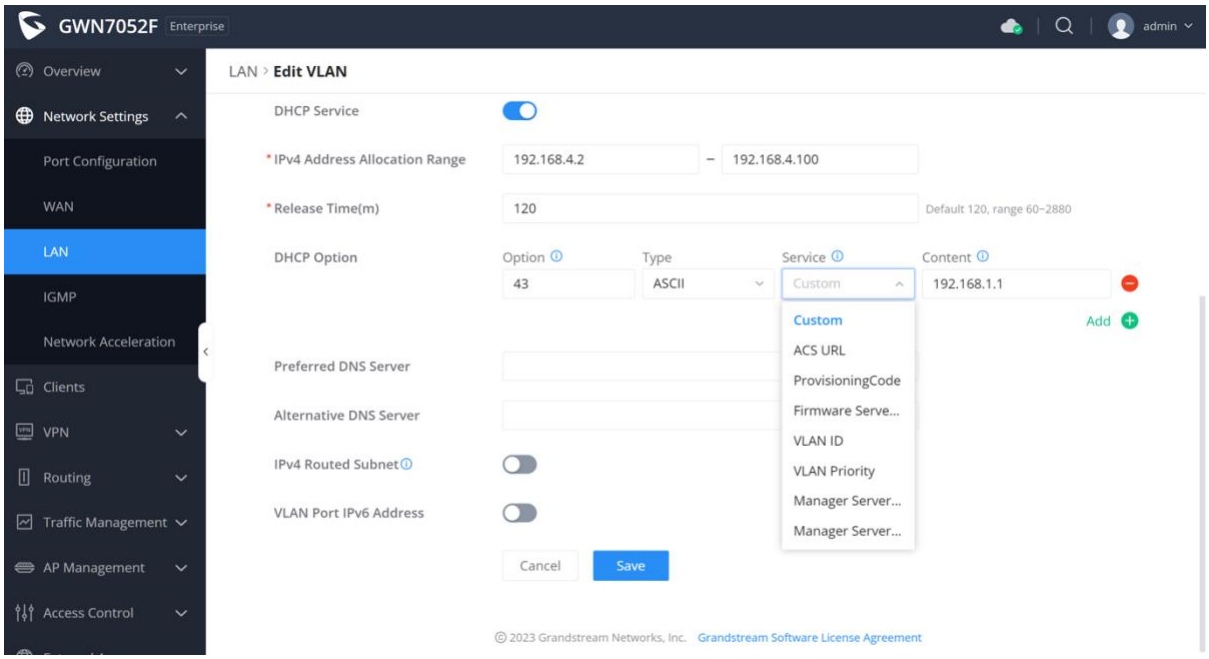
- **USB: 4G Dongle**

  After insert 4G USB dongle, user will be able to see the 4G USB modem option as below:

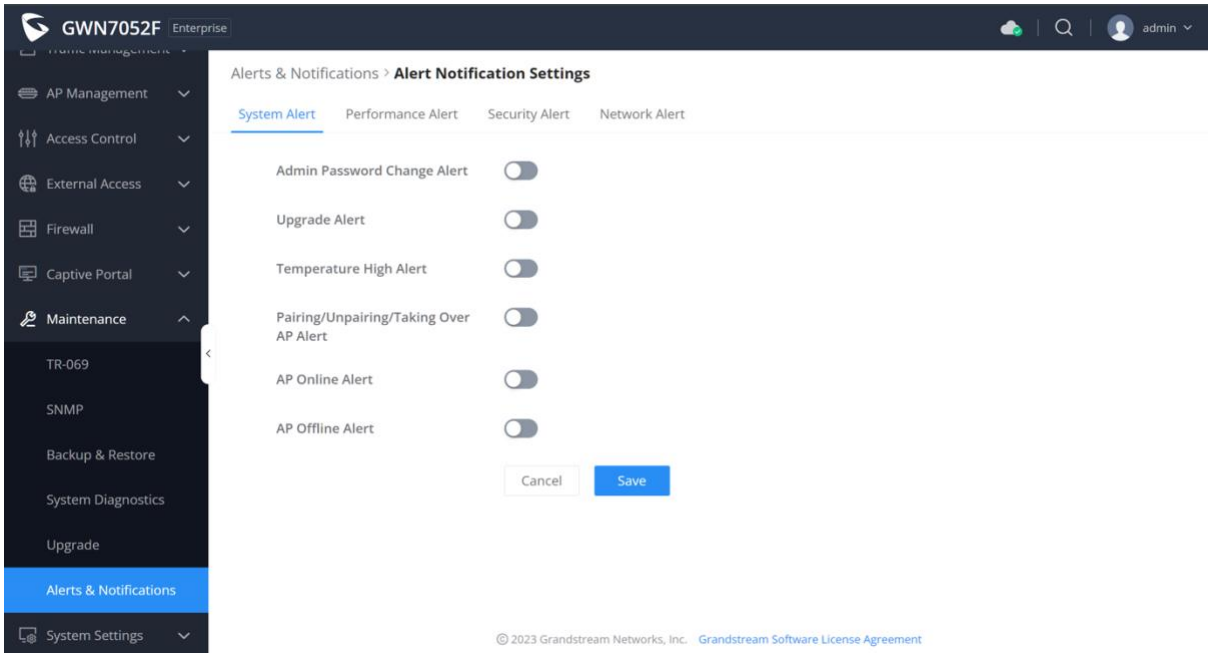




- **DHCP Option Optimization & Option 43 Service List**

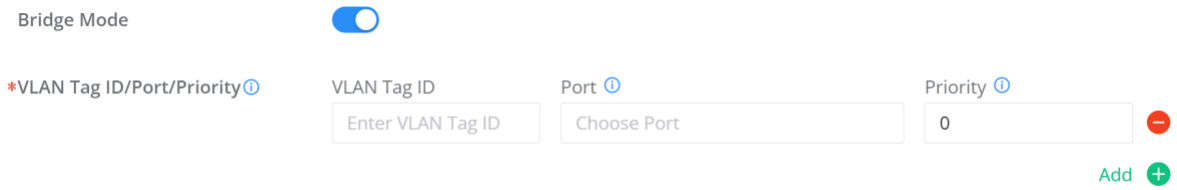


- **Alert**

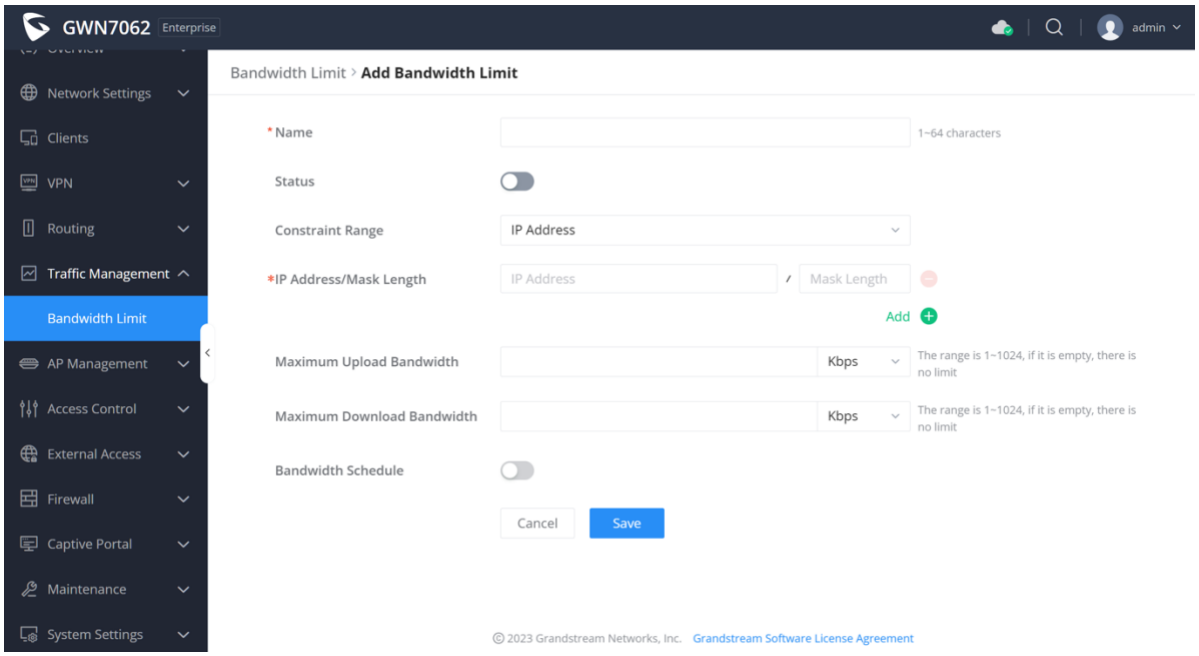


- **Triple Play**

  Configuration is available at Network Settings → WAN → Edit WAN



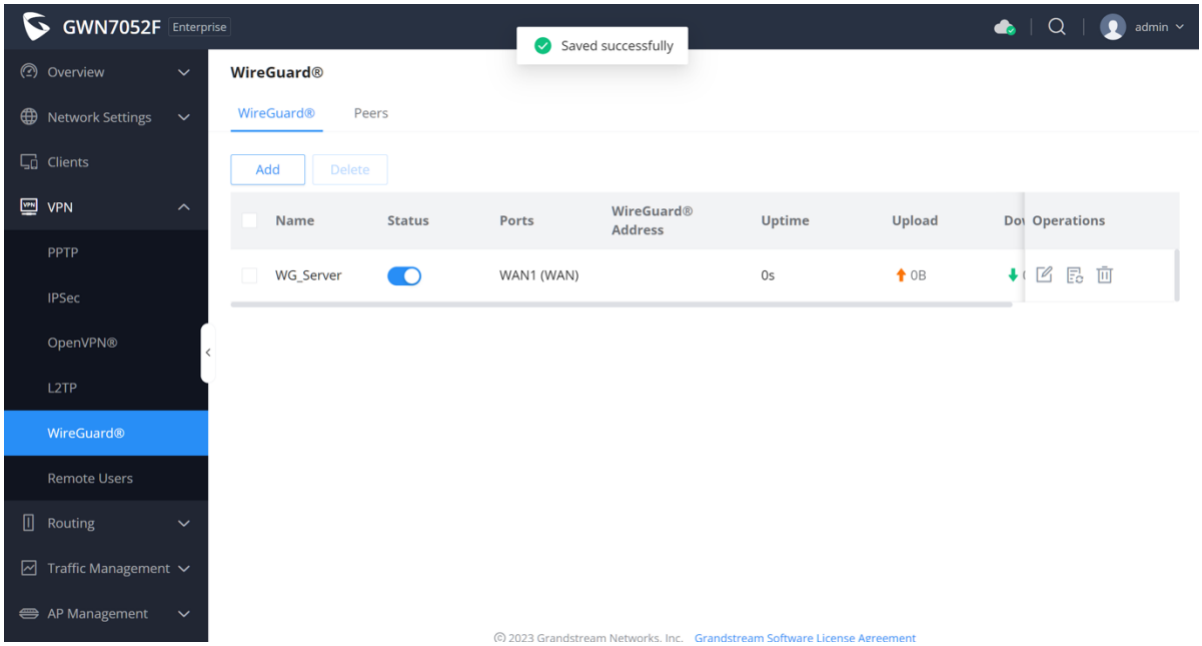
- **Bandwidth Limit**



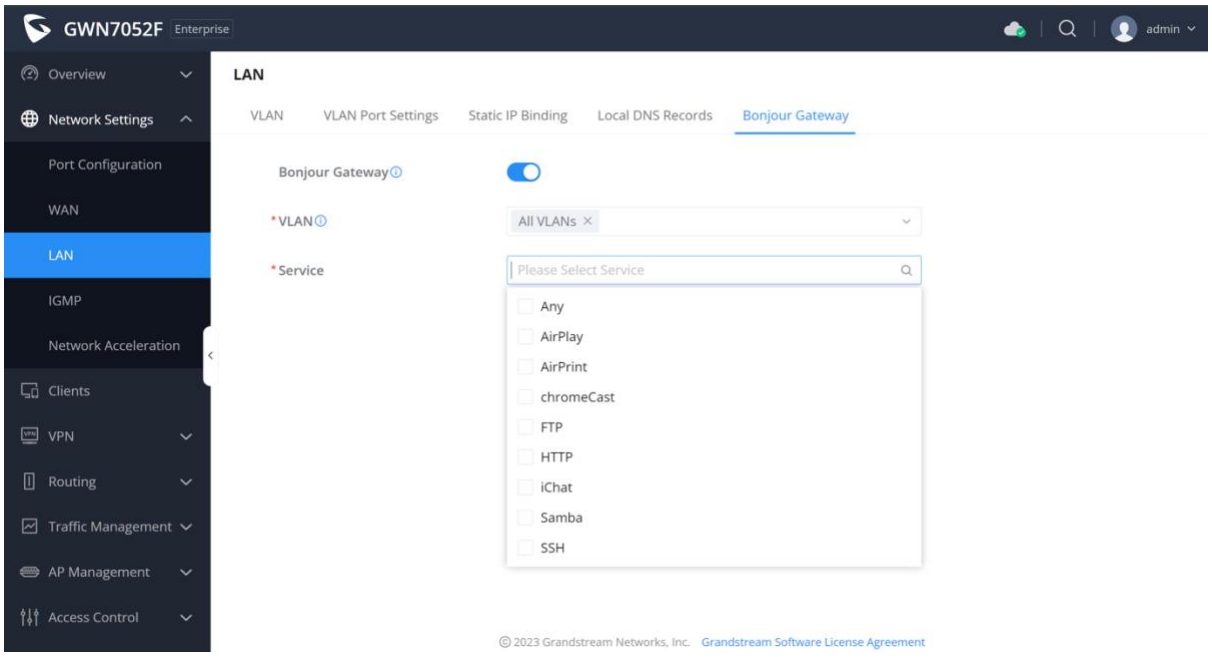
- **Vouchers**

  Configuration is available at Captive Portal → Vouchers

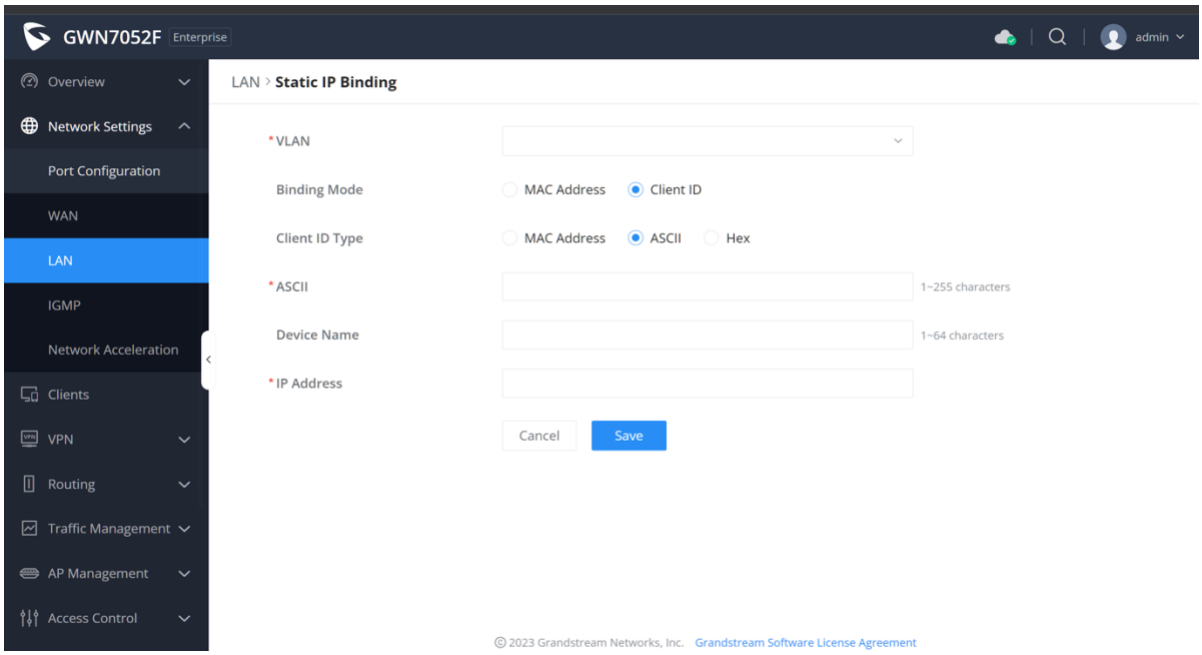
- **WireGuard®**



- **mDNS Bonjour**



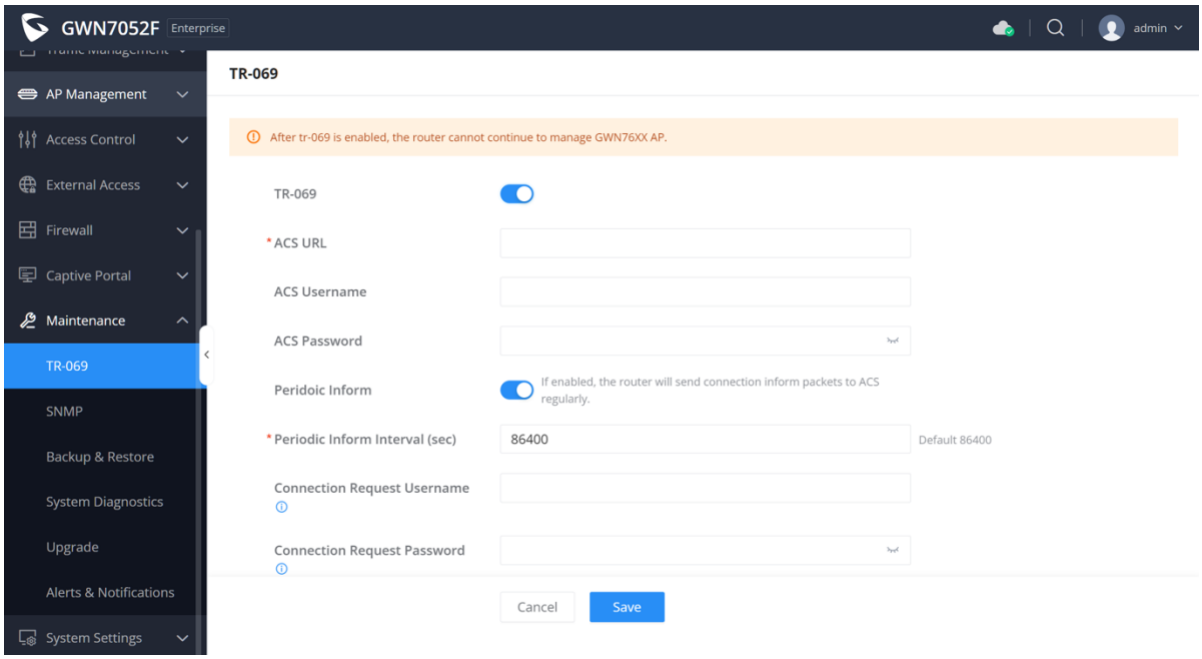
- **Static IP binding by client ID**



- **PPSK**

  Configuration is available at AP Managerment → PPSK

- **TR069**



FIRMWARE VERSION 1.0.7.2

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

6/19/2023

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 7d9ddc8d92370c3b8db4f9e4deb3aa19

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 7a097966e45cbc70a6e4e3a215cf6c8c

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: 310f5da6b2a808e80b46b1649dc24eec

CHANGES/ENHANCEMENT

- Fixed an issue that causes GWN7052F 5G radio low bandwidth when acceleration is disabled.
- Fixed an issue that causes remote access from GWN.Cloud fails
- Fixed an issue that causes network loop in multiple VLAN configurations
- Fixed an issue that client speed limit does not take effect after restoring the router configuration
- Fixed an issue that DHCP option Hex format does not take effect
- Fixed an issue that DHCP option ASCII format does not take effect if configured without quote
- Fixed an issue that causes wireless client downlink real speed and rate display mismatch
- Fixed an issue that changing single band to dual on GWN.Cloud leads to missing SSID description
- Fixed an issue that dhcp option type display "1" after upgrade firmware from 1.0.4.x to 1.0.7.1
- Fixed a display issue of network acceleration's mouseover tooltip
- Other bug fixes

FIRMWARE VERSION 1.0.7.1

PRODUCT NAME

GWN7062 / GWN7052 / GWN7052F

DATE

5/22/2023

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 7e87f50b4826866ded05b585deabc6d8

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 4234f6ce7eeb2d6cddef5f36ded6b420

- GWN7052F Firmware file name: gwn7052ffw.bin

  MD5 checksum: cb0d91b8532574a98d078f154e120bfe

CHANGES/ENHANCEMENT

- Added new feature of GWN.Manager layer 2 discovery
- Added new feature of importing configurations files across different devices of the same model
- Added support of Cloud/Manager connection detection
- Added support of locking country code through Grandstream GAPS
- Optimized the DHCP option UI configuration format
- Fixed an issue of out of memory causing restart when hardware acceleration is enabled in GWN7062
- Fixed some configuration compatibility issues for cloud management
- Fixed an issue that syslog cannot be downloaded via gwnmenu
- Fixed an internal crash issue
- Changed the UI restriction to allow the gateway address to be within the DHCP pool
- Other bug fixes

FIRMWARE VERSION 1.0.5.44

PRODUCT NAME

GWN7062 / GWN7052

DATE

3/6/2023

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: e79b587ac220c634757f0426ed1e9845

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: ec408284e28d30e3ba0a2124069da102

CHANGES/ENHANCEMENT

- Added support of Mesh as CAP feature when managed by GWN.Cloud/GWN.Manager
- Internal bug fixes

FIRMWARE VERSION 1.0.5.38

PRODUCT NAME

GWN7062 / GWN7052

DATE

1/10/2023

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 86167cde0df080a43ba7021968489546

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: b4b6d9232af999bad6583d5d6137e93c

CHANGES/ENHANCEMENT

- Internal bug fixes

FIRMWARE VERSION 1.0.5.34

PRODUCT NAME

GWN7062 / GWN7052

DATE

12/22/2022

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 4c93665763caca56c8c3e11af83e6995

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: a733d3e54646b1c298b8e4f23f41ad66

CHANGES/ENHANCEMENT

- Added support for new GWN Cloud 1.1.23.28
- Added support third layer discovery for GWN Manager
- Optimized the Alert system
- Internal bug fixes

FIRMWARE VERSION 1.0.5.12

PRODUCT NAME

GWN7062 / GWN7052

DATE

10/27/2022

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 18089092e937345d91ae0d38b187ed45

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 3ee377375658f2f2db627e6c37ca6a7a

CHANGES/ENHANCEMENT

- Fixed an issue that Top Clients data may show errors in overview page
- Fixed an issue that client cannot authenticate with the external portal from GWN AP under GWN router
- Fixed an issue that video stream does not present buffering on client from MESH RE AP.
- Fixed an issue that WAN2 web access may show 404.
- Fixed an issue that causes router to crash in long term throughput test.
- Some internal fixes.

FIRMWARE VERSION 1.0.5.9

PRODUCT NAME

GWN7062 / GWN7052

DATE

10/12/2022

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: 0125f142adf1d356982a0420ca42745a

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: 7d95d0b59ee4ffd0a3913bd4d553a24b

CHANGES/ENHANCEMENT

- Fixed an issue that GWN Router shows offline from Cloud then Internet access is normal.
- Fixed an issue of wrong IPv6 address lifetime.
- Fixed an issue of IPv6 settings provisioning.
- Fixed an issue that core file cannot be downloaded if remote access via GWN Cloud.
- Fixed an issue that the 16th dual-band SSID cannot be changed to 5G only.
- Fixed some issues of AP settings provisioning.
- Fixed an issue that guest page authentication type is incorrect under Captive Portal.
- Changed the web setting to allow port changes even when WAN port web access is closed.
- Some other internal fixes.

[GWN7062] FIRMWARE VERSION 1.0.5.6

PRODUCT NAME

GWN7062

DATE

9/8/2022

FIRMWARE FILE INFORMATION

- GWN7062 Firmware file name: gwn7062fw.bin

  MD5 checksum: cdfe394a060e04d34b384ad9e86a6e58

CHANGES/ENHANCEMENT

- This is the first release of GWN7062
- Note: GWN Cloud support for GWN7062 is only available in form of web tunnel.in current firmware. Full GWN Cloud support will be released in later version.

[GWN7052] FIRMWARE VERSION 1.0.5.5

PRODUCT NAME

GWN7052

DATE

9/8/2022

FIRMWARE FILE INFORMATION

- GWN7052 Firmware file name: gwn7052fw.bin

  MD5 checksum: fe02e415e9e6ddb024a3ec5377bacf82

CHANGES/ENHANCEMENT

- This is the first release of GWN7052
- Note: GWN Cloud support for GWN7052 is only available in form of web tunnel.in current firmware. Full GWN Cloud support will be released in later version.