

GWN76xx Firmware Release Notes

IMPORTANT UPGRADING NOTE

- [9/26/2022] 1.0.23.14 for GWN7624 and GWN7625 has been released to fix the same SSH security bug in 9/19/2022 releases. Affected models are highly suggested to upgrade to the latest firmware.
- [9/19/2022] 1.0.23.6 for GWN7600/7600LR/7610/7660/7660LR/7664/7664LR and 1.0.23.13 for GWN7630/7630LR/7605/7605LR/7615 has been released. An SSH security bug has been fixed since this version. Affected models are highly suggested to upgrade to the latest firmware.

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FIRMWARE FILE DOWNLOAD

Individual firmware files are available for downloading at URL below:

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

[07/13/2026] FIRMWARE VERSION 1.0.27.6

PRODUCT NAME

GWN7660ELR / GWN7665

DATE

07/13/2026

FIRMWARE FILE INFORMATION

- GWN7660ELR Firmware file name: gwn7660elrfw.bin
MD5 checksum: 534a1837b71df1789d6e460c4c1d4f3d
- GWN7665 Firmware file name: gwn7665fw.bin
MD5 checksum: be22c5928f89b5a0dd0507f03fdfa21d

CHANGES/ENHANCEMENT

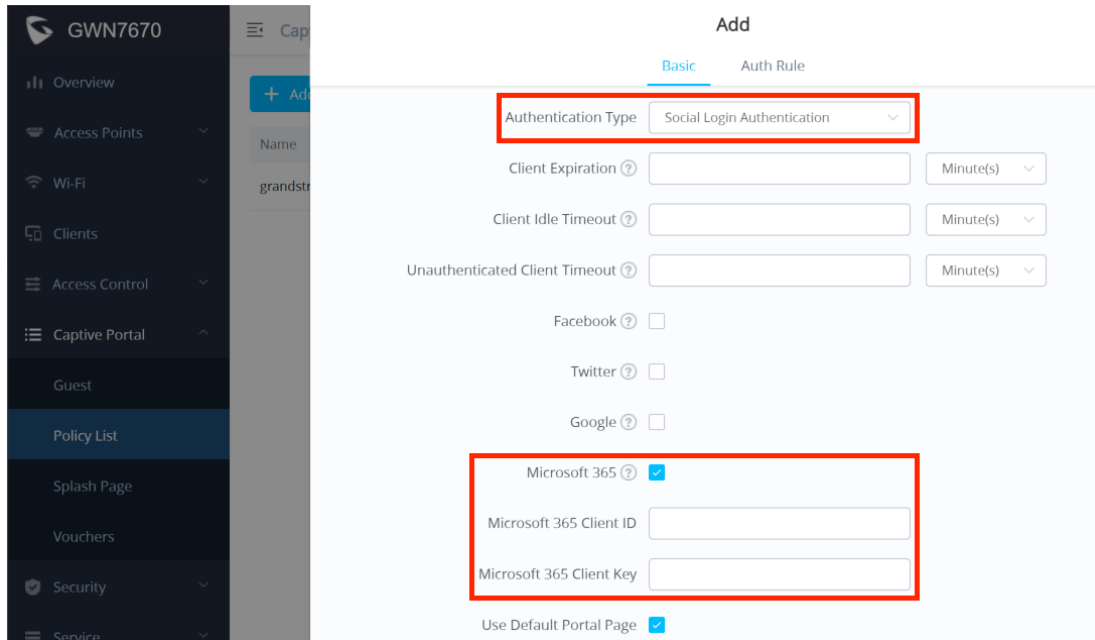
- Fixed IPv6 Router Advertisement isolation on dynamic VLAN and PPSK SSIDs.
- Fixed the AP Web UI retaining the previous IPv6 address after LAN changes.
- Fixed wireless client communication on GWN7665.
- Fixed MAC-Based RADIUS authentication issue.
- Fixed occasional missing VLAN tagging for IPv6 traffic.
- Fixed ineffective RADIUS Accounting Update Interval changes.
- Fixed devices remaining in a blinking blue LED state without being provisioned.
- Fixed random core panic file generation on GWN7664LR after upgrading to firmware 1.0.25.41.
- Fixed a Captive Portal v2 bypass when using Psiphon VPN.
- Added MAC address format configuration for MAC authentication.
- Added System Debug support for Cloud management.
- Added Microsoft 365 authentication support for Captive Portal. **[Microsoft 365 Authentication]**
- Added Wi-Fi extension support.
- Added security version information.
- Optimized One Key Debug with encryption support and renamed it to System Debug. **[One Key Debug]**
- Added packet capture support through the slave AP web interface.
- Added Bluetooth scan reporting for Cloud management.
- Added Diagnosis.
- Added a RADIUS NAS ID configuration option. **[RADIUS NAS ID]**
- Added Fast SSID Creation. **[Fast SSID Creation]**
- Added 2.4 GHz and dual-band 2.4 GHz/5 GHz mesh support.
- Optimized RRM scanning.
- Added OWE support.
- Added Easy PSK support.
- Added Network Health monitoring for Cloud management on GWN7670/7672.
- Added Power Input Mode for GWN7602/7603/7604/7661/7661(E)/7624.

- Expanded PPSK support to up to 1,000 keys.
- Internal bug fixes.

NEW FEATURE OVERVIEW

Microsoft 365 Authentication

In the Policy List under Captive Portal, when selecting Social Login Authentication, new Microsoft 365 can be selected as an option.



Add

Basic Auth Rule

Authentication Type: Social Login Authentication

Client Expiration: Minute(s)

Client Idle Timeout: Minute(s)

Unauthenticated Client Timeout: Minute(s)

Facebook ☐

Twitter ☐

Google ☐

Microsoft 365 ☒

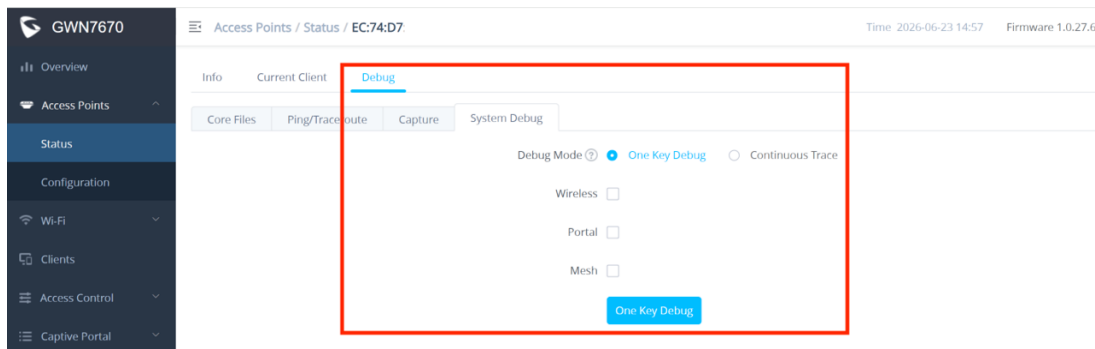
Microsoft 365 Client ID:

Microsoft 365 Client Key:

Use Default Portal Page: ☒

One Key Debug

In the menu point Access Point – Status choose the tab Debug – System Debug, then select One Key Debug as Debug Mode.



GWN7670

Access Points / Status / EC:74:D7

Time: 2026-06-23 14:57 Firmware: 1.0.27.6

Info Current Client

Core Files Ping/Trace Route Capture System Debug

Debug Mode: ☒ One Key Debug ☐ Continuous Trace

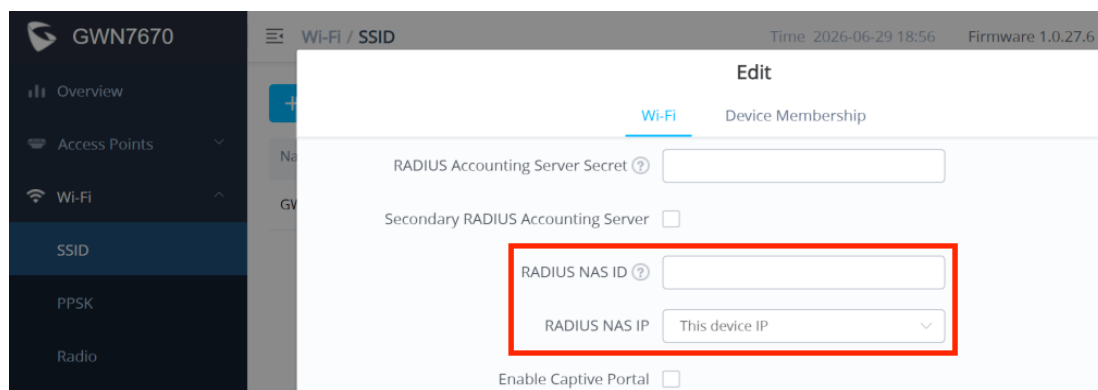
Wireless ☐

Portal ☐

Mesh ☐

One Key Debug

RADIUS NAS ID



GWN7670 Wi-Fi / SSID Time: 2026-06-29 18:56 Firmware 1.0.27.6

Edit

Wi-Fi Device Membership

RADIUS Accounting Server Secret ?

Secondary RADIUS Accounting Server ☐

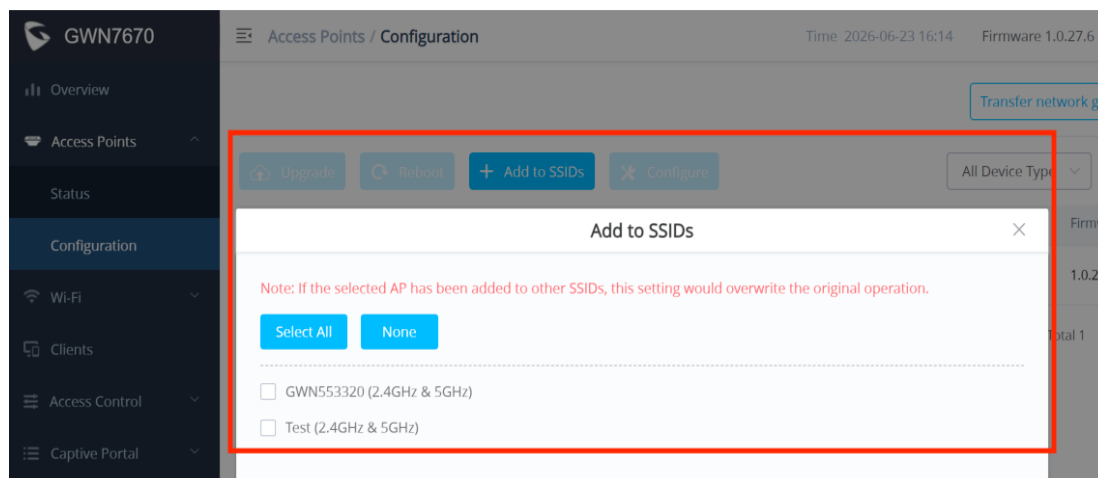
RADIUS NAS ID ?

RADIUS NAS IP This device IP

Enable Captive Portal ☐

Fast SSID Creation

Click the “Add to SSIDs” button to select and add one, multiple or all the SSIDs displayed.



GWN7670 Access Points / Configuration Time: 2026-06-23 16:14 Firmware 1.0.27.6

Upgrade Reboot **+ Add to SSIDs** Configure

Add to SSIDs X

Note: If the selected AP has been added to other SSIDs, this setting would overwrite the original operation.

Select All None

☐ GWN553320 (2.4GHz & 5GHz)

☐ Test (2.4GHz & 5GHz)

[02/06/2026] FIRMWARE VERSION 1.0.25.43

PRODUCT NAME

GWN7660ELR / GWN7665 / GWN7603

DATE

02/06/2026

FIRMWARE FILE INFORMATION

- GWN7660ELR Firmware file name: gwn7660elrfw.bin
MD5 checksum: 3c845b677e78c8d3b8b494c394b5a692
- GWN7665 Firmware file name: gwn7665fw.bin
MD5 checksum: 4fc08c9319f6ebb6d11dc1c30a91a845
- GWN7603 Firmware file name: gwn7603fw.bin
MD5 checksum: 2d2abb69026695c4981a98697f405360

CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Internal bug fixes.

[02/06/2026] FIRMWARE VERSION 1.0.25.15

PRODUCT NAME

GWN7672

DATE

02/06/2026

FIRMWARE FILE INFORMATION

- GWN7672 Firmware file name: gwn7672fw.bin
MD5 checksum: bfb31e81513bbf352205672ad3b55e7d

CHANGES/ENHANCEMENT

- Updated security version.
- Internal bug fixes.

[02/06/2026] FIRMWARE VERSION 1.0.25.42

PRODUCT NAME

GWN7660(LR) / 7661 / 7662 / 7664(LR) / 7630(LR) / 7615 / 7624 / 7625

DATE

02/06/2026

FIRMWARE FILE INFORMATION

- GWN7615 Firmware file name: gwn7615fw.bin
MD5 checksum: 89e56daa7b6c9c4b4c74539ac2c375b2
- GWN7624 Firmware file name: gwn7624fw.bin
MD5 checksum: 085adaa7d1cb1d28edafc3a7efc961ea
- GWN7625 Firmware file name: gwn7625fw.bin
MD5 checksum: f73dfa9efc8ebb0e12685e4f53c0d446
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin
MD5 checksum: 59b1feb1b1e96ed83b174eeaf4b66cc5
- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: d1f7e598af8776e9b699853ec21911d8
- GWN7661 Firmware file name: gwn7661fw.bin
MD5 checksum: db6f8d558e60cab3884e40c30d767f5
- GWN7662 Firmware file name: gwn7662fw.bin
MD5 checksum: 7dd19b62acb58754a50d993e77af10e1
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 975c51ae3c15a5cc5a9b5089240bd3c1

CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Fixed Israel 5GHz channel issue.
- Fixed throughput issue after STA finished the portal authentication.
- Internal bug fixes.

[02/06/2026] FIRMWARE VERSION 1.0.25.43

PRODUCT NAME

GWN7605 / GWN7605LR

DATE

02/06/2026

FIRMWARE FILE INFORMATION

- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin
MD5 checksum: e4856888df4ec7c4b5e729118999d3e6

CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Fixed RADIUS dynamic VLAN assignment not working issue.
- Fixed NET port type configured on cloud not syncing to device issue.
- Internal bug fixes.

[02/06/2026] FIRMWARE VERSION 1.0.25.14

PRODUCT NAME

GWN7670 / GWN7670WM / GWN7670LR

DATE

02/06/2026

FIRMWARE FILE INFORMATION

- GWN7670/GWN7670WM/GWN7670LR Firmware file name: gwn7670fw.bin
MD5 checksum: edb1936b6681faeeb8321009cf5e0553

CHANGES/ENHANCEMENT

- Fixed some security issues.
- Fixed link speed display wrong on cloud issue.
- Fixed external captive portal does not URL-Decode username/password before sending RADIUS request issue.
- Internal bug fixes.

[01/23/2026] FIRMWARE VERSION 1.0.25.7

PRODUCT NAME

GWN7660EM

DATE

01/23/2026

FIRMWARE FILE INFORMATION

- GWN7674 Firmware file name: gwn7660emfw.bin
MD5 checksum: 53d403cb72a83f443ff405bc824796cf

CHANGES/ENHANCEMENT

- This is the initial release for GWN7660EM

[12/02/2025] FIRMWARE VERSION 1.0.27.6

PRODUCT NAME

GWN7674

DATE

12/02/2025

FIRMWARE FILE INFORMATION

- GWN7674 Firmware file name: gwn7674fw.bin
MD5 checksum: b40c162a6a85f5083a3cb8782e47d0a0

CHANGES/ENHANCEMENT

- This is the initial release for GWN7674

[08/28/2025] FIRMWARE VERSION 1.0.25.13

PRODUCT NAME

GWN7670 / GWN7670WM / GWN7672

DATE

08/28/2025

FIRMWARE FILE INFORMATION

- GWN7670/GWN7670WM Firmware file name: gwn7670fw.bin
MD5 checksum: bb8c74a955abb8fdec51368adf2fbb27
- GWN7672 Firmware file name: gwn7672fw.bin
MD5 checksum: e27ba27542efe50f85a95b4fcea6449a

CHANGES/ENHANCEMENT

- Internal bug fixes

[08/27/2025] FIRMWARE VERSION 1.0.25.42

PRODUCT NAME

GWN7664E / GWN7664ELR / GWN7665 / GWN7603 / GWN7605 / GWN7605LR

DATE

08/27/2025

FIRMWARE FILE INFORMATION

- GWN7664E/GWN7664ELR Firmware file name: gwn7664efw.bin
MD5 checksum: c98c73b4363d42dc6a4d721b669691b6
- GWN7665 Firmware file name: gwn7665fw.bin
MD5 checksum: bfce4c54ecd9230300900ca21d4ed837
- GWN7603 Firmware file name: gwn7603fw.bin
MD5 checksum: 9d51d53ab244b37db47b60a4ba5afd2d
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin
MD5 checksum: 6a0d176593a0ab85e66eb67ac99d8058

CHANGES/ENHANCEMENT

- Fixed issue where IPv6 traffic was not occasionally tagged.
- Fixed performance degradation when VLANs are enabled.
- Fixed client disconnection issue due to 802.1X un-authentication failure.
- Fixed tagged traffic handling issue in access mode when DSCP is non-zero.
- Fixed long reconnection time issue after client reconnects to office Wi-Fi AP.
- Internal bug fixes

[08/27/2025] FIRMWARE VERSION 1.0.25.41

PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7615 / GWN7624 / GWN7625

DATE

08/27/2025

FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: 785c3b759387247686f0f2e8a6d5b108
- GWN7661 Firmware file name: gwn7661fw.bin
MD5 checksum: a783039611d218066541d3960bbfcc87
- GWN7662 Firmware file name: gwn7662fw.bin
MD5 checksum: 2948a7e6ea8f461d91d39d298d8a8898
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 026181144eaf02b5c06bb4a67aa7fd02
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin
MD5 checksum: 624d1ddd79ea66da2744bf9622bbc15a
GWN7615 Firmware file name: gwn7615fw.bin
MD5 checksum: de5a2524f72e13add03a9f91f02a78a7
- GWN7624 Firmware file name: gwn7624fw.bin
MD5 checksum: 90d6f86aa983e3e15dfa80d44a133243
- GWN7625 Firmware file name: gwn7625fw.bin
MD5 checksum: c144e42c9c48f1737f68cf13db88db4b

CHANGES/ENHANCEMENT

- Fixed issue where IPv6 traffic was not occasionally tagged.
- Fixed device performance degradation when VLANs are enabled.
- Fixed client disconnection issue due to 802.1X un-authentication failure.
- Fixed tagged traffic handling issue in access mode when DSCP is non-zero.
- Fixed long reconnection time issue after client reconnects to office Wi-Fi AP.
- Internal bug fixes

[08/15/2025] FIRMWARE VERSION 1.0.25.42

PRODUCT NAME

GWN7660E / GWN7660ELR

DATE

08/15/2025

FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin
MD5 checksum: 3a62a55113566d7ffad820a3b9ae389d
- GWN7660ELR Firmware file name: gwn7660elrhw.bin
MD5 checksum: 91cc882fe11923f20a9ec7d79f9a1095

CHANGES/ENHANCEMENT

- Fixed issue where IPv6 traffic was not occasionally tagged.
- Fixed performance degradation when VLANs are enabled.
- Fixed client disconnection issue due to 802.1X un-authentication failure.
- Fixed tagged traffic handling issue in access mode when DSCP is non-zero.
- Fixed long reconnection time issue after client reconnects to office Wi-Fi AP.
- Internal bug fixes

[08/11/2025] FIRMWARE VERSION 1.0.25.10

PRODUCT NAME

GWN7604 / GWN7661E

DATE

08/11/2025

FIRMWARE FILE INFORMATION

- GWN7604 Firmware file name: gwn7604fw.bin
MD5 checksum: d3e19a0f0207b5754e94647dbd374795
- GWN7661E Firmware file name: gwn7661efw.bin
MD5 checksum: dc656a0f2c582179bfed1e71c04ed400

CHANGES/ENHANCEMENT

- Added DFS interface support for Thailand.
- Added Network Security Certification for EU RED 3.3.
- Fixed the tagged traffic handling issue with non-zero DSCP values.
- Fixed disconnect issue caused by abnormal multicast packets.
- Internal bug fixes

[05/09/2025] FIRMWARE VERSION 1.0.25.8

PRODUCT NAME

GWN7604 / GWN7661E

DATE

05/09/2025

FIRMWARE FILE INFORMATION

- GWN7604 Firmware file name: gwn7604fw.bin
MD5 checksum: d73b57107128cce73e85cf0cc175ad5d
- GWN7661E Firmware file name: gwn7661efw.bin
MD5 checksum: 4c0f808344fe57240f9d37d85a01ad44

CHANGES/ENHANCEMENT

- Fixed when management VLAN is set to value above 999, clients connected to SSID with Client IP Assignment=NAT unable to access internet issue.
- Fixed the issue on Captive Portal User Authentication with Microsoft Azure
- Allowed Norway channels
- Fixed RADIUS account and attribute issues.
- Fixed the phone rebooting after the pmksa expires issue.
- Internal bug fixes

[01/30/2025] FIRMWARE VERSION 1.0.25.8

PRODUCT NAME

GWN7670

DATE

01/30/2025

FIRMWARE FILE INFORMATION

- GWN7670 Firmware file name: gwn7670fw.bin
MD5 checksum: 3d1b8c0e017733d1033f2609f7e6f349

CHANGES/ENHANCEMENT

- This is the initial release for GWN7670

[01/28/2025] FIRMWARE VERSION 1.0.25.39

PRODUCT NAME

GWN7660E / GWN7660ELR / GWN7664E / GWN7664ELR

DATE

01/28/2025

FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin
MD5 checksum: f54af77bb1bb918cb2e91a505923b0e3
- GWN7660ELR Firmware file name: gwn7660elrhw.bin
MD5 checksum: fef77ec4e45c20fc096ccc7540f44ed4
- GWN7664E/GWN7664ELR Firmware file name: gwn7664efw.bin
MD5 checksum: 1f28913ce5960ffbb739134b004cb7d4

CHANGES/ENHANCEMENT

- Adapted the new Wi-Fi standards in some countries.
- Fixed Captive Portal user authentication issue with Microsoft Azure.
- Fixed SFP port not working when Ethernet port does not have link issue.
- Internal bug fixes

[01/28/2025] FIRMWARE VERSION 1.0.25.38

PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7605 / GWN7605LR / GWN7615

DATE

01/28/2025

FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: 6b8440c298c7e35449b1ce423190388b
- GWN7661 Firmware file name: gwn7661fw.bin
MD5 checksum: 70fc6987ed5a896ac70e6ed9b31110d8
- GWN7662 Firmware file name: gwn7662fw.bin
MD5 checksum: 5561a8cfd3f845c173fab18e3c1a6a59
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: ae86b324803bcab136aaa5503be89326
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin
MD5 checksum: cc76fb0e7b6e65cc7127d88f99596b1d
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin
MD5 checksum: 209da2bc2373dfbeff88062771a5fa36
- GWN7615 Firmware file name: gwn7615fw.bin
MD5 checksum: 026413b201000346c9602cc47cb80a05

CHANGES/ENHANCEMENT

- Adapted the new Wi-Fi standards in some countries.
- Fixed Norway DNF channels issue.
- Fixed some vulnerability issue.
- Fixed VLAN management related issue.
- Fixed Radius related issue.
- Internal bug fixes

[10/1/2024] FIRMWARE VERSION 1.0.25.34

PRODUCT NAME

GWN7660E / GWN7660ELR / GWN7664E / GWN7664ELR / GWN7665 / GWN7603

DATE

10/1/2024

FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin
MD5 checksum: 8f6f4be145d7a3f911f4a431764c42ec
- GWN7660ELR Firmware file name: gwn7660elrfw.bin
MD5 checksum: 2ef32a9a24d77b1dc63b6ce185266b76
- GWN7603 Firmware file name: gwn7603fw.bin
MD5 checksum: ff678ec7e0c3eb2235da45611eee501f
- GWN7664E/GWN7664ELR Firmware file name: gwn7664efw.bin
MD5 checksum: cfb6e080105f33d2fcb2f741e02c855c
- GWN7665 Firmware file name: gwn7665fw.bin
MD5 checksum: 499a035009843fa773a225737aca5fd8

CHANGES/ENHANCEMENT

- Fixed device randomly rebooting issue.
- Internal bug fixes

[09/23/2024] FIRMWARE VERSION 1.0.25.34

PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR /
GWN7605 / GWN7605LR / GWN7615 / GWN7624 / GWN7625

DATE

09/23/2024

FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: 79c246d8b908aae18bc76bbc54235c0f
- GWN7661 Firmware file name: gwn7661fw.bin
MD5 checksum: 7b32bcbc3fae1c92b3c03bec61a233b6
- GWN7662 Firmware file name: gwn7662fw.bin
MD5 checksum: dabf47915eddc20e668f3b6665e9ed54
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: c968fcd501ea90974b89f178749318dd
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin
MD5 checksum: b4d5dbd4daf994f45a83eae1c2838300
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin
MD5 checksum: 806a07c8bda8e2a5b0ddcc9534c819d5
- GWN7615 Firmware file name: gwn7615fw.bin
MD5 checksum: 096a90c60a8dbfa02f24b35404a63ce8
- GWN7624 Firmware file name: gwn7624fw.bin
MD5 checksum: 3f4df75541c9b173a886d302459b4382
- GWN7625 Firmware file name: gwn7625fw.bin
MD5 checksum: f26c569069989dd70ce9aa70d0b90563

CHANGES/ENHANCEMENT

- Fixed device randomly rebooting issue.
- Fixed vulnerabilities issue.
- Internal bug fixes

[6/26/2024] FIRMWARE VERSION 1.0.25.3

PRODUCT NAME

GWN7660E

DATE

06/26/2024

FIRMWARE FILE INFORMATION

- GWN7660E Firmware file name: gwn7660efw.bin
MD5 checksum: 7fc170f6e0dbeb674bbf42d102e63882

CHANGES/ENHANCEMENT

- This is the initial release for GWN7660E

[6/25/2024] FIRMWARE VERSION 1.0.25.2

PRODUCT NAME

GWN7660ELR

DATE

06/25/2024

FIRMWARE FILE INFORMATION

- GWN7660ELR Firmware file name: gwn7660elr fw.bin
MD5 checksum: b802e925bc4c63455df593a96266e231

CHANGES/ENHANCEMENT

- This is the initial release for GWN7660ELR

[06/07/2024] FIRMWARE VERSION 1.0.25.33

PRODUCT NAME

GWN7600 / GWN7600LR / GWN7610 / GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7602 / GWN7605 / GWN7605LR / GWN7615 / GWN7624 / GWN7625

DATE

06/07/2024

FIRMWARE FILE INFORMATION

- GWN7600/GWN7600LR Firmware file name: gwn7600fw.bin
MD5 checksum: 2626d225865942a945aff5176e5980b7
- GWN7610 Firmware file name: gwn7610fw.bin
MD5 checksum: 31db915a45b524b3486dd6014fa7fb71
- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: 3f69581b7807433a60025d49328af854
- GWN7661 Firmware file name: gwn7661fw.bin
MD5 checksum: b93ac12bc592ffb425d3ac34e702c4ea
- GWN7662 Firmware file name: gwn7662fw.bin
MD5 checksum: 29f43b8e1f545cbbab2e0d1d7b8a6f7e
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 2350822ec4535af128e5cfc452888cb4
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin
MD5 checksum: 0777f07e38e7ec288d583922441b7385
- GWN7602 Firmware file name: gwn7602fw.bin
MD5 checksum: abcf2f1b8d5e22bb0742a5e5bb7beb18
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin
MD5 checksum: 827038fe04aeb7ca168fb5acecbfcd3a
- GWN7615 Firmware file name: gwn7615fw.bin
MD5 checksum: cddc73653f36a5e689bc7cc2fc2ce5e8
- GWN7624 Firmware file name: gwn7624fw.bin
MD5 checksum: a7e860137cdcd050208cc7622f2ad550
- GWN7625 Firmware file name: gwn7625fw.bin
MD5 checksum: 63bf31b6e1035e258a30a9e632dcca8f

CHANGES/ENHANCEMENT

- Added support for multi-VLAN Wi-Fi roaming.
- Added WP series device fast configuration support.

- Added support for MAC-Based RADIUS authentication (not supported on GWN7600/GWN7610/GWN7602)
- Added support of OS filtering
- Increased the number of MAC addresses which can be added in the Client isolation.
- Increased Whitelist/Blacklist limit to 1024. (not supported on GWN7600/GWN7610/GWN7602)
- Added **L2TPv3** tunnel support. (GWN7660/GWN7661/GWN7662/GWN7664)
- Added GWN anti-theft lock.
- Added LLDP protocol support.
- Added new **LED Pattern** for uplink down/no network.
- Fixed the unit does not broadcast SSID when added to the GWN Cloud/Manager issue.
- Fixed mesh connection delayed establishment issue.
- Fixed the unit randomly stops sending RADIUS authentication request issue.
- Fixed client randomly lost internet after connected to the AP issue.
- Fixed un-authorized clients can access internet via VPN issue.
- Fixed the devices display no usage when clients are connected and generating traffic issue.
- Fixed AP randomly reboot and generates core panic issue.
- Fixed clients unable to connect to AP unless rebooted issue.
- Fixed APs unable to pass RADIUS attribute 8 issue.
- Fixed devices use wrong MAC on the network issue.
- Internal bug fixes

NEW FEATURE OVERVIEW

- **New LED Pattern for uplink down/no network.**

This feature is supported on slave AP

- **Blue LED always on:** When slave AP successfully paired.
- **Flashing Purple LED:** When slave AP is disconnected due to no network, when GWN Cloud/Manager, or master device is disconnected.

[05/09/2024] FIRMWARE VERSION 1.0.25.19

PRODUCT NAME

GWN7600 / GWN7600LR / GWN7610 / GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR / GWN7630 / GWN7630LR / GWN7602 / GWN7605 / GWN7605LR / GWN7615 / GWN7624 / GWN7625

DATE

05/09/2024

FIRMWARE FILE INFORMATION

- GWN7600/GWN7600LR Firmware file name: gwn7600fw.bin
MD5 checksum: 443d43ab18ab65c4cbe1f9bb5b048356
- GWN7610 Firmware file name: gwn7610fw.bin
MD5 checksum: 18c8e351bb6d32e651083d20b45284da
- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: 5e247d6f105f949c7e5bc04d58d74b91
- GWN7661 Firmware file name: gwn7661fw.bin
MD5 checksum: d0960c228a1a62a64f7c1eaa953135d1
- GWN7662 Firmware file name: gwn7662fw.bin
MD5 checksum: 00139e2044033e09b1a9e723401491dd
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 93ab3a46617f35f81a1b88596efd1297
- GWN7630/GWN7630LR Firmware file name: gwn7630fw.bin
MD5 checksum: 3c13c9309732b545e3200115864bb197
- GWN7602 Firmware file name: gwn7602fw.bin
MD5 checksum: 70a0c864840a7a001616490e2816dbfd
- GWN7605/GWN7605LR Firmware file name: gwn7605fw.bin
MD5 checksum: 4b58d9f0d665b4c156849986dbf30b4d
- GWN7615 Firmware file name: gwn7615fw.bin
MD5 checksum: da2f47eb2c036a14c633c8646d10f9e1
- GWN7624 Firmware file name: gwn7624fw.bin
MD5 checksum: 804c70d5c75f3d4a873efe1d80735aa0
- GWN7625 Firmware file name: gwn7625fw.bin
MD5 checksum: 7c12926c792331ed018dfdb3185cc456

CHANGES/ENHANCEMENT

- Fixed the issue where non-admin accounts are disabled by default.
- Internal bug fixes

[04/05/2024] FIRMWARE VERSION 1.0.25.18

PRODUCT NAME

GWN7660/GWN7660LR

DATE

04/05/2024

FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: f23b95b7d462491390bdc773b841719e

CHANGES/ENHANCEMENT

- Added **L2TPv3** tunnel support
- Internal bug fixes

NEW FEATURE OVERVIEW

- **Added L2TPv3 tunnel support.**

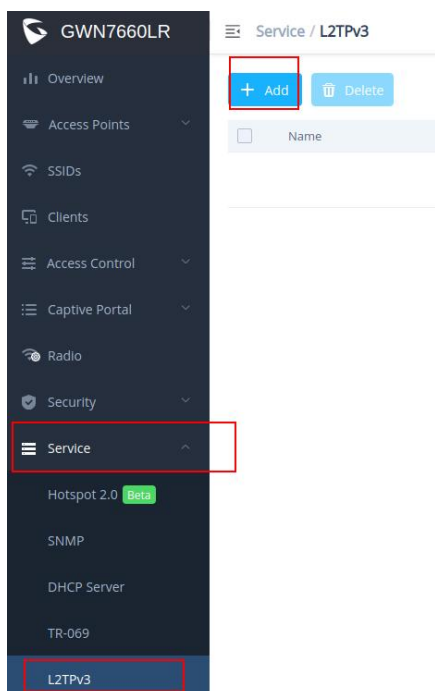
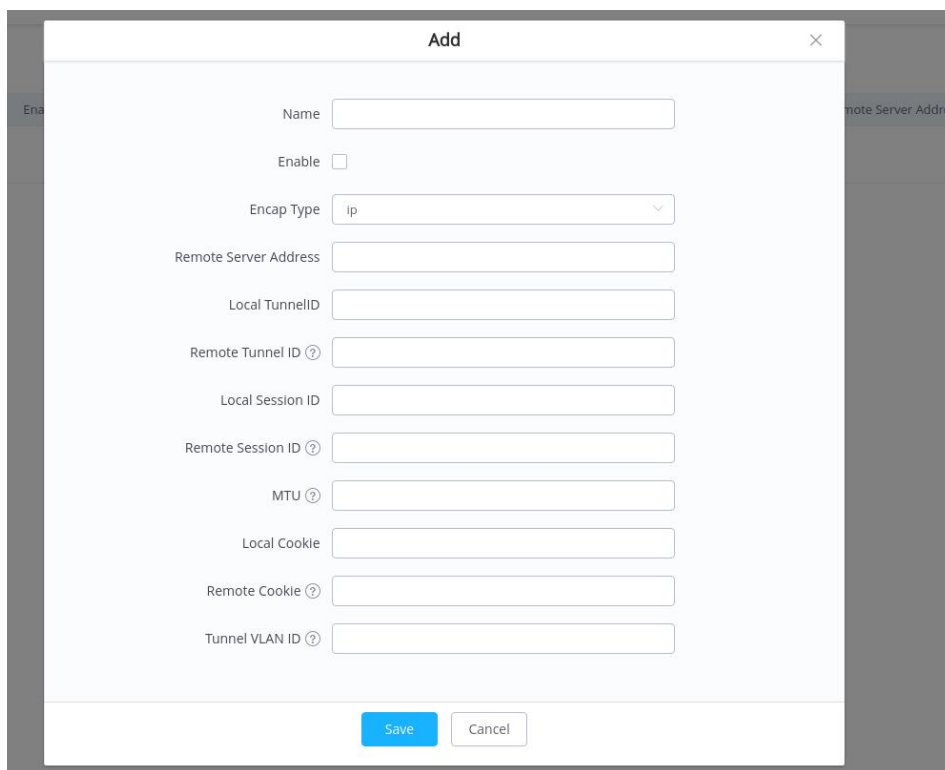
This feature will allow admins to enable and configure L2TPv3 on the device. Please refer to the screenshots and options below.

Note: It is best to set the MTU to match the server to avoid network connectivity issues.

- **Name:** Set the name of the tunnel.
- **Encap Type:** Set the encapsulation type of the tunnel. Valid values for encapsulation are: UDP, IP.
- **Remote Server Address:** Set the IP address of the remote peer.
- **Local Tunnel ID:** Set the tunnel id, which is a 32-bit integer value. This uniquely identifies the tunnel.
- **Remote Tunnel ID:** Set the peer tunnel id, which is a 32-bit integer value assigned to the tunnel by the peer.
- **Local Session ID:** Set the session id, which is a 32-bit integer value. This uniquely identifies the session being created. The value used must match the peer_session_id value being used at the peer.
- **Remote Session ID:** Set the peer session id, which is a 32-bit integer value assigned to the session by the peer. The value used must match the session_id value being used at the peer.
- **Local Cookie:** Set an optional cookie value to be assigned to the session. This is a 4 or 8 byte value, specified as 8 or 16 hex digits, e.g. 014d3636deadbeef. The value must match the peer_cookie value set at the peer. The cookie value is carried in L2TP data packets and is checked for expected value at the peer. Default setting is no cookie used.
- **Remote Cookie:** Set an optional peer cookie value to be assigned to the session. This is a 4 or 8 byte value, specified as 8 or 16 hex digits, e.g. 014d3636deadbeef. The value must match the cookie value

set at the peer. It tells the local system what cookie value to expect to find in received L2TP packets. Default is no cookie used.

- **Tunnel VLAN ID:** The tunnel ID must be set in SSID, and make sure that SSID only has the AP(s) who enabled L2TPv3.

The screenshot shows the 'Add' dialog box for L2TPv3 configuration. The dialog has a title bar 'Add' with a close button. The fields are as follows:

- Name:
- Enable: ☐
- Encap Type:
- Remote Server Address:
- Local TunnelID:
- Remote Tunnel ID (?):
- Local Session ID:
- Remote Session ID (?):
- MTU (?):
- Local Cookie:
- Remote Cookie (?):
- Tunnel VLAN ID (?):

At the bottom of the dialog are two buttons: 'Save' (blue) and 'Cancel' (grey).

[04/01/2024] FIRMWARE VERSION 1.0.25.2

PRODUCT NAME

GWN7603

DATE

04/01/2024

FIRMWARE FILE INFORMATION

- GWN7603 Firmware file name: gwn7603fw.bin
MD5 checksum: 6dbb60516b13575561f3b840ae84b5c0

CHANGES/ENHANCEMENT

- This is the initial release for GWN7603.

[02/07/2024] FIRMWARE VERSION 1.0.25.15

PRODUCT NAME

GWN7660 / GWN7660LR / GWN7661 / GWN7662 / GWN7664 / GWN7664LR

DATE

02/07/2024

FIRMWARE FILE INFORMATION

- GWN7660/GWN7660LR Firmware file name: gwn7660fw.bin
MD5 checksum: b9f7596cc0e58ecc1a6b4c30e85de6dd
- GWN7661 Firmware file name: gwn7661fw.bin
MD5 checksum: d15de4296c58fcc969f6e50d4994c73e
- GWN7662 Firmware file name: gwn7662fw.bin
MD5 checksum: b2695161b701306b379836018c4a7427
- GWN7664/GWN7664LR Firmware file name: gwn7664fw.bin
MD5 checksum: 2704e1d0c46cc8eeea57b45004949bbc

CHANGES/ENHANCEMENT

- Fixed devices display no usage issue.
- Fixed 2.4GHz randomly goes down issue.
- Fixed AP getting high memory usage alert and reboot issue.
- Fixed option 43 SSH representation incomplete issue.
- Fixed devices not able to connect to AP issue.
- Fixed device unable to pass Radius Attribute 8 issue.
- Internal bug fixes