GWN PTP 7302 Firmware Release Notes

IMPORTANT UPGRADING NOTE

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FIRMWARE FILE DOWNLOAD

Individual firmware files are available for downloading at URL below:
https://www.grandstream.com/support/firmware

[11/10/2026] FIRMWARE VERSION 1.0.5.9

PRODUCT NAME

GWN7302

DATE

11/10/2026

FIRMWARE FILE INFORMATION

- GWN7302 Firmware file name: gwn7302fw.bin
  MD5 checksum: a46954ce644c11367ab0c5810132d893

CHANGES/ENHANCEMENT

- Added tooltips for Master/Slave roles (System Settings > Basic Settings > Setup Wizard).
- Added Historical Monitoring (Overview).
- Added wired pairing and device takeover support (Device Pairing).
- Added tooltips for TDMA Switching (RF Settings).
- Added STP support (Network Settings).
- Added tooltips for Session Timeout (Security Management).
- Added an Operation Log.
- Added Traceroute (Ping) diagnostics.
- Reorganized the function tabs on the Maintenance page.
- Added support for multiple NTP servers (System Settings > Basic Settings).
- Updated Remote SSH functionality.
- Added Cloud configuration support.
- Updated the device certificate to address the eMudhra weak-key security incident.
- Fixed a use-after-free vulnerability in IPv4 option handling during TCP handshakes (CVE-2026-98432).
- GWN7302 Slave fails to reconnect automatically after DFS radar detection.

[07/07/2026] FIRMWARE VERSION 1.0.5.7

PRODUCT NAME

GWN7302

DATE

07/07/2026

FIRMWARE FILE INFORMATION

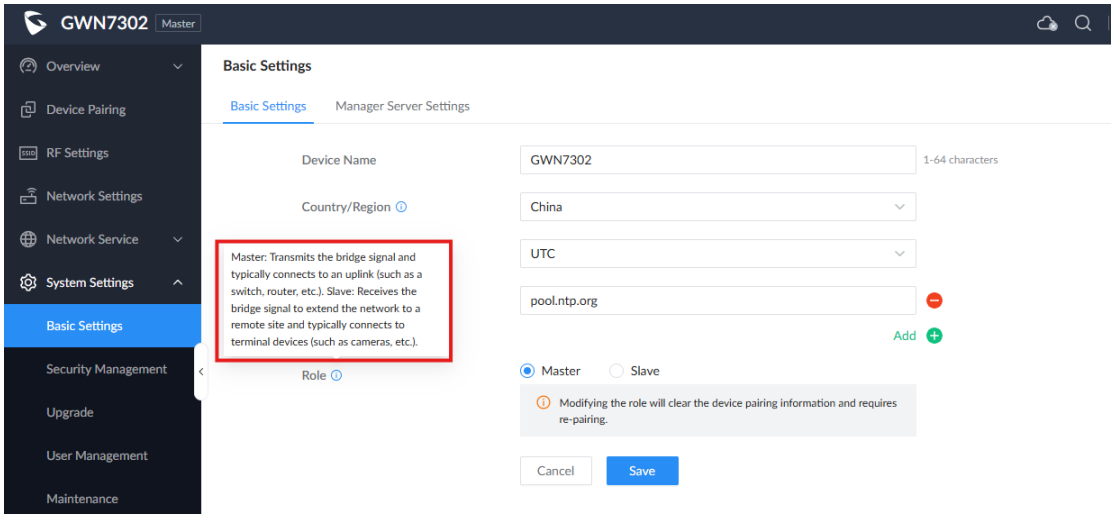
- GWN7302 Firmware file name: gwn7302fw.bin
  MD5 checksum: a46954ce644c11367ab0c5810132d893

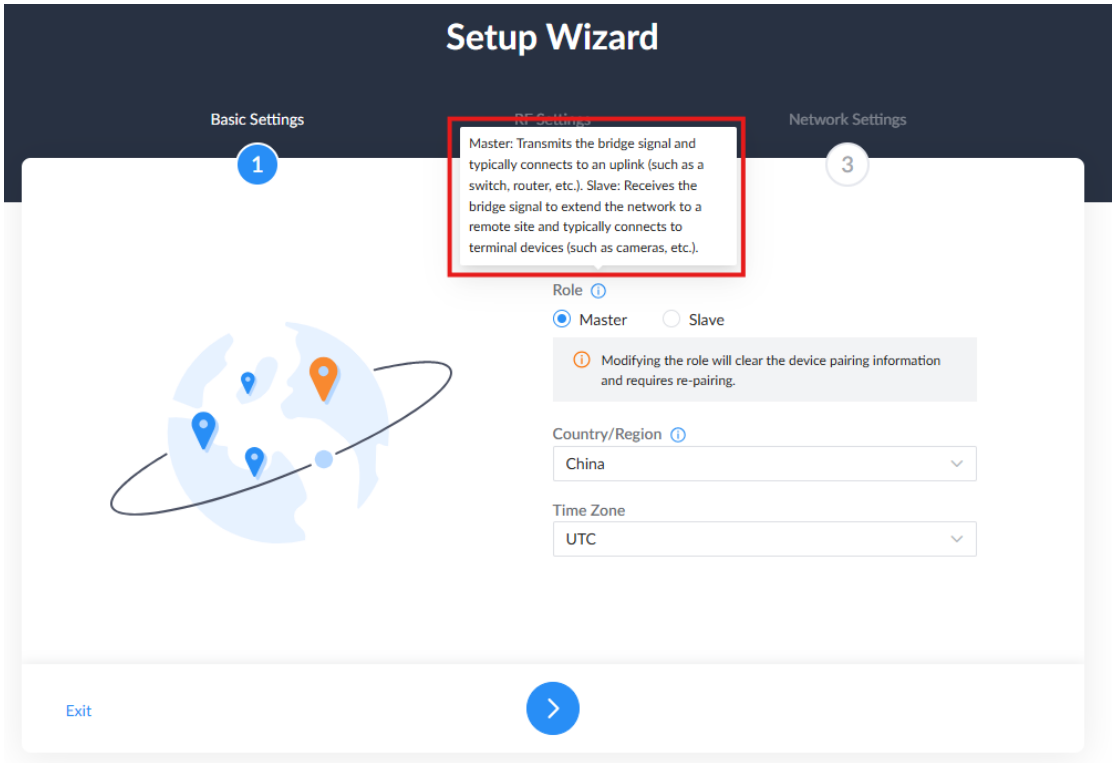
CHANGES/ENHANCEMENT

- Fixed automatic reconnection of the GWN7302 slave after DFS radar detection.
- Added Master/Slave role tooltips to Basic Settings and the Setup Wizard.
- Added Historical Monitoring to the Overview page.
- Added wired pairing and device takeover support.
- Added TDMA Switching tooltips to RF Settings.
- Added STP support in Network Settings.
- Added Session Timeout tooltips in System Settings.
- Added an Operation Log.
- Added Traceroute to the Diagnostic Tools.
- Updated the Maintenance page tab layout.
- Added support for multiple NTP servers.
- Updated Remote SSH settings.
- Added Cloud configuration support.
- Internal bug fixes.

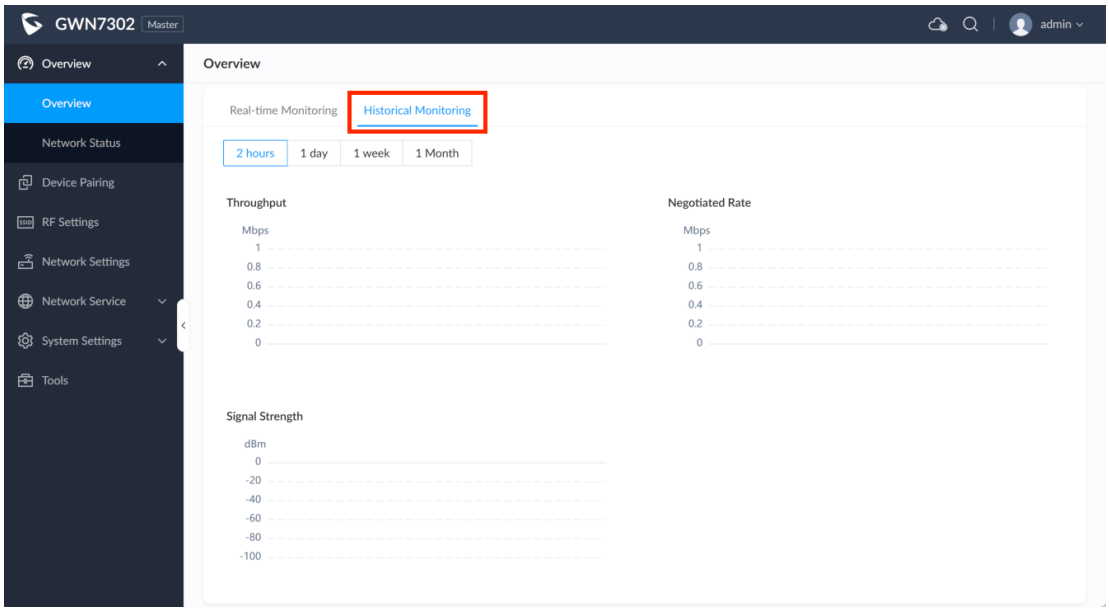
NEW FEATURE OVERVIEW

- Added **Master/Slave role tooltips** to Basic Settings and the Setup Wizard.

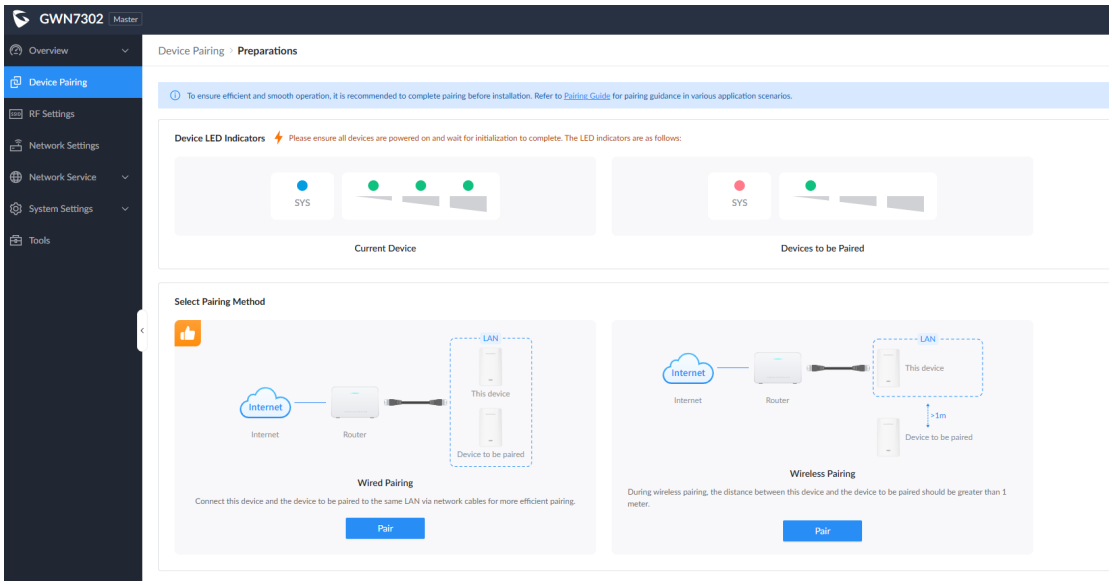

GWN7302
Master
Overview
Device Pairing
RF Settings
Network Settings
Network Service
System Settings
Basic Settings
Security Management
Upgrade
User Management
Maintenance
Basic Settings
Basic Settings
Manager Server Settings
Device Name
GWN7302
1-64 characters
Country/Region
China
UTC
Master: Transmits the bridge signal and typically connects to an uplink (such as a switch, router, etc.). Slave: Receives the bridge signal to extend the network to a remote site and typically connects to terminal devices (such as cameras, etc.).
pool.ntp.org
Add
Role
Master
Slave
Modifying the role will clear the device pairing information and requires re-pairing.
Cancel
Save

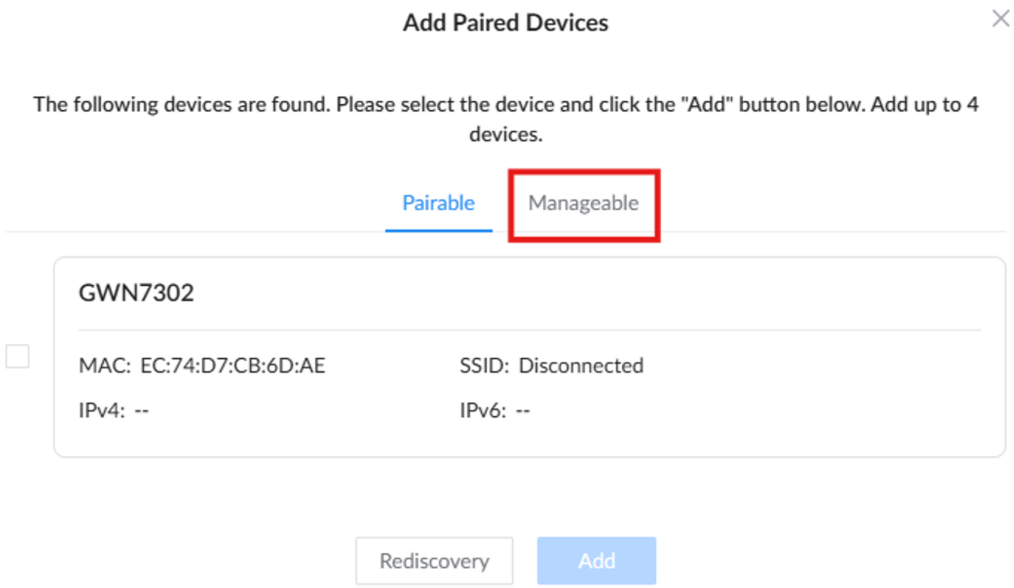

Setup Wizard
Basic Settings
1
Network Settings
3
Master: Transmits the bridge signal and typically connects to an uplink (such as a switch, router, etc.). Slave: Receives the bridge signal to extend the network to a remote site and typically connects to terminal devices (such as cameras, etc.).
Role
Master
Slave
Modifying the role will clear the device pairing information and requires re-pairing.
Country/Region
China
Time Zone
UTC
Exit

- Added **Historical Monitoring** to the Overview page.



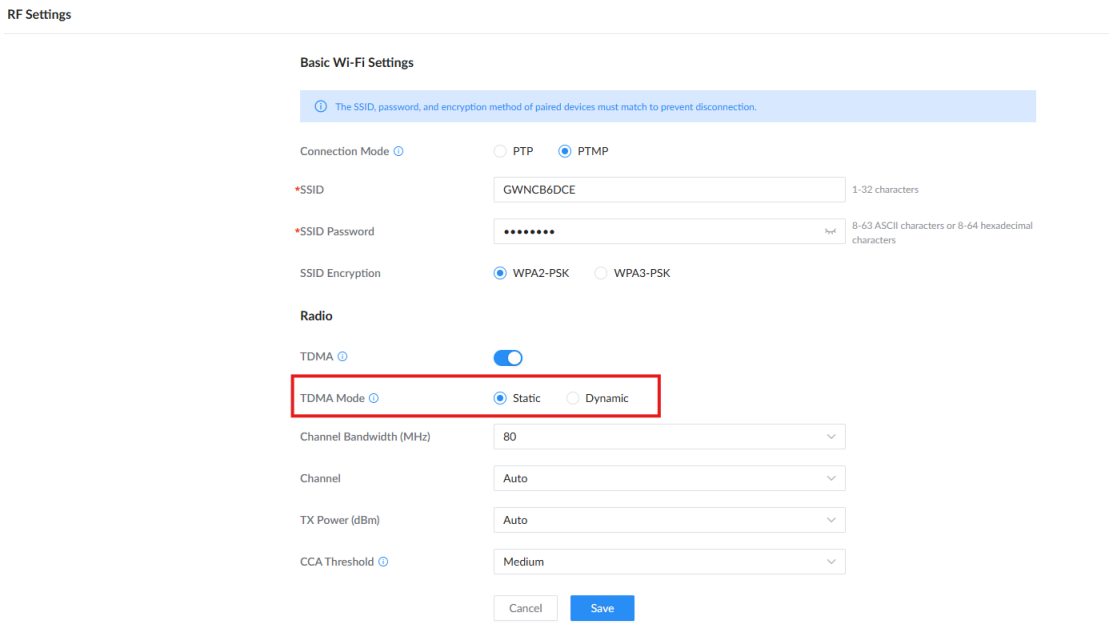
- Added **wired pairing** and **device takeover** support.
  - Device Pairing now includes guidance for both wired and wireless pairing. Wired pairing has been added as a faster pairing method.
  - If an original Master fails, another Master can take over an already paired Slave.
    1. When the new Master and Slave are on the same LAN, open the wired pairing page on the new Master and take over the Slave.
    2. When the new Master and Slave are not on the same LAN, first log in to the Slave and change its SSID to match the new Master. Then log in to the new Master and use the wireless pairing page to take over the Slave.



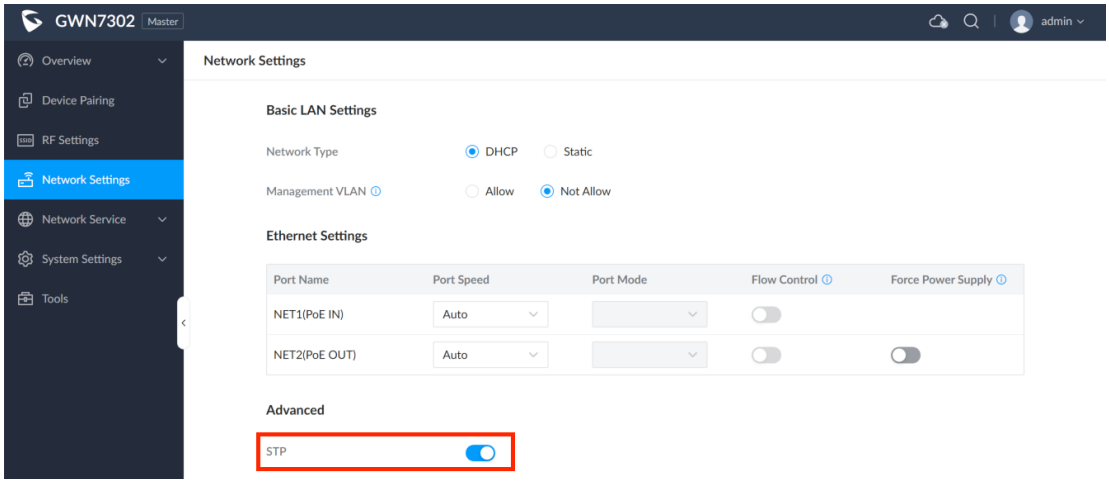


- Added **TDMA Switching tooltips** to RF Settings.
  - Static mode: Allocates time slots to all devices.
  - Dynamic mode: Allocates time slots only to devices with data transmission.

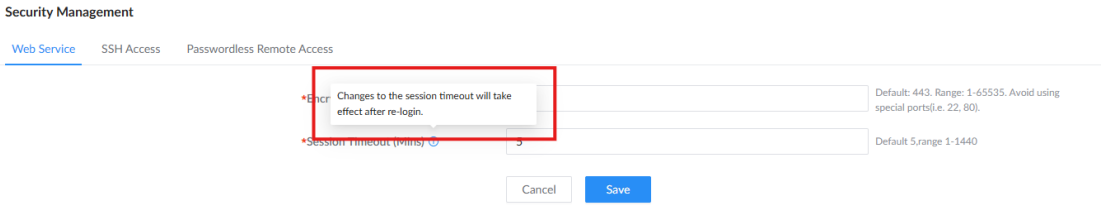
  If a Slave cannot meet the time slot allocation requirements due to interference or excessive distance, static mode is recommended.



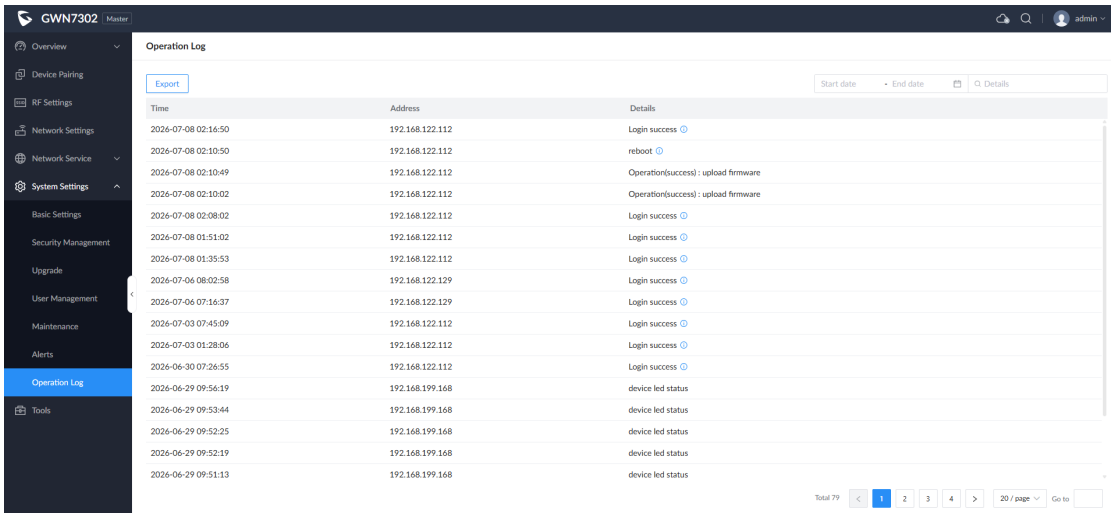
- Added **STP** support in Network Settings.
  - STP is enabled by default to help prevent network loops.



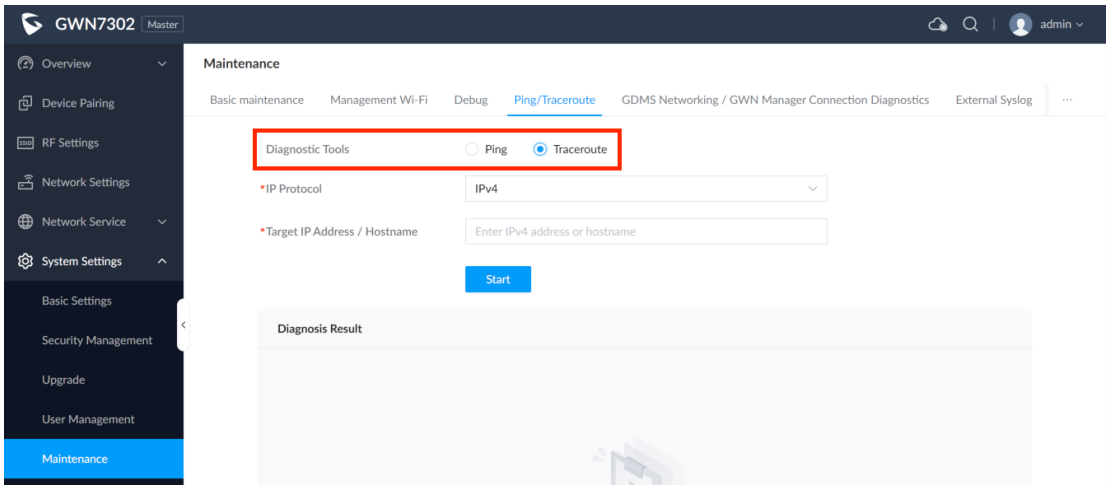
- Added **Session Timeout tooltips** in System Settings > Security Management.



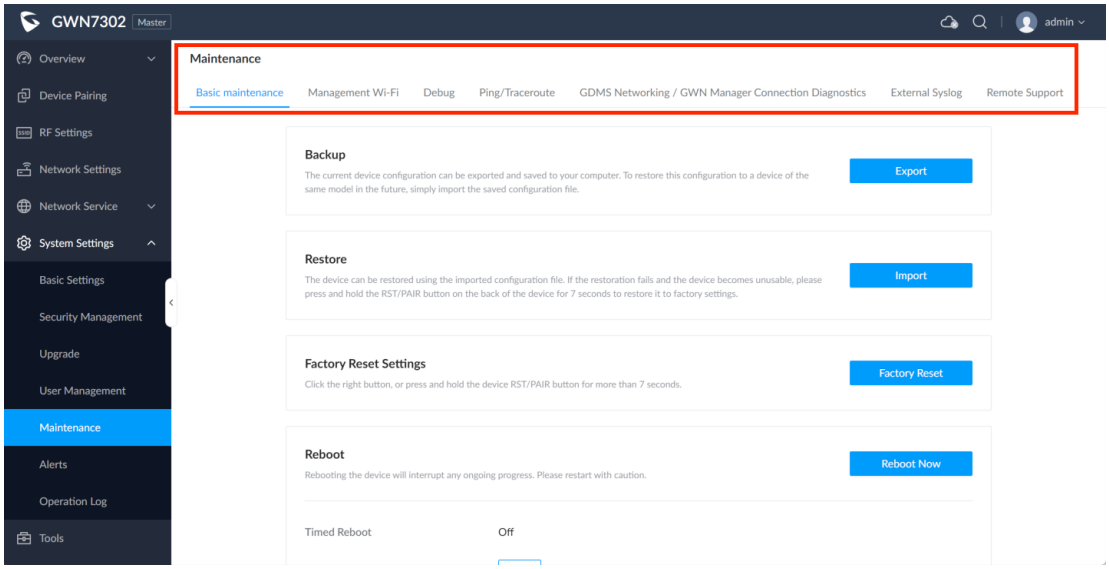
- Added an **Operation Log**.



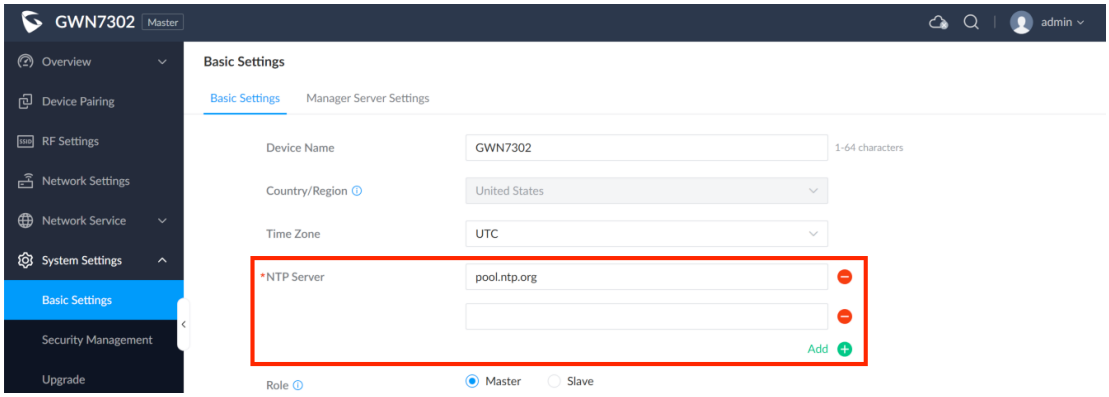
- Added **Traceroute** to the Diagnostic Tools.



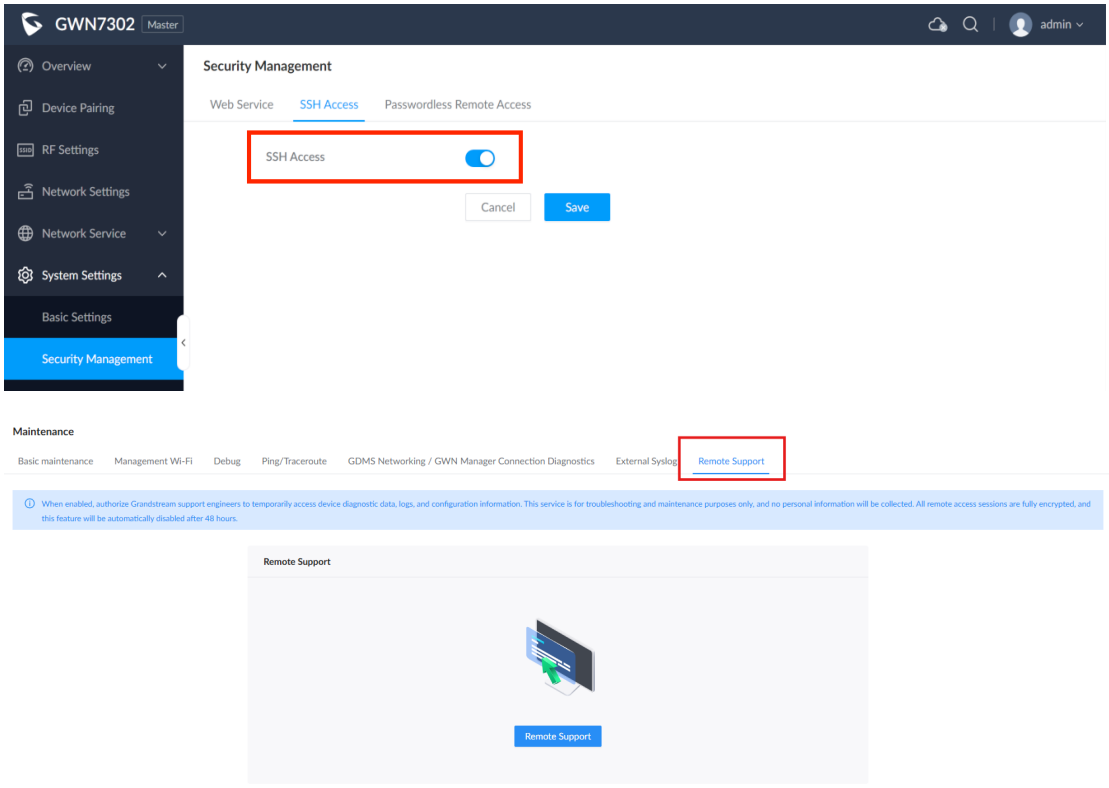
- Updated the **Maintenance page tab layout**.



- Added support for multiple **NTP servers** in the System Settings > Basic Settings.



- Updated **Remote SSH** settings.



- Added Cloud configuration support.
  - The GWN7302 can now be managed through the Cloud, including pairing and configuration. Refer to the Cloud release notes for details.

[04/22/2026] FIRMWARE VERSION 1.0.3.28

PRODUCT NAME

GWN7302

DATE

04/22/2026

FIRMWARE FILE INFORMATION

- GWN7302 Firmware file name: gwn7302fw.bin
  MD5 checksum: 7243657d9b2433430f3f781dcd8e103d

CHANGES/ENHANCEMENT

- Fixed abnormal behavior on the master's ath0 interface
- Fixed when pressing the button to switch roles, will change the connection mode to PTMP
- Fixed that after partial factory recovery, the device defaults to using the normal channel
- Fixed that after restarting the device, it took ten minutes to automatically configure the country code
- Fixed when modifying basic settings, cleared slave information
- Fixed that after restarting a slave device, the country code will be auto configured twice
- Fixed an exception in ath0 data statistics
- Fixed issue where slave devices upgraded from version 1.0.3.22 to version 1.0.3.23 could not obtain IP addresses
- Fixed throughput monitoring chart showed no data
- Internal bug fixes

[02/11/2026] FIRMWARE VERSION 1.0.3.22

PRODUCT NAME

GWN7302

DATE

02/11/2026

FIRMWARE FILE INFORMATION

- GWN7302 Firmware file name: gwn7302fw.bin
  MD5 checksum: 7243657d9b2433430f3f781dcd8e103d

CHANGES/ENHANCEMENT

- Internal bug fixes

[12/29/2025] FIRMWARE VERSION 1.0.3.17

PRODUCT NAME

GWN7302

DATE

12/29/2025

FIRMWARE FILE INFORMATION

- GWN7302 Firmware file name: gwn7302fw.bin
  MD5 checksum: e5210b14af3033c6a2edeef585bb63a3

CHANGES/ENHANCEMENT

- This is the initial release for GWN7302