GCC602X UC + Networking Convergence Solutions

System Firmware Release Notes

IMPORTANT UPGRADING NOTE

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FIRMWARE FILE DOWNLOAD

Individual firmware files are available for download at the URL below:

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

FIRMWARE VERSION 1.0.7.82 (SYS)

PRODUCT NAME

GCC6020 / GCC6021

DATE

11/05/2026

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: b8f74376e9146be2b9616e5b0ae21d01

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: e65fe31728e80f691d50f356877554d1

  (Including SYS 1.0.7.82 + PBX 1.0.27.100)

CHANGES/ENHANCEMENT

- **Security**: Removed distrusted emSign ECC Root CA – G3.
- **Security**: Fixed use-after-free (UAF) vulnerability in the Linux kernel's IPv4 TCP connection-handling stack (CVE-2026-98432).
- **Security**: Fixed Google Brotli compression decoder vulnerability CVE-2026-111497.
- Added option to run WAN speed test under local Web UI.
- Added "SIP Attack" option in IDS/IPS menu.
- Disabled OpenVPN LZO Compression by default to prevent security warnings and import errors.
- Updated Morocco time zone Africa/Casablanca from GMT+1 to GMT+0 (UTC+0).
- Fixed an issue where URL filtering does not accept hyphen (-) character.
- Fixed an issue where the Cairo time zone shows incorrect DST offset in standalone mode.
- Fixed an issue where the GCC does not discover an AP caused by traffic redirection.
- Fixed an issue where the GCC forwards RADIUS traffic through WAN interface instead of LAN interface.

- Fixed an issue where the GCC does not send DDNS update requests when uses PPPoE connection.
- Fixed an issue where import OpenVPN client configuration file fails due to invalid auth-user-pass syntax.
- Fixed an issue where Captive Portal returns HTTP 431 when managed by GCC.
- Fixed an issue where Fails to Forward SNMP Responses to LAN Client on UDP Port 161.
- Internal bug fixes.

FIRMWARE VERSION 1.0.7.71 (SYS)

PRODUCT NAME

GCC6020 / GCC6021

DATE

8/11/2026

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: 9d1012974272b442c19af285b71f4df7

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: c64b0c64e0094086e70b9f85860c1653

  (Including SYS 1.0.7.71 + PBX 1.0.27.94)

CHANGES/ENHANCEMENT

- Internal bug fixes.

FIRMWARE VERSION 1.0.7.69 (SYS)(BETA ONLY)

PRODUCT NAME

GCC6020 / GCC6021

DATE

7/14/2026

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: 5216d720dace5dd3638789b23afd084e

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: 54426aaaecda8d30c01ee832c3a08aca

  (Including SYS 1.0.7.69 + PBX 1.0.27.94)

CHANGES/ENHANCEMENT

- Home / Networking / Firewall / Network Notes module supports permission management.
- Added LLDP info to clients list.
- Unlock GCC6021 port 25 - 27 for WAN configuration.
- Fixed an issue where the geographical location of the IP address is incorrect in Geo-IP filtering.
- Internal bug fixes.

FIRMWARE VERSION 1.0.7.59 (SYS)

PRODUCT NAME

GCC6020 / GCC6021

DATE

4/17/2026

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: 0b2a75859c8d36aee46b9d61be7b81b9

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: 480afc92b230b71022d8aeae062e7a16

  (Including SYS 1.0.7.59 + PBX 1.0.27.94)

CHANGES/ENHANCEMENT

- Fixed an issue where the Wireguard has no access in some case.
- Internal bug fixes.

FIRMWARE VERSION 1.0.7.57 (SYS)(BETA ONLY)

PRODUCT NAME

GCC6020 / GCC6021

DATE

3/18/2026

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: 5f7167dda8db8ef0a0e23e791c330c75

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

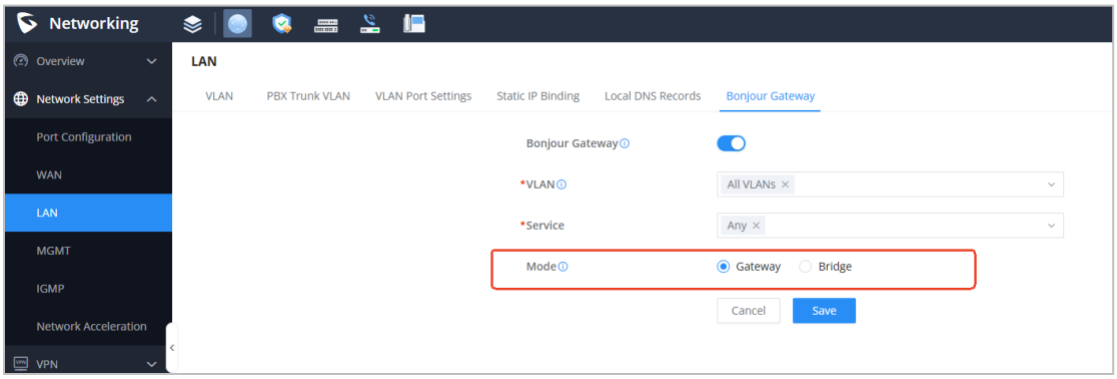
  MD5 checksum: 20459737beb23692dbfc3522a98ff6b8

  (Including SYS 1.0.7.57 + PBX 1.0.27.94)

CHANGES/ENHANCEMENT

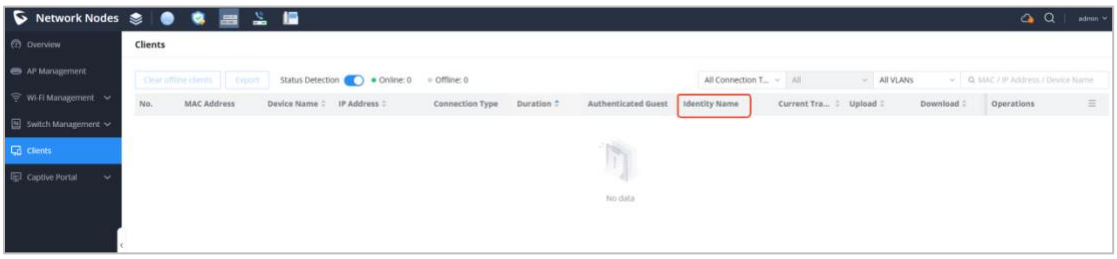
- **Networking**

  - **Network Settings → LAN → Bonjour Gateway:** Added support for Bridge mode



- **Network Nodes**

  - **Clients:** Added "Identity Name" information column



- **Supported number of VLAN**

Model	GCC6010	GCC6011	GCC6010W	GCC6020	GCC6021
VLAN	32	128	64	256	256

BUG FIXING

- Fixed an issue where the device does not synchronize system time correctly.
- Internal bug fixes.

FIRMWARE VERSION 1.0.7.48 (SYS)

PRODUCT NAME

GCC6020 / GCC6021

DATE

11/25/2025

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: f5df37333c416a073f8e81888ccbd36b

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: 01f5abcef56f7e8ea1bf4cb99a994045

  (Including SYS 1.0.7.48 + PBX 1.0.27.90)

CHANGES/ENHANCEMENT

- Added support for GDMS new IPsec option “Add Router LAN address”, which will allow the router to use its own LAN address to configure local subnet for VPN.
- Added support for USB 4G/5G dongle.

FIRMWARE VERSION 1.0.7.46 (SYS)

PRODUCT NAME

GCC6020 / GCC6021

DATE

9/18/2025

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: aadc42be64c51d061f4a3cdfc7593a96

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: 6a72ef8df90570dfc7e6618ac862c717

  (Including SYS 1.0.7.46 + PBX 1.0.27.90)

BUG FIXING

- Internal bug fixes

FIRMWARE VERSION 1.0.7.44 (SYS)

PRODUCT NAME

GCC6020 / GCC6021

DATE

8/29/2025

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

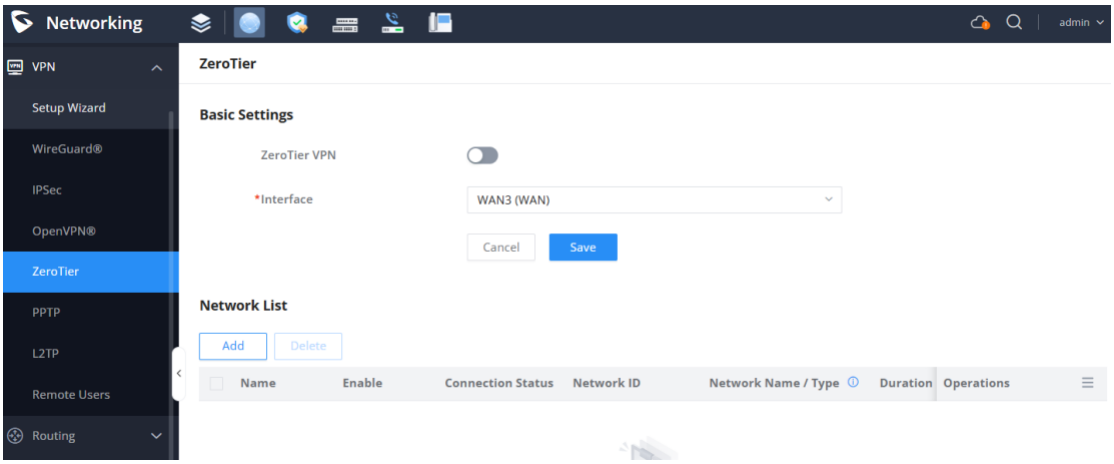
  MD5 checksum: 287e24f420c7b527adc4c0f4add15879

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: 3eb4542dc9e4c871e0a6153e4256146c

CHANGES/ENHANCEMENT

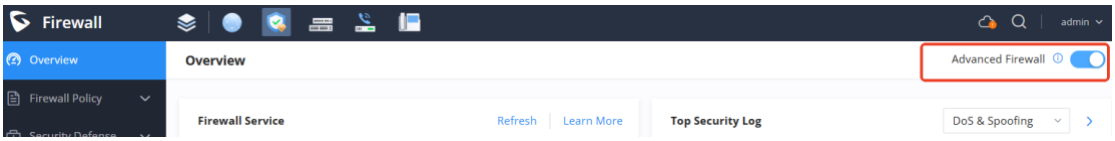
- **Home**
  - **Overview → Basic Information:** Added Security Versions.
  - **Maintenance → Backup & Restore:** Added support for changing backup file name.
- **Networking**
  - **Network Settings → LAN → Static IP Binding:** Added support for VLAN setting
  - **Network Settings → MGMT:** Changed Default IP/Subnet to 10.252.252.252/24
  - **VPN:**
    - Added feature of **ZeroTier** VPN
    - Added **Setup Wizard** of **ZeroTier**



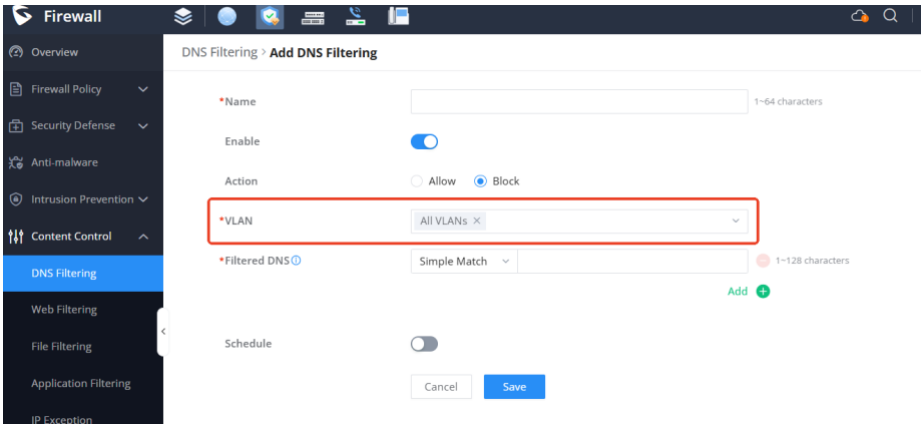
- Added feature of RADIUS authentication for **OpenVPN®**

- **Traffic Management:** Changed the bandwidth limits for "Maximum Upstream Bandwidth" and "Maximum Downstream Bandwidth" to 1-10240 Mbps under **QoS** and **Bandwidth Limit**.
- **System Settings → File Sharing:** Added support of microSD and SSD external device

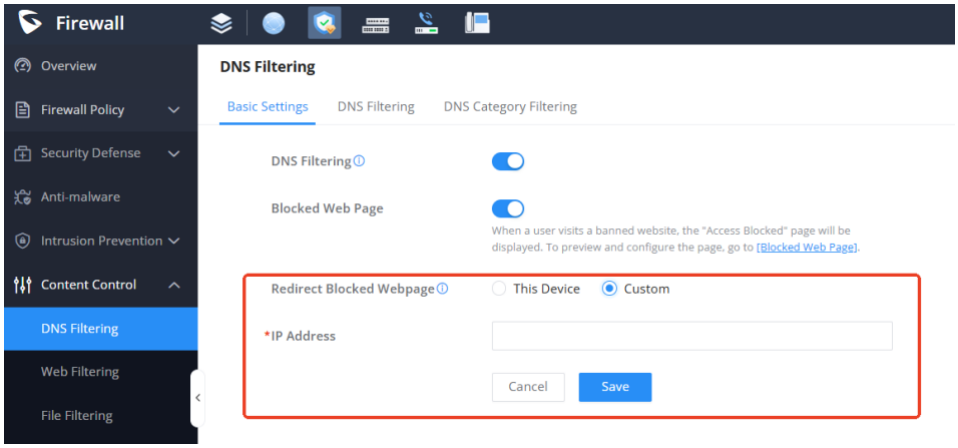
- **Firewall**
  - **Overview:** Added switch for Enable/Disable Advanced Firewall



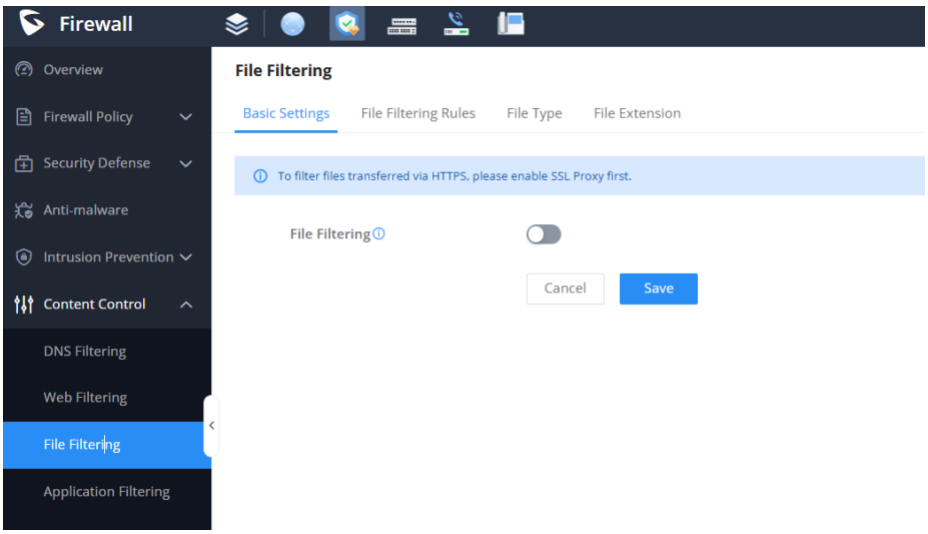
  - **Content Control**
    - **DNS Filtering:**
      - Added VLAN configuration for web filtering and application filtering



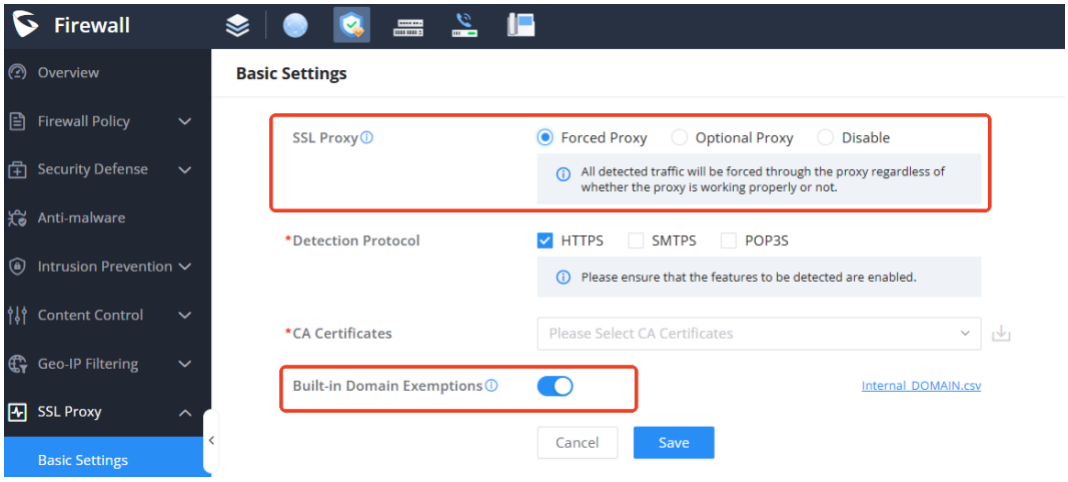
- Added DNS Filtering configuration and Redirect Blocked Webpage configuration



- Added new feature of File filtering



- **SSL Proxy → Basic Settings:** Added **Forced Proxy** and **Optional Proxy** configurations, and added **Built-in Domain Exemptions**



- **Security Log:** Added filter of **Firewall Policy**

- **Network Nodes**
  - **AP Management:** Added support for GWN767x models
  - **Switch Management:** Added support for GWN771x and GWN782x models
  - **Wi-Fi Management → SSIDs:** Changed the bandwidth limits for "Maximum Upstream Bandwidth" and "Maximum Downstream Bandwidth" to 1-10240 Mbps

BUG FIXING

- Fixed a bug that causes device unable to route traffic between OpenVPN® server and OpenVPN® client.
- Fixed a bug that IPS incorrect trigger for Intrusion.
- Fixed an issue that Wireguard VPN cannot handle Domains for Endpoint address.

FIRMWARE VERSION 1.0.7.32 (SYS)

PRODUCT NAME

GCC6020 / GCC6021

DATE

6/21/2025

FIRMWARE FILE INFORMATION

- GCC6020 system firmware file name: gcc602xfw.bin

  MD5 checksum: 8f3b81acbf8dfeea8b7411f87845ded5

- GCC6020 pbx firmware file name: gcc602xucm.bin

  MD5 checksum: 150d0d3f2cde1b6acd1cd41f79cb9020

- GCC6020 complete firmware file name: gcc602xfullyfw.bin

  MD5 checksum: 0d05c92de310747f779fda0f3de7dd34

CHANGES/ENHANCEMENT

- This is the initial release of GCC6020 system firmware.