

Global RUTOS changelog

Note: This page lists device-independent changelogs for each RUTOS firmware. Changes made to features that are not present in some devices, do not affect them. To download device specific firmware, navigate to **device Firmware Downloads** page.

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R_00.07.06.12

- **Improvements**
 - **Network**
 - Mobile: updated bridge/passthrough mode logic to flush ARP and add static ARP entry if MAC is specified
 - Mobile: added metric to default gateway when using passthrough mode
 - **Services**
 - OpenVPN: improved instance status state
- **Fix**
 - **Network**
 - FRR: patched CVE-2023-46752 and CVE-2023-46753 vulnerabilities
 - **Services**
 - OpenVPN: fixed the private key decryption for cases when a password is used
 - **System**
 - Dropbear: added CVE-2023-48795 patch

R_00.07.06.11

- **New**
 - **Network**
 - WebUI: Added 'starting' status when interface is just enabled

- **Improvements**
 - **Network**
 - Dnsmasq: updated to version 2.89
 - **System**
 - Certificates: updated Root CA certificates
- **Fix**
 - **Network**
 - WebUI: fixed 'unknown' status being displayed for disabled interfaces initially
 - Firewall: fixed higher amounts of custom firewall rules not saving
 - WebUI: fixed network and failover interface metric sorting synchronization issue
 - WebUI: fixed mobile connection reload when changing DHCP server settings
 - **System**
 - Events Log: fixed log.db hangs on rare occasions

R_00.07.06.10

- **Fix**
 - **System**
 - Ledman: fixed memory leak
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R_00.07.06.8

Firmware R_00.07.06.8 was removed due to an issue with inefficient memory allocation for LED control.

- **New**
 - **WebUI**
 - Added eSIM support
 - **Improvements**
 - **Services**
 - IPsec: disabled libgmp in favor of openssl
 - IPsec: updated Strongswan to 5.9.6
 - **Fix**
 - **Network**
 - Mobile: fixed an issue where RMS was reporting incorrect signal values with SLM750 modems
 - **Services**
 - IPsec: increased charon load timeout
 - IPsec: fixed loading of large private keys
 - **System**
 - Ledman: fixed signal strength LEDs indication for RUT2 and RUT9 family devices
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R_00.07.06.6

- **New**
 - **Services**

- Added domain and subdomain options for external landing page in Hotspot
 - **Improvements**
 - **System**
 - Minified *.svg WebUI files to save space on the device
 - Removed unused easy-rsa package to increase free space
 - **Fix**
 - **Network**
 - Fixed mobile daily data usage representation
 - Fixed the issue with Wireless bgscan functionality not operating correctly
 - **Services**
 - Fixed OverIP serial utility issue where after some time server mode can't accept incoming connections anymore
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R_00.07.06.5

- **New**
 - **Network**
 - Added support for multi line USSD
 - **WebUI**
 - Added PoE configuration support in Network->Ports->Ports Settings for OTD140 device
- **Improvements**
 - **Network**
 - Improved DMZ to use its source zone on port forwards creation
 - **System**
 - Updated netifd version to 2024-01-04
 - Updated PPP package version to 2.4.9
 - Updated E2fsprogs package version to 1.47.0
 - Updated Musl package version to 1.2.4
- **Fix**
 - **Network**
 - Fixed possible packet corruption on RUTX devices with mobile
 - Fixed incorrect Wireless MAC address assignment for TCR100
 - Fixed an issue where SLM750 modems would display incorrect signal values
 - Fixed an issue where DNS resolution failed for wireless clients connected to an access point configured on a specific VLAN
 - **Services**
 - Fixed Modbus TCP Over Serial Gateway crash occurring at start up in some edge cases
 - Fixed Hotspot themes packages appearing on devices with no hotspot
 - Fixed tailscale VPN firewall zone creation issue
 - Fixed custom GPS NMEA prefix
 - Fixed issue of OPC UA Server service not launching on some TRB14X devices
 - **WebUI**
 - Fixed action descriptions in the traffic rules table
 - fixed BACnet allow remote access functionality
 - Added 'Ports Settings' configuration page for OTD140
 - **System**
 - Fixed WiFi LED indication when access point is turned off

- Fixed year 2038 problem with time counter overflow on all devices except TRB500
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R_00.07.06.4

- TRB14X-only firmware. See **R_00.07.06.3** for changelog.
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R_00.07.06.3

- **Improvements**

- **Services**

- Added multiple hosts support for GPS HTTPS, NMEA and AVL services
 - Increased DLMS Client connection timeout for TCP sockets

- **Fix**

- **Services**

- Fixed DLMS Client memory leak with profile generic COSEM class
 - Fixed function 5 not working with high register numbers in MQTT Modbus Gateway service

- **WebUI**

- Fixed Events Log sorting and search features

- **System**

- Patched CVE-2024-0193 vulnerability
 - Patched CVE-2023-51779 vulnerability
 - Updated OpenSSH to 9.6p1 version, fixed CVE-2023-51385 and CVE-2023-51384
 - Fixed profile migrations, added error handling when trying to change profile while it is still applying