

Template:Networking rutx firmware change log old

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[RUTX_R_00.02.01.1 | 2020.01.15](#)

- New features:
 - Email to SMS
 - Static IP lease
 - SMS OTP and MAC auth in Hotspot
 - Hotspot logs
 - TOS in HotSpot
 - Custom URL parameters while using external landing page in Hotspot
 - Expiration time for Hotspot
 - Wireless status page
 - USB mount settings
 - Site blocking list from file
 - Events Reporting via Email
 - STunnel
 - Multi-User support
 - Mobile page
 - Operators control
 - Bluetooth passive device scanning
 - Hotspot 2.0
 - Modbus MQTT gateway
 - Package manager
 - RUT FOTA
 - TR-069
- Improvements:
 - Deleted OpenVPN forward rule on instance deletion
 - Improved "SMS Forwarding to Email" field validations
 - Rename IPsec fields from right/left to remote/local

- Bluetooth style improvements
 - Applied same style on all scheduler templates
 - Renamed "Setup Wizard" steps
 - Renamed "IPv4 and IPv6 routes" headings
 - Renamed "User groups" to "Users & Recipients"
 - Added "Clear data limit" on a specific date
 - Enable/Disable all SMS-Utilities rules at once
- Fixes:
 - Fixed WAN mobile interfaces reload
 - Fixed parsing interface IP address in WAN
 - Fixed OSPF "Hello Interval" field hint
 - Fixed field validation on "Port Forward" create form
 - Fixed display build date
 - Removed "Bring up on boot" option
 - Fixed Mobile page with additional USB modem
 - Fixed creating SNAT rule without port
 - Fixed SDK archive name

[RUTX_R_00.02.00.2](#) | **2019.10.11**

- Fixes:
 - WiFi fix

[RUTX_R_00.02.00.1](#) | **2019.09.27**

- New features:
 - Auto APN
 - MQTT
 - Web Filter
 - Dynamic Routes
 - GRE over IPsec
 - Wireless Hotspot
 - VRRP
 - HTTP POST/GET
 - Network Shares
 - VLAN multiple tags functionality
 - SMS HTTP POST/GET
 - SMS Forwarding
 - Auto Reply
 - SMS storage
 - Switch back to primary SIM
 - Email groups
 - Default VPN firewall zones
 - Support for XT25F128B spi-nor memory
 - Support for Bluetooth
- Improvements:
 - Updated Kernel to version 4.14.131
 - Updated Strongswan to version 5.8.0
 - Updated curl to version 7.60.0.4 (fixes CVE-2018-14618, CVE-2018-16839, CVE-2018-16840, CVE-2018-16842, CVE-2019-3823, CVE-2019-3822, CVE-2018-16890)

- Updated mosquitto to version 1.5.8
 - Updated dnsmasq to version 2.80
 - Updated iptables to version 1.6.2
 - Updated openssl to version 1.0.2s
 - Updated zlib to version 1.2.11
 - Updated hostapd to the 2018-05-21 version (fixes CVE-2019-9494, CVE-2019-9495, CVE-2019-9496, CVE-2019-9497, CVE-2019-9498, CVE-2019-9499, CVE-2019-11555)
 - Updated fstools to the 2019-03-28 version
 - Updated procd to the 2018-03-28 version
 - Updated rpcd to the 2018-11-28 version
 - Updated ubox to the 2018-02-14 version
 - Updated ubus to the 2018-10-06 version
 - Updated uci to the 2019-05-17 version
 - Updated Firewall to the 2018-08-13 version
 - Updated netifd to the 2019-01-31 version
 - Updated uhttpd to the 2018-11-28 version
 - Switched to mac80211 WiFi driver
 - Updated IPsec page
 - Updated DMVPN page
 - Updated Overview configuration page
- Fixes:
 - Fixed operator name parsing
 - Fixed serial reading
 - Fixed SIM card PIN code setting
 - Fixed I/O event handling
 - Fixed backup save after device restart
 - GPS init script fixes
 - IPsec page rework
 - Failover/Load Balancing mobile interface fixes
 - L2TP/PPTP/SSTP configuration fixes
 - TX power save setting fixes
 - Refactored profiles functionality
 - Added write to config option in Call Utilities
 - Wireless config migration fix
 - Firmware checksum fix

RUTX_R_00.01.06 | 2019.07.24

- New features:
 - Added Wake on LAN feature
 - Added SSTP VPN support
 - Added mobile bridge feature
 - Added Status → Network page
 - Added SIM Switch feature
 - Added SMS Limit feature
 - Added save and restore SIM PIN code from flash
 - Added feature to monitor switch port events
 - Added Events Reporting send to RMS functionality
 - Added FOTA support for RUTX08, RUTX10, RUTX11
 - Added Modbus TCP master function

- Improvements
 - Added microcontroller version information
 - Updated Wireless page design and WiFi widget in overview page
 - Updated Overview widget style
 - Updated stm32 firmware
 - Updated LED logic
 - Changed check for new FW logic
 - WebUI style updates
- Fixes:
 - Fixed multiwan function. Changed firewall traffic control to routing rules control
 - NTP time zone display fix
 - LED functionality fix
 - Changed time function used for rollback timestamps
 - Login form updated and other fixes
 - Fixed firmware update checksum mismatch
 - lua error on map when GPS is disabled fix
 - Firmware update percentage and check box fix
 - LAN interface creation with short names fix
 - WAN state and IP print fixes
 - OpenVPN new port save in firewall rule fix
 - RUT FOTA bug fixes

[RUTX_R_00.01.04.5](#) | 2019.06.14

- Improvements:
 - Revert settings logic updated
- Fix:
 - Firmware update checksum mismatch fix
 - DHCP dnsmasq fix
 - Wireless improvements and bug fixes
 - Increased RMS HTTP Proxy resource limit

[RUTX_R_00.01.04.1](#) | 2019.05.17

- New features:
 - Add initial wireless support
 - Added SNMP support
 - Added Advanced Routing functionality
 - Added L2TP VPN
 - Added PPTP VPN
- Improvements:
 - Added signal strength logging and reporting to Events Log
 - Added authentic firmware check
 - OpenSSL updated to version 1.0.2r
- Fixes:
 - Wireless improvements and bug fixes
 - Fixed IPsec Phase 1 and Phase 2 keys lifetime not saving bug
 - Input Output improvements and bug fixes
 - Fixed router values sent from SMS utilities

- WebUI style fixes
- Fixed RMS proxy multiform submits

RUTX_R_00.01.03 | 2019.04.25

- New features:
 - Adapted WebUI for RUTX08
 - Added DMVPN support
 - Added HTTP support
 - Added SMS message input field validation and counter
 - Added UPnP support
 - Added GRE Tunnel support
 - Implemented dynamic routing with BGP, OSPF, RIP, EIGRP and NHRP protocols
 - Added manual network band lock support
 - Added Events Log
 - Added Events Reporting
- Improvements
 - Updated OpenVPN client count to 20
 - WebUI style updates
- Fixes:
 - Profile scheduler fixes
 - Mobile service crash fix
 - Ping Reboot IP field validation fix
 - LED functionality related fixes

RUTX_R_00.01.02 | 2019.03.19

- New features:
 - Added configuration profiles
 - Updated WebUI style
 - Added Reboot button
- Improvements:
 - curl updated to version 7.64.0
 - openssl updated to version 1.0.2q
 - dropbear updated to version 2018.76
 - busybox updated to version 1.28.3
 - ustream-ssl updated to latest version
 - OpenVPN updated to version 2.4.6
 - OpenVPN-Easy-RSA updated to version 3.0.4
 - ubus updated to version 2018-10-06
 - uhttpd updated to version 2018-11-28
 - NTP updated to version 4.2.8p12
- Fixes:
 - Root CA validation and page style fixes
 - Hardware compatibility check fix
 - DDNS force IP renew fix
 - Site Blocking enable column fix

- Don't show rules in Load Balancing mode when in failover page fix

RUTX_R_00.01.01 | 2019.02.05

- New features:
 - Initial firmware release