



## Firmware for OnCell G4302-LTE4 Series Release Notes

<b>Version: v3.13.0</b>	<b>Build: 24100800</b>
<b>Release Date: Oct 08, 2024</b>	

### Applicable Products

OnCell G4302-LTE4 Series

### Supported Operating Systems

N/A

### New Features

- Added support for the Loopback Interface function.
- Added support for event-triggered actions to the VRRP function.
- Added support for UDP-Flood to the DoS Policy function.
- Added SNMP Trap as a Log Destination for the Layer 2 Policy function.
- Added support for additional event log export formats: .pdf, .csv.
- Added a CPU usage threshold alarm to the Event Notifications function.
- Added a port usage threshold alarm to the Event Notifications function.
- Added support for Step7 Comm+, OPC UA, and MELSEC to the Advanced Protection function.

### Enhancements

- Enhanced the following IPsec algorithms.
  - Encryption: AES-256-GCM
  - Hash: SHA-512
  - DH Group: DH15 (modp3072), DH16 (modp4096), DH17 (modp6144), DH18 (modp8192), DH22 (modp1024s160), DH23 (modp2048s224), DH24 (modp2048s256), DH31 (curve25519)
  - PRF: PRF SHA-256, PRF SHA-384, PRF SHA-512
- Added a syslog option for VRRP State Changes notifications.
- A detailed log message will now be recorded when importing a configuration fails.
- Users can now select multiple inbound interfaces within the same group address for static multicast routes.
- Added support for DHCP error logs.
- Added support for the Modbus protocol to the Advanced Protection function in the CLI.
- Added support for RFC 5424 format for syslog messages.
- Added support for Default Action Log to the Layer 3-7 Policy function.

### Bugs Fixed

- The maximum supported number of tunnels shown at the bottom of the IPsec Settings page is incorrect.
- The "Login Authentication Failure Message" does not save properly.
- Using the newline character (\n) in the 'Login Message' and 'Login Authentication Failure Message' causes abnormalities in the output.
- The system is unable to ping the VRRP virtual IP.
- Users are able to bypass password policy violation warnings by pressing ESC on the keyboard.
- Time zone settings are not saved if GMT is set to 0.
- The device randomly reboots several times after powering on.
- CVE-2024-6387 vulnerability issue. For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-246387.
- CVE-2024-9137, CVE-2024-9139 vulnerability issues. For more details, search the Security Advisories section on the Moxa website for the following Security Advisory ID: MPSA-241154.
- CVE-2024-1086 vulnerability issue. For more details, search the Security Advisories section on the



Moxa website for the following Security Advisory ID: MPSA-249807.

### **Changes**

- Changed the Trusted Access behavior: Trusted Access now applies to the Web UI, CLI, and New Moxa Command interfaces.
- Changed the Preempt Delay range for the VRRP function from 10 to 300 to 0 to 300.
- Changed the maximum password and share key length to 64 characters.
- The password and shared key now support special characters.

### **Notes**

N/A



<b>Version: v3.9.0</b>	<b>Build: 24060420</b>
<b>Release Date: Jun 04, 2024</b>	

## Applicable Products

OnCell G4302-LTE4 Series

## Supported Operating Systems

N/A

## New Features

- Added support for TACACS+ authentication.
- Added support for LAN ID to DHCP Option 82 in the DHCP relay agent.
- Added support for Proxy ARP for LAN interfaces.
- Added support for MRC Quick Link Ultra v4.0.0.
- Added support for Deep Packet Inspection (DPI).

## Enhancements

- Increased maximum number of static multicast entries from 256 to 1000.
  - Increased the maximum username length to 32 characters for local account, SNMP, RADIUS, and IEEE 802.1X authentication.
  - Increased the maximum length of passwords, communities, and shared keys to 64 characters for local account, SNMP, RADIUS, and IEEE 802.1X authentication.
  - Unified the range of supported special characters for local account, SNMP, RADIUS, and IEEE 802.1X.
  - Modified the DoS policy for Flood Protection to allow independent limit ranges for each interface.
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## Bugs Fixed

- Users are unable to access the web console if their login password includes "\$\$".
- Units are incorrectly displaying as "packets" on the vertical axis of network statistics.
- Network statistics values are inaccurate when using ports for measurement.
- Restoring the device configuration may fail under specific circumstances.
- The allowed characters for the Password Policy are shown incorrectly.

## Changes

N/A

## Notes

N/A



<b>Version: v3.0.0</b>	<b>Build: 23082321</b>
<b>Release Date: Aug 31, 2023</b>	

**Applicable Products**

OnCell G4302-LTE4 Series

**Supported Operating Systems**

N/A

**New Features**

- Added support for the MXsecurity Series management software v1.1.0 through MXsecurity Agent Package v2.0.13.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A