Firmware for OnCell G3150A-LTE Series Release Notes

<table>
<thead>
<tr>
<th>Version: v1.5</th>
<th>Build: N/A</th>
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<td>Release Date: Jun 04, 2019</td>
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Applicable Products
OnCell G3150A-LTE

Supported Operating Systems
N/A

New Features
N/A

Enhancements
N/A

Bugs Fixed
• GPS status information not correct.
• Incorrect time zones setting resulting in OpenVPN certification valid date error.
• No socket connection timeout to recover web console crash.
• Does not support serial port buffering in UDP and RFC2217 mode

Changes
• Device will reboot when module fails to recover for more than 2 times using Guaranlink.

Notes
N/A
Applicable Products

Supported Operating Systems
N/A

New Features
System automatically reboots when the restart time (triggered by GuaranLink) of a module = 30 seconds.

Enhancements
N/A

Bugs Fixed
• Web data overflow for invalid settings.
• OpenVPN compatibility issue between firmware version 2.3.10 and 2.4.6.
• Error handler issue when “IP information fail” is received from a module.
• Email alarm message does not have device information.

Changes
• Modified cellular IP netmask to 255.255.255.255 and changed cellular gateway to cellular IP.
• Disable OCM service and TCP port 4900 when the Moxa service is disabled.

Notes
N/A
Applicable Products

Supported Operating Systems
N/A

New Features
- [Web] Rejects browser requests if POST data contains invalid characters.
- Device will reset the configuration to default value if input contains " " | ; &
- Device configuration changes due to input of invalid characters will be recorded in the system log.

Enhancements
N/A

Bugs Fixed
- Unauthorized user can execute Linux commands through the Web console, telnet, SSH login, and HTTP.
- Serial opmode cannot initiate TCP connection
- Web page logout issue due to multiple Ajax requests.
- Webpage logout issue when exporting VPN log files.

Changes
N/A

Notes
N/A
**Applicable Products**

**Supported Operating Systems**
N/A

**New Features**
- [Web] Cookie is generated for each login.
- [Web] Protection against CSRF (Cross-Site Request Forgery) Vulnerability.
- [Web] Alert message to the user to use HTTP when changing the password.
- [Web] Password encryption.
- Scheduled Restart: User can set two schedules for device auto reboot.
- Modem Mode: Users can send SMS from the serial port by using AT commands.
- Prevents cellular module unexpectedly entering low-power mode.

**Enhancements**
N/A

**Bugs Fixed**
- [Web] Device information can be retrieved without user login.
- [Web] Browser will redirect to invalid web page when the web page is tampered.
- [Web] Unauthorized Linux commands can be executed through the web UI.
- [Web] Web server may crash when an invalid URL is entered.
- [Web] Denies login request when the device detects CSRF (Cross-Site Request Forgery).
- SNMP trap: Add 5 minute trap server alive check prior to sending trap messages.

**Changes**
N/A

**Notes**
N/A
**Applicable Products**

**Supported Operating Systems**
N/A

**New Features**
N/A

**Enhancements**
N/A

**Bugs Fixed**
- [Config Check] Period range for password validity is wrong.
- [Accessible Net List] Support group check to ensure that source IP or netmask is not empty.

**Changes**
N/A

**Notes**
N/A
Applicable Products

Supported Operating Systems
N/A

New Features
• First release.

Enhancements
N/A

Bugs Fixed
N/A

Changes
N/A

Notes
N/A