

## AirLink® MG90 Certificate Expiry

### OVERVIEW

<b>DATE ISSUED:</b>	11-Aug-2025
<b>ISSUED BY:</b>	Semtech Product Management
<b>PRODUCTS AFFECTED:</b>	AirLink® MG90 4G/5G Routers running MGOS version 4.4.2.0 or older & AM/AMM On-Premises Instances
<b>FOR DISTRIBUTION TO:</b>	AirLink® MG90 4G/5G Customers
<b>DETAILS:</b>	<p><b>MG90 Devices</b></p> <p>This bulletin is to remind customers that AirLink® MG90 devices running MGOS version 4.4.2.0 or older require immediate action to maintain remote management capacities with AM/AMM. MGOS version 4.4.2.0 or older contains a management certificate that is set to expire on September 27, 2025, and this expiry will cause remote management functionality through AM/AMM platforms to no longer function.</p> <p>MG90 routers already running MGOS 4.4.2.1 or higher already have an updated certificate, so no immediate action is required, although Semtech always recommends keeping routers up to date with the latest available firmware.</p> <p><b>AM/AMM On-Premises</b></p> <p>Customers running AM/AMM versions earlier than 2.17.4 are also affected by the same certificate expiration and may experience loss of device management capabilities.</p> <p>Reference: AM/AMM Certificate Expiration was previously announced on 27-January-2025 in the following <a href="#">bulletin</a>.</p>

## PRODUCT SUPPORT

### ACTION

#### Upgrade MGOS Firmware

Semtech recommends upgrading all MG90 devices running MGOS version 4.4.2.0 or older to 4.4.3.1. Please follow the MG90 upgrade path table listed below for reference.

#### Upgrade AM/AMM Version

If your AirLink Mobility Manager (AM/AMM) instance is older than version 2.17.4, you must upgrade to AMM 2.17.5 or later to ensure certificate compatibility and uninterrupted management access. If an AMM upgrade is required, it is recommended to upgrade AMM before upgrading the devices.

#### MG90 4G Upgrade Path - OTA

Current MGOS Version	Upgrade To
4.4.3	4.4.3.1
4.4.2.3	
4.4.2.2	
4.4.2.1	
4.4.2	4.4.2.1
4.3.1.2	4.4.3.1
4.3.1.1	4.3.1.2
4.3.1	
4.3.0.1	
4.3.0	
4.2.3	
4.2.2.2	
4.2.2	
4.2.1	4.3.0.1
4.1.2.2/4.2.0.2	
4.2.0	4.2.0.2
4.1.x	4.1.2.2
4.0.x	4.1

### Upgrade Path

### MG90 5G Upgrade Path - OTA

Current MGOS Version	Upgrade To
4.4.3.0	4.4.3.1
4.4.2.X	
4.4.1 (See Note 1)	
4.4.0	4.4.1 (See Note 1)

### MG90 4G Upgrade Path – USB Stick

Current MGOS Version	Upgrade To
4.0.x/4.1.x/4.2.1	4.2.2
4.2.2/4.2.2.x/4.2.3/4.3.0.x	4.3.1.6
4.3.1.2/4.3.1.6	4.4.3.1

### MG90 5G Upgrade Path – USB Stick

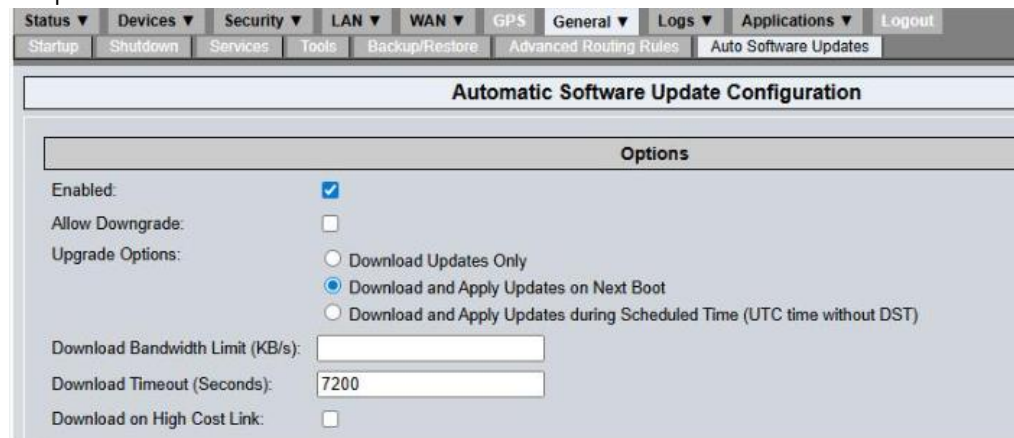
Current MGOS Version	Upgrade To
4.4.0	4.4.1 (See Note 1)
4.4.1 (See Note 1)	4.4.3.1

#### Note 1:

Customers upgrading from MGOS 4.4.0 or 4.4.1 must ensure that the EM9190 modules are running the correct carrier-specific firmware. Incorrect firmware may prevent the router from connecting to the network. Please refer to “Upgrading from MGOS 4.4.1—Confirm Correct EM9190 5G Radio Module Firmware” on page 7 of the [MGOS 4.4.3.1 Software Release Notes](#) or contact Support for detailed upgrade instructions.

#### Note:

To ensure reliability of OTA upgrades we recommend increasing the ‘Download Timeout (seconds)’ setting to 7200. This field is configurable under General > Auto Software Updates or by using a template.



The screenshot shows the 'Automatic Software Update Configuration' page. The 'Options' section is expanded, showing the following settings:

- Enabled: ☒
- Allow Downgrade: ☐
- Upgrade Options:
  - ☐ Download Updates Only
  - ☒ Download and Apply Updates on Next Boot
  - ☐ Download and Apply Updates during Scheduled Time (UTC time without DST)
- Download Bandwidth Limit (KB/s):
- Download Timeout (Seconds):
- Download on High Cost Link: ☐

## CONTACT

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### SUPPORT:

Ask for support here:

- [www.sierrawireless.com/support](http://www.sierrawireless.com/support)

Sign up to the Source for product resources and subscribe to product bulletins here:

- [source.sierrawireless.com](http://source.sierrawireless.com)

Sign up for Semtech Security Bulletins here:

- <https://www.sierrawireless.com/company/iot-devicesecurity/security-bulletins>

## REVISION HISTORY

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**11-Aug-2025**

Initial Release