4G LTE Connection Management Tool

Software Release Notes

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Software Release Notes

1 ed-clte V2.0.4 Version

Introducing the detailed information of the `ed-clte V2.0.4` version.

> TIP
>
> The old version of the 4G LTE connection management tool was named ed-qmi-tool, and it was renamed to ed-clte starting from version V2.0.4.

1.1 Version Overview

- Version Number: V2.0.4
- Release Date: 2026.09.23
- Release Type: Stable Release
- Prerequisite: Upgraded from `V2.0.3`

1.2 Version Upgrade Description

This release primarily fixes known issues found in previous versions and includes optimizations and enhancements to certain features.

1.3 New Features

- Multi-target online detection: Online detection addresses adjusted to `8.8.8.8`, `1.1.1.1`, `223.5.5.5`, `114.114.114.114`, with support for user-customizable detection addresses.
- User-defined detection scripts: Users can write custom scripts for network connectivity checks.
- Automatic network priority switching: When a higher-priority network interface becomes unavailable, the system automatically switches to the next available network; when the higher-priority interface recovers, it automatically switches back.

1.4 Optimizations

- Persistent reconnection during long 4G reset intervals: Continuously monitors 4G network status and attempts reconnection during extended module reset intervals, reducing downtime.
- Improved firmware package naming: Optimized the naming convention for 4G module firmware packages for easier version identification and batch upgrade management.

1.5 Issue Fixes

- Fixed unstable 4G module IP acquisition: Resolved intermittent IP loss or failure to obtain a new IP address.
- Fixed network priority management anomaly: Corrected boundary condition errors in the priority switching logic to ensure expected behavior.

- Fixed device disconnection when WLAN is turned off: Fixed an issue where the default route failed to fall back to wired or 4G networks after turning off the wireless network, causing complete device disconnection.
- Optimized 4G online detection mechanism: Removed the single dependency on ping edatec.cn and replaced it with multi-target probing for improved detection stability and reliability.

1.6 Upgrade Guide

If you are currently using a version of the software prior to ed-clte V2.0.4, it is recommended to upgrade by referring to the Installation section.