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# ModusToolbox™ 2.3.1 Patch Release Notes

## Overview

ModusToolbox software is a set of tools that enable you to integrate Cypress devices into your existing development methodology. ModusToolbox software consists of various libraries and middleware on GitHub, as well as an IDE and tools package installed on your computer. For more details about what is included with ModusToolbox software, refer to the [ModusToolbox User Guide](#).

This release is a patch to the ModusToolbox 2.3 tools installation package. This document describes the features and known limitations for tools included with this patch.

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## Installation

You must have already installed the ModusToolbox 2.3 tools package before installing this patch. If you do not already have the ModusToolbox 2.3 tools package installed, refer to the [ModusToolbox Installation Guide](#) for instructions.

- For **Windows** and **macOS**, launch the installer and follow the instructions.
- For **Linux**, extract the ModusToolbox\_2.3.1.xxxx-linux-install.tar.gz file into the existing directory where the ModusToolbox 2.3 tools package was installed.

## What's Included/Changed

This patch release is an update to various tools provided with the ModusToolbox tools package version 2.3 release. This release includes the following updates:

- New LIN Configurator version 1.0 (Beta). New tool to generate build-time configuration for the LIN middleware, which can be used along with your application code for a target device.
- Updated Machine Learning (ML) Configurator version 1.10 (Production). The configurator and associated tools installed on disk have been updated from the previous Beta release.
- Updated Bluetooth Configurator 2.40 (Production) to support the BTSTACK version 3.0.
- Updated cysecuretools (v3.1.0) to optimize flash memory consumption for "secure" firmware updates using the SWAP function. This feature is only available to parts with 2 MB on-chip flash memory. Also updated the shipping version of Python to version 3.7.155 on Windows hosts.

## Open Source

Portions of this software package are licensed under free and/or open source licenses such as the GNU General Public License. Such free and/or open source software is subject to the applicable license agreement and not the Cypress license agreement covering this software package. The applicable license agreements are available online:

<http://www.cypress.com/documentation/software-and-drivers/free-and-open-source-software-download-page>

## Further Reading

For more information about what was changed for a specific tool in this patch release, refer to that tool's documentation. For more information about ModusToolbox software in general, refer to the following:

- [ModusToolbox 2.3 Tools Package Release Notes](#)
- [ModusToolbox Installation Guide](#)
- [ModusToolbox User Guide](#)

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