



Applicability of ThreadX middleware vulnerabilities on STM32Cube packages

Overview

This security bulletin pertains to the applicability of ThreadX middleware vulnerabilities on STM32Cube packages.

Description

The ThreadX software component is redistributed inside some of the STM32Cube packages, including STM32Cube firmwares and STM32Cube Expansion packages (X-CUBE). This means that the ThreadX vulnerabilities available in Eclipse Foundation site <https://www.eclipse.org/security/known/> are applicable to STM32Cube packages supporting ThreadX.

To know if an STM32 package is impacted, check if ThreadX software component is redistributed in your package. If so, check the version of ThreadX to understand which ThreadX vulnerabilities are applicable to your STM32Cube package.

Software component relative path	File to read to get ThreadX version used in the package
./Middlewares/ST/threadx/	st_readme.txt

To fix the vulnerability, reconfigure the affected package with a version of the ThreadX component having the vulnerabilities fixed, obtained from <https://github.com/eclipse-threadx/threadx>.

Contact information

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See also ThreadX vulnerability CVE-2023-48693.

Revision history

Table 1. Document revision history

Date	Version	Changes
22-Apr-2026	1	Initial version.

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