Security advisory TN1488-ST-PSIRT: OpenThread "Missing Key ID Mode validation when processing 6LoWPAN frames" security vulnerability

Overview

This security advisory pertains to the "Missing Key ID Mode validation when processing 6LoWPAN frames" vulnerability reported by the OpenThread foundation.

Affected products

Product	Version	Type	Note
STM32CubeWB	version v1.16.0 and earlier	embedded software	-

How to verify the product is affected

This issue relates to the embedded software listed above.

Description

Refer to the advisory *Missing Key ID Mode validation when processing 6LoWPAN frames*[1] available from the OpenThread GitHub repository.

Impact

Refer to the advisory *Missing Key ID Mode validation when processing 6LoWPAN frames*[1] available from the OpenThread GitHub repository.

Remediation

The vulnerability is fixed in STM32CubeWB starting from the version v1.17.0.

The updates can be found at the following location: STM32CubeWB. STMicroelectronics recommends that the users update their software to the most recent version.

Credit

OpenThread foundation.

Contact information

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(1) *The URL belongs to a third party. It may be moved, modified, and/or inactivated by them at anytime. STMicroelectronics is not responsible for the content of the referenced website.*

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Revision history

Table 1. Document revision history

Date	Version	Changes
11-Oct-2023	1	Initial release.

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