CVE-2020-10061

Published on: 06/05/2020 12:00:00 AM UTC

Last Modified on: 10/18/2021 12:35:00 PM UTC

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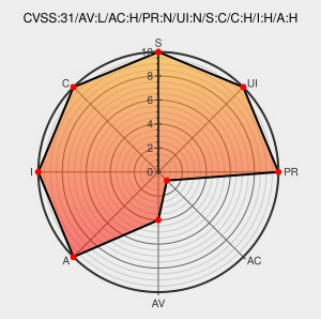

Certain versions of Zephyr from Zephyrproject contain the following vulnerability:

Improper handling of the full-buffer case in the Zephyr Bluetooth implementation can result in memory corruption. This issue affects: zephyrproject-rtos zephyr version 2.2.0 and later versions, and version 1.14.0 and later versions.

CVE-2020-10061 has been assigned by vulnerabilities@zephyrproject.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **zephyrproject-rtos** - **zephyr** version **>= 2.2.0**

Affected Vendor/Software: **zephyrproject-rtos** - **zephyr** version **>= 1.14.0**

CVSS3 Score: 8.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 5.8 - MEDIUM

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link

[backport v1.14] Bluetooth: controller: legacy: Backport v2.2 to v1.14-branch by cvinayak · Pull Request #23091 · zephyrproject-rtos/zephyr · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/pull/23091
Vulnerabilities — Zephyr Project Documentation	Vendor Advisory docs.zephyrproject.org text/html	MISC docs.zephyrproject.org/latest/security/vulnerabilities.html#cve-2020-10061
Bluetooth: controller: split: Fix regression handling invalid packet sequence by cvinayak · Pull Request #23516 · zephyrproject-rtos/zephyr · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/pull/23516
[backport v2.2] Bluetooth: controller: split: Fix regression in handling invalid pkt seq by cvinayak · Pull Request #23547 · zephyrproject-rtos/zephyr · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/pull/23547
[ZEPSEC-75] Error handling invalid packet sequence - Zephyr Project Security Issues	Third Party Advisory zephyrprojectsec.atlassian.net text/html	MISC zephyrprojectsec.atlassian.net/browse/ZEPSEC-75
Bluetooth: controller: legacy: Fix regression handling tx pool corruption by cvinayak · Pull Request #23517 · zephyrproject-rtos/zephyr · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/pull/23517

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Zephyrproject	Zephyr	All	All	All	All
Operating System	Zephyrproject	Zephyr	All	All	All	All

cpe:2.3:o:zephyrproject:zephyr:*:*:*:*:*:*:*:*:

cpe:2.3:o:zephyrproject:zephyr:*:*:*:*:*:*:*:*:

Discovery Credit

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