CVE-2020-10068

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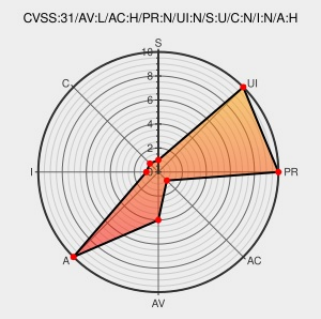

Certain versions of Zephyr from Zephyrproject contain the following vulnerability:

In the Zephyr project Bluetooth subsystem, certain duplicate and back-to-back packets can cause incorrect behavior, resulting in a denial of service. This issue affects: zephyrproject-rtos zephyr version 2.2.0 and later versions, and version 1.14.0 and later versions.

CVE-2020-10068 has been assigned by vulnerabilities@zephyrproject.org to track the vulnerability - currently rated as MEDIUM severity.

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

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

CVSS3 Score: 6.5 - MEDIUM

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

CVSS2 Score: 3.3 - LOW

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

CVE References

Description	Tags	Link

Vulnerabilities — Zephyr Project Documentation	Vendor Advisory docs.zephyrproject.org text/html	MISC docs.zephyrproject.org/latest/security/vulnerabilities.html#cve-2020-10068
[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
Bluetooth: controller: legacy: Fix DLE duplicate requests by cvinayak · Pull Request #23708 · zephyrproject-rtos/zephyr · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/pull/23708
[backport v2.2] Bluetooth: controller: split: Fix DLE duplicate requests by cvinayak · Pull Request #23964 · zephyrproject-rtos/zephyr · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/pull/23964
[ZEPSEC-78] Zephyr Bluetooth DLE duplicate requests vulnerability - Zephyr Project Security Issues	Third Party Advisory zephyrprojectsec.atlassian.net text/html	MISC zephyrprojectsec.atlassian.net/browse/ZEPSEC-78
Bluetooth: controller: split: Fix DLE duplicate requests by cvinayak · Pull Request #23707 · zephyrproject-rtos/zephyr · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/pull/23707

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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