



CVE-2020-10064

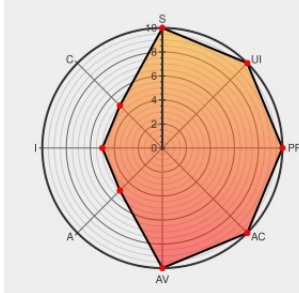
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CVE-2020-10064

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:C/C:L/I:L/A:L



Certain versions of [Zephyr](#) from [Zephyrproject](#) contain the following vulnerability:

Improper Input Frame Validation in ieee802154 Processing. Zephyr versions $\geq$ v1.14.2, $\geq$ v2.2.0 contain Stack-based Buffer Overflow (CWE-121), Heap-based Buffer Overflow (CWE-122). For more information, see <https://github.com/zephyrproject-rtos/zephyr/security/advisories/GHSA-3gvq-h42f-v3c7>

CVE-2020-10064 has been assigned by vulnerabilities@zephyrproject.org to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [zephyrproject-rtos](#) - **zephyr** version $\geq$ v1.14.2

Affected Vendor/Software: [zephyrproject-rtos](#) - **zephyr** version $\geq$ v2.2.0

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description

Improper Input Frame Validation in ieee802154 Processing · Advisory · zephyrproject-rtos/zephyr · GitHub

github.com

text/html

MISC

github.com/zephyrproject-rtos/zephyr/security/advisories/GHSA-3gvq-h42f-v3c7

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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:*:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-10064 : Improper Input Frame Validation in ieee802154 Processing. Zephyr versions >= v1.14.2, >= v2.2.0 co... twitter.com/i/web/status/1...	2021-05-24 22:43:29
/r/netcve	CVE-2020-10064	2021-05-24 23:41:36

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