

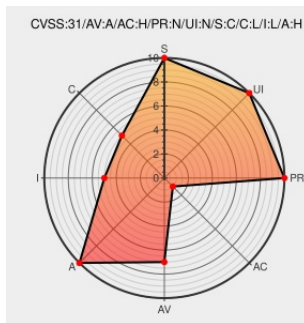


CVE-2021-3321

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CVE-2021-3321

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

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

Integer Underflow in Zephyr in IEEE 802154 Fragment Reassembly Header Removal. Zephyr versions $\geq 2.4.0$ contain Integer Overflow to Buffer Overflow (CWE-680). For more information, see <https://github.com/zephyrproject-rtos/zephyr/security/advisories/GHSA-w44j-66g7-xw99>

CVE-2021-3321 has been assigned by vulnerabilities@zephyrproject.org to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [zephyrproject-rtos](#) - **zephyr** version $\geq 2.4.0$

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
Integer Underflow in Zephyr in IEEE 802154 Fragment Reassembly Header	github.com	MISC github.com/zephyrproject-

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

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-3321 : Integer Underflow in Zephyr in IEEE 802154 Fragment Reassembly Header Removal. Zephyr versions >= >... twitter.com/i/web/status/1...	2021-10-12 21:53:34
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-3321 Description: Integer Underflow in Zephyr in IEEE 802154 Fragment R... twitter.com/i/web/status/1...	2021-10-12 23:00:09

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