CVE-2022-1841

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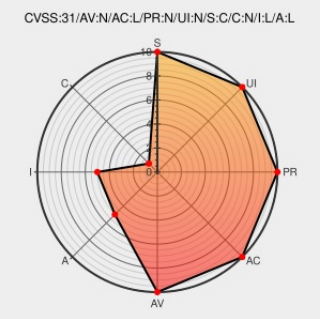
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Zephyr from Zephyrproject contain the following vulnerability:

In subsys/net/ip/tcp.c , function tcp_flags , when the incoming parameter flags is ECN or CWR , the buf will out-of-bounds write a byte zero.

CVE-2022-1841 has been assigned by vulnerabilities@zephyrproject.org to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **zephyrproject-rtos** - **zephyr** version **<= v3.0**

CVSS3 Score: 5.3 - MEDIUM

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

CVE References

Description	Tags	Link
Out-of-Bound Write in tcp_flags · Advisory · zephyrproject-rtos/zephyr · GitHub	github.com text/html	MISC github.com/zephyrproject-rtos/zephyr/security/advisories/GHSA-5c3j-p8cr-2pgh

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-2022-1841 : In subsys/net/ip/tcp.c , function tcp_flags , when the incoming parameter flags is ECN or CWR , the… twitter.com/i/web/status/1…	2022-08-31 19:46:50
/r/netcve	CVE-2022-1841	2022-08-31 20:38:41

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