CVE-2020-10024

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Summary

CVE	CVE-2020-10024
State	PUBLIC
Assigner	vulnerabilities@zephyrproject.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-05-11 23:15:00 UTC
Updated	2020-06-05 18:15:00 UTC
Description	The arm platform-specific code uses a signed integer comparison when validating system call numbers. An attacker who ha

Risk And Classification

Problem Types: CWE-697

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Zephyrproject	Zephyr	1.14.2	All	All	All
Operating System	Zephyrproject	Zephyr	2.1.0	All	All	All
Operating System	Zephyrproject	Zephyr	1.14.2	All	All	All
Operating System	Zephyrproject	Zephyr	2.1.0	All	All	All

References

Reference	Sou
arch: arm: userspace: fix syscall ID validation by ioannisg · Pull Request #23535 · zephyrproject-rtos/zephyr · GitHub	MIS
[ZEPSEC-30] ARM Platform Uses Signed Integer Comparison When Validating Syscall Numbers - Zephyr Project Security Issues	MIS
Arch arm userspace fix syscal eval by ioannisg · Pull Request #23323 · zephyrproject-rtos/zephyr · GitHub	MIS
Vulnerabilities — Zephyr Project Documentation	MIS
Backport: arch: arm: aarch32: userspace: fix syscall ID validation by d3zd3z · Pull Request #23498 · zephyrproject-rtos/zephyr · GitHub	MIS
CVE Program record	CVE
NVD vulnerability detail	NVD

Vendor Comments And Credit

Discovery Credit

LEGACY: NCC Group for report

There are currently no legacy QID mappings associated with this CVE.

CVE.report and Source URL Uptime Status status.cve.report