



CVE-2021-27433

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Summary

CVE	CVE-2021-27433
State	PUBLIC
Assigner	ics-cert@hq.dhs.gov
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-05-03 21:15:00 UTC
Updated	2022-05-12 19:15:00 UTC
Description	ARM mbed-ualloc memory library version 1.3.0 is vulnerable to integer wrap-around in function mbed_krbs, which can lead

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Arm	Mbed Ualloc	1.3.0	All	All	All

References

Reference	Source	Link
Multiple RTOS (Update D) CISA	CONFIRM	www.cisa.gov
Add integer overflow check to the malloc wrappers by LDong-Arm · Pull Request #14408 · ARMmbed/mbed-os · GitHub	CONFIRM	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

LEGACY: David Atch, Omri Ben Bassat, and Tamir Ariel from Microsoft Section 52, and the Azure Defender for IoT research group reported these vulnerabilities to CISA.

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

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