



CVE-2020-12883

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2020-12883
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-06-18 19:15:00 UTC
Updated	2021-07-21 11:39:00 UTC
Description	Buffer over-reads were discovered in the CoAP library in Arm Mbed OS 5.15.3. The CoAP parser is responsible for parsing

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Arm	Mbed Os	5.15.3	All	All	All
Operating System	Arm	Mbed Os	5.15.3	All	All	All

References

Reference	Source
Out of range memory access in MbedOS CoAP library parser - option number · Issue #12926 · ARMmbed/mbed-os · GitHub	MISC
Bugfix/coap parser mem access bugs by mjurczak · Pull Request #116 · ARMmbed/mbed-coap · GitHub	CONFIRMED
Out of range memory access in MbedOS CoAP library parser - option value length · Issue #12927 · ARMmbed/mbed-os · GitHub	MISC
Out of range memory access in MbedOS CoAP library parser · Issue #12925 · ARMmbed/mbed-os · GitHub	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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