



# CVE-2020-12887

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## Summary

<b>CVE</b>	CVE-2020-12887
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-06-18 19:15:00 UTC
<b>Updated</b>	2021-07-21 11:39:00 UTC
<b>Description</b>	Memory leaks were discovered in the CoAP library in Arm Mbed OS 5.15.3 when using the Arm mbed-coap library 5.1.5. TI

## Risk And Classification

**Problem Types:** CWE-190 | CWE-401

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Arm</a>	<a href="#">Mbed-coap</a>	5.1.5	All	All	All
Application	<a href="#">Arm</a>	<a href="#">Mbed-coap</a>	5.1.5	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Mbed Os</a>	5.15.3	All	All	All
Operating System	<a href="#">Arm</a>	<a href="#">Mbed Os</a>	5.15.3	All	All	All

## References

Reference	Source
<a href="#">Bugfix/coap parser mem access bugs by mjurczak · Pull Request #116 · ARMmbed/mbed-coap · GitHub</a>	CONFIRM
<a href="#">Implemented measures to prevent memory leaks in sn_coap_parser_option... · mjurczak/mbed-coap@4647a68 · GitHub</a>	MISC
<a href="#">Memory leak in MbedOS CoAP library parser - sn_coap_parser_options_parse() · Issue #12957 · ARMmbed/mbed-os · GitHub</a>	MISC
<a href="#">Integer overflow in MbedOS CoAP library parser · Issue #12930 · ARMmbed/mbed-os · GitHub</a>	MISC
<a href="#">CVE Program record</a>	CVE.ORG
<a href="#">NVD vulnerability detail</a>	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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