



CVE-2021-31571

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Summary

CVE	CVE-2021-31571
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-22 18:15:00 UTC
Updated	2021-06-02 18:34:00 UTC
Description	The kernel in Amazon Web Services FreeRTOS before 10.4.3 has an integer overflow in queue.c for queue creation.

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Amazon	Freertos	All	All	All	All

References

Reference	Source	Link	T
Improve heap2 bounds checking (#224) · FreeRTOS/FreeRTOS-Kernel@c7a9a01 · GitHub	MISC	github.com	
add assert for addition overflow on queue creation (#225) · FreeRTOS/FreeRTOS-Kernel@4733839 · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

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

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CVE.report and Source URL Uptime Status [status.cve.report](#)