



CVE-2021-27411

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

Summary

CVE	CVE-2021-27411
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 15:27:00 UTC
Description	Micrium OS Versions 5.10.1 and prior are vulnerable to integer wrap-around in functions Mem_DynPoolCreate, Mem_DynF

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Silabs	Micrium Os	All	All	All	All

References

Reference	Source	Link	Tags
Multiple RTOS (Update D) CISA	CONFIRM	www.cisa.gov	
Micrium OS - Silicon Labs	CONFIRM	www.silabs.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

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.

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

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