



CVE-2022-31169

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2022-31169
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-07-22 04:15:00 UTC
Updated	2022-08-03 18:33:00 UTC
Description	Wasmtime is a standalone runtime for WebAssembly. There is a bug in Wasmtime's code generator, Cranelift, for AArch64

Risk And Classification

Problem Types: CWE-682

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Bytecodealliance	Cranelift-codegen	All	All	All	All
Application	Bytecodealliance	Wasmtime	All	All	All	All

References

Reference	Source	Link	Tag
Miscompilation of constant values in division on AArch64 · Advisory · bytecodealliance/wasmtime · GitHub	CONFIRM	github.com	
Merge pull request from GHSA-7f6x-jwh5-m9r4 · bytecodealliance/wasmtime@2ba4bce · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	cancel
NVD vulnerability detail	NVD	nvd.nist.gov	cancel

No vendor comments have been submitted for this CVE.

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

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