



CVE-2022-31146

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

Summary

CVE	CVE-2022-31146
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-07-21 04:15:00 UTC
Updated	2022-07-27 22:42:00 UTC
Description	Wasmtime is a standalone runtime for WebAssembly. There is a bug in the Wasmtime's code generator, Cranelift, where fu

Risk And Classification

Problem Types: CWE-416

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	Tags
Use After Free with `externref`s in Wasmtime · Advisory · bytecodealliance/wasmtime · GitHub	CONFIRM	github.com	
GitHub - WebAssembly/reference-types: Proposal for adding basic reference types (anyref)	MISC	github.com	
GitHub - bytecodealliance/wasmtime: A standalone runtime for WebAssembly	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analy

No vendor comments have been submitted for this CVE.

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

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