



Wasmtime segfault or unused out-of-sandbox load with `f64x2.splat` operator on x86-64

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

Summary

CVE	CVE-2026-34944
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-09 19:16:24 UTC
Updated	2026-04-20 18:27:28 UTC
Description	Wasmtime is a runtime for WebAssembly. Prior to 24.0.7, 36.0.7, 42.0.2, and 43.0.1, On x86-64 platforms with SSE3 disabled

Risk And Classification

Primary CVSS: v4.0 4.1 MEDIUM from security-advisories@github.com

CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:A/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000060000 probability, percentile 0.003990000 (date 2026-04-15)

Problem Types: CWE-248 | CWE-248 CWE-248: Uncaught Exception

Version	Source	Type	Score	Severity	Vector
4.0	security-advisories@github.com	Secondary	4.1	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:A/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	DECLARED	4.1	MEDIUM	CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:A/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	nvd@nist.gov	Primary	5.7	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:U/C:N/I:N/A:H

CVSS v4.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

Low

User Interaction

Active

Confidentiality

None

Integrity

None

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:L/AC:L/AT:P/PR:L/UI:A/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:U/C:N/I:N/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Bytecodealliance	Wasmtime	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CVE-2023-38545	Bytecode Alliance	Wasmtime	0.14.0 - 0.15.0	Linux, Windows, macOS

CNA	Bytecodealliance	Wasmtime	affected < 24.0.7	Not specified
CNA	Bytecodealliance	Wasmtime	affected >= 25.0.0, < 36.0.7	Not specified
CNA	Bytecodealliance	Wasmtime	affected >= 37.0.0, < 42.0.2	Not specified
CNA	Bytecodealliance	Wasmtime	affected >= 43.0.0, < 44.0.1	Not specified

References

Reference	Source	Link	Tags
github.com/bytecodealliance/wasmtime/security/advisories/GHSA-qqfj-4vcm-...	security-advisories@github.com	github.com	Vendor Ac
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,

No vendor comments have been submitted for this CVE.

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

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