



# CVE-2022-31104

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## Summary

<b>CVE</b>	CVE-2022-31104
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-06-28 00:15:00 UTC
<b>Updated</b>	2022-07-08 18:29:00 UTC
<b>Description</b>	Wasmtime is a standalone runtime for WebAssembly. In affected versions wasmtime's implementation of the SIMD proposal

## Risk And Classification

**Problem Types:** CWE-682

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Bytecodealliance</a>	<a href="#">Cranelflirt-codegen</a>	All	All	All	All
Application	<a href="#">Bytecodealliance</a>	<a href="#">Wasmtime</a>	All	All	All	All

## References

Reference	Source
Config in wasmtime - Rust	MISC
x64: Fix codegen for the `select` instruction with v128 by alexcrichon · Pull Request #4317 · bytecodealliance/wasmtime · GitHub	MISC
GitHub - WebAssembly/simd: Branch of the spec repo scoped to discussion of SIMD in WebAssembly	MISC
WebAssembly Specifications	MISC
x64: Fix codegen for the `i8x16.swizzle` instruction by alexcrichon · Pull Request #4318 · bytecodealliance/wasmtime · GitHub	MISC
Miscompilation of `i8x16.swizzle` and `select` with v128 inputs · Advisory · bytecodealliance/wasmtime · GitHub	CONFIRMED
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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