

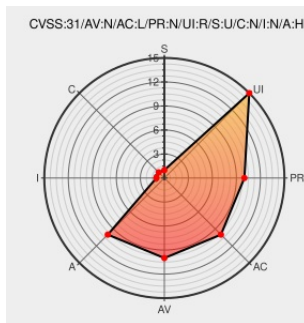


CVE-2019-15759

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CVE-2019-15759

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Binaryen](#) from [Webassembly](#) contain the following vulnerability:

An issue was discovered in Binaryen 1.38.32. Two visitors in `ir/ExpressionManipulator.cpp` can lead to a NULL pointer dereference in `wasm::LocalSet::finalize` in `wasm/wasm.cpp`. A crafted input can cause segmentation faults, leading to denial-of-service, as demonstrated by `wasm2js`.

CVE-2019-15759 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Copying fixes by kripken · Pull Request #2289 · WebAssembly/binaryen · GitHub	Patch Third Party Advisory github.com	MISC github.com/WebAssembly/binaryen/pull/2289

[text/html](#)

Crash and Assertion failed in wasm2js · Issue #2288 · WebAssembly/binaryen · GitHub

[Exploit](#)[Patch](#)[Third Party Advisory](#)[github.com](#)[text/html](#)[MISC](#)github.com/WebAssembly/binaryen/issues/2288

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Webassembly	Binaryen	All	All	All	All
Application	Webassembly	Binaryen	All	All	All	All
cpe:2.3:a:webassembly:binaryen:*****:.*						
cpe:2.3:a:webassembly:binaryen:*****:.*						

No vendor comments have been submitted for this CVE

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