

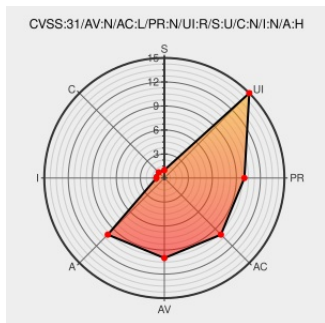


CVE-2019-15758

Published on: 08/28/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:44 PM UTC

CVE-2019-15758

[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. Missing validation rules in asmjs/asmangle.cpp can lead to an Assertion Failure at wasm/wasm.cpp in wasm::asmangle. A crafted input can cause denial-of-service, as demonstrated by wasm2js.

CVE-2019-15758 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
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

Support empty export names in wasm2js and JS mangling in
general by kripken · Pull Request #2290 · WebAssembly/binaryen ·
GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/WebAssembly/binaryen/pull/2290

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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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