

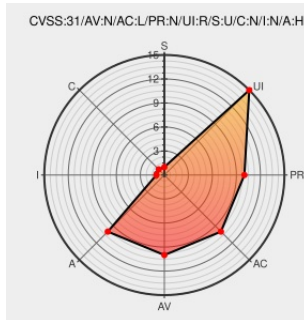


CVE-2019-7153

Published on: 01/28/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:53 PM UTC

CVE-2019-7153

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

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

A NULL pointer dereference was discovered in `wasm::WasmBinaryBuilder::processFunctions()` in `wasm/wasm-binary.cpp` (when calling `wasm::WasmBinaryBuilder::getFunctionIndexName`) in Binaryen 1.38.22. A crafted input can cause segmentation faults, leading to denial-of-service, as demonstrated by `wasm-opt`.

CVE-2019-7153 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
Null pointer Dereference in <code>WasmBinaryBuilder::getFunctionIndexName(unsigned int)</code> in	Exploit Patch	MISC github.com/WebAssembly/binaryen/issues/1879

There are currently no QIDs associated with this CVE

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:*.*.*.*.*.*.*.*.						

Next ID→