



CVE-2020-13991

Published on: 09/24/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:23:43 PM UTC

CVE-2020-13991

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



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

vm/opcodes.c in JerryScript 2.2.0 allows attackers to hijack the flow of control by controlling a register.

CVE-2020-13991 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
SEGV in ecma_deref_ecma_string · Issue #3858 · jerryscript-project/jerryscript · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/jerryscript-project/jerryscript/issues/3858

Correct release of spread arguments by galpeter · Pull Request #3867 · jerryscript-project/jerryscript · GitHub	Exploit Patch Third Party Advisory github.com text/html	MISC github.com/jerryscript-project/jerryscript/pull/3867
SEGV in jmem_pools_finalize · Issue #3859 · jerryscript-project/jerryscript · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/jerryscript-project/jerryscript/issues/3859
SIGABRT in jerry_port_fatal · Issue #3860 · jerryscript-project/jerryscript · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/jerryscript-project/jerryscript/issues/3860
GitHub - googleprojectzero/fuzzilli: A JavaScript Engine Fuzzer	Third Party Advisory github.com text/html	CONFIRM github.com/googleprojectzero/fuzzilli#JavaScript
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report .		

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Jerryscript	Jerryscript	2.2.0	All	All	All
Application	Jerryscript	Jerryscript	2.2.0	All	All	All
cpe:2.3:a:jerryscript:jerryscript:2.2.0:*:*:*:*:*:						
cpe:2.3:a:jerryscript:jerryscript:2.2.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE