



CVE-2021-43453

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

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

A Heap-based Buffer Overflow vulnerability exists in JerryScript 2.4.0 and prior versions via an out-of-bounds read in `parser_parse_for_statement_start` in the `js-parser-statm.c` file. This issue is similar to CVE-2020-29657.

CVE-2021-43453 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Heap-overflow on an ill-formed JS program · Issue #4754 · jerryscript-project/jerryscript · GitHub	github.com text/html	MISC github.com/jerryscript-project/jerryscript/issues/4754

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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	JerryScript	JerryScript	All	All	All	All
cpe:2.3:a:jerryscript:jerryscript:*****:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-43453 : A Heap-based Buffer Overflow vulnerability exists in JerryScript 2.4.0 and prior versions via an o... twitter.com/i/web/status/1...	2022-04-07 21:07:33

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