



CVE-2017-1001003

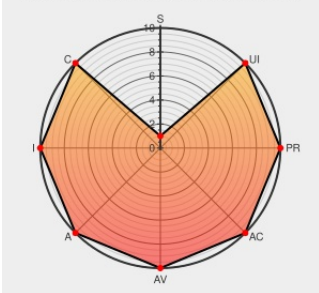
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CVE-2017-1001003

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

CVSS:30/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



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

math.js before 3.17.0 had an issue where private properties such as a constructor could be replaced by using unicode characters when creating an object.

CVE-2017-1001003 has been assigned by [josh@bress.net](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [math.js](#) - **math.js** version **3.17.0**

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
Fixed a security issue where forbidden properties like constructor co...	Patch Third Party Advisory github.com	CONFIRM github.com/josdejong/mathjs/commit/a60f3c8d9dd714244aed7a5569c3dcca3a4e761

Constructor: [constructor](#)

[josdejong/mathjs@a60f3c8](#) · [text/html](#)

GitHub

mathjs/HISTORY.md at master · josdejong/mathjs · GitHub

Third Party Advisory

[github.com](#)

[text/html](#)

 **CONFIRM** github.com/josdejong/mathjs/blob/master/HISTORY.md#2017-11-18-version-3170

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Related QID Numbers

983166 Nodejs (npm) Security Update for mathjs (GHSA-pv8x-p9hq-j328)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mathjs Project	Mathjs	All	All	All	All
Application	Mathjs Project	Mathjs	All	All	All	All

cpe:2.3:a:mathjs_project:mathjs:*****:

cpe:2.3:a:mathjs_project:mathjs:*****:

No vendor comments have been submitted for this CVE

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