



# CVE-2017-15878

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2017-15878
<b>State</b>	PUBLISHED
<b>Assigner</b>	mitre
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-10-24 21:29:00 UTC
<b>Updated</b>	2025-04-20 01:37:25 UTC
<b>Description</b>	A cross-site scripting (XSS) vulnerability exists in fields/types/markdown/MarkdownType.js in KeystoneJS before 4.0.0-beta

## Risk And Classification

**Primary CVSS:** v3.0 6.1 MEDIUM from nvd@nist.gov

**CVSS:**3.0/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N

**Problem Types:** CWE-79 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.1	MEDIUM	CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:P/A:N

## CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Changed

Confidentiality

Low

Integrity

Low

Availability

None

CVSS:3.0/AV:N/AC:L/PR:N/UI:R/S:C/C:L/I:L/A:N

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

None

AV:N/AC:M/Au:N/C:N/I:P/A:N

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Keystonejs	Keystone	All	beta7	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

### References

Reference	Source
Factor out base keystone types by timleslie · Pull Request #4478 · keystonejs/keystone · GitHub	af854a3a-2127-422b-91ae-364da2661108
Thinkmill KeystoneJS Multiple HTML Injection Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108
KeystoneJS Open Source Penetration Testing Report	af854a3a-2127-422b-91ae-364da2661108
KeystoneJS 4.0.0-beta.5 Unauthenticated Stored Cross Site Scripting ≈ Packet Storm	af854a3a-2127-422b-91ae-364da2661108
KeystoneJS 4.0.0-beta.5 - Cross-Site Scripting - NodeJS webapps Exploit	af854a3a-2127-422b-91ae-364da2661108
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

981222 Nodejs (npm) Security Update for keystone (GHSA-7qcx-jmrc-h2rr)

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