



CVE-2017-16876

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2017-16876
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-29 15:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Cross-site scripting (XSS) vulnerability in the _keyify function in mistune.py in Mistune before 0.8.1 allows remote attackers

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
Operating System	Fedoraproject	Fedora	26	All	All	All
Application	Mistune Project	Mistune	All	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
Fix CVE-2017-16876 · lepture/mistune@5f06d72 · GitHub	af854a3a-2127-422b-91ae-364da:
[SECURITY] Fedora 26 Update: python-mistune-0.8.3-1.fc26 - package-announce - Fedora Mailing-Lists	af854a3a-2127-422b-91ae-364da:
Page not found · GitHub · GitHub	af854a3a-2127-422b-91ae-364da:
Bug 1524596 – CVE-2017-16876 python-mistune: Cross-site-scripting [fedora-all]	af854a3a-2127-422b-91ae-364da:
[SECURITY] Fedora 26 Update: python-mistune-0.8.3-1.fc26 - package-announce - Fedora Mailing-Lists	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

981168 Python (pip) Security Update for mistune (GHSA-98gj-wwxm-cj3h)

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