



All in One SEO – Best WordPress SEO Plugin – Easily Improve SEO Rankings & Increase Traffic <= 4.6.0 - Authenticated (Contributor+) Stored Cross-Site Scripting via Shortcode

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2024-3554
State	PUBLISHED
Assigner	Wordfence
Source Priority	CVE Program / NVD first with legacy fallback
Published	2024-05-02 17:15:27 UTC
Updated	2026-04-08 17:18:43 UTC
Description	The All in One SEO – Best WordPress SEO Plugin – Easily Improve SEO Rankings & Increase Traffic plugin for WordPress

Risk And Classification

Primary CVSS: v3.1 5.4 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N

Problem Types: CWE-79 | CWE-79 CWE-79 Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting')

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	5.4	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N
3.1	security@wordfence.com	Secondary	6.4	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:C/C:L/I:L/A:N
3.1	CNA	DECLARED	6.4	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:C/C:L/I:L/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Score

Changed

Confidentiality

Low

Integrity

Low

Availability

None

CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:L/I:L/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Aioseo	All In One Seo	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Smub	All In One SEO Powerful SEO Plugin To Boost SEO Rankings Increase Traffic	affected 4.6.0 semver	Not specified

References

Reference	Source	Link
www.wordfence.com/threat-intel/vulnerabilities/id/28741ffc-4ff5-4e67-a183-bb506...	af854a3a-2127-422b-91ae-364da2661108	www.word
plugins.trac.wordpress.org/changeset	af854a3a-2127-422b-91ae-364da2661108	plugins.tra
CVE Program record	CVE.ORG	www.cve.c
NVD vulnerability detail	NVD	nvd.nist.gc

Vendor Comments And Credit

Discovery Credit
CNA: Krzysztof Zajac (en)

Additional Advisory Data

Source	Time	Event
CNA	2024-04-29T00:00:00.000Z	Disclosed

There are currently no legacy QID mappings associated with this CVE.

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