



# Rank Math SEO with AI SEO Tools <= 1.0.216 - Authenticated (Contributor+) Stored Cross-Site Scripting via 'titleWrapper'

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2024-3665  |
| <b>State</b>           | PUBLISHED  |
| <b>Assigner</b>        | Wordfence  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2024-04-23 10:15:06 UTC  |
| <b>Updated</b>         | 2026-04-08 17:18:47 UTC  |
| <b>Description</b>     | The Rank Math SEO with AI SEO Tools plugin for WordPress is vulnerable to Stored Cross-Site Scripting via the plugin's H |

## 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

Scope

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 | Rankmath | Seo     | All     | All    | All     | All      |

### Vendor Declared Affected Products

| Source | Vendor    | Product   | Version                 | Platforms     |
|--------|-----------|---|-------------------------|---------------|
| CNA    | Rankmath  | Rank Math SEO AI SEO Tools To Dominate SEO Rankings | affected 1.0.216 semver | Not specified |
| ADP    | Wordpress | Rank Math Seo                                       | affected 1.0.216 custom | Not specified |

### References

| Reference   | Source                               |
|---|--------------------------------------|
| plugins.trac.wordpress.org/changeset  | af854a3a-2127-422b-91ae-364da2661108 |
| plugins.trac.wordpress.org/browser/seo-by-rank-math/tags/1.0.216/includes/modules/schema... | af854a3a-2127-422b-91ae-364da2661108 |
| plugins.trac.wordpress.org/changeset  | af854a3a-2127-422b-91ae-364da2661108 |
| www.wordfence.com/threat-intel/vulnerabilities/id/21341d9c-9f04-4bc6-b9fc-6fa8a...          | af854a3a-2127-422b-91ae-364da2661108 |
| plugins.trac.wordpress.org/browser/seo-by-rank-math/tags/1.0.216/includes/modules/schema... | af854a3a-2127-422b-91ae-364da2661108 |
| CVE Program record  | CVE.ORG                              |
| NVD vulnerability detail  | NVD                                  |

### Vendor Comments And Credit

Discovery Credit

**CNA:** wesley (en)

### Additional Advisory Data

| Source | Time                     | Event     |
|--------|--------------------------|-----------|
| CNA    | 2024-04-22T00:00:00.000Z | Disclosed |

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

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