



# AI Engine 3.4.9 - Authenticated (Subscriber+) Privilege Escalation via Missing Authorization in MCP OAuth Bearer Token

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

## Summary

<b>CVE</b>	CVE-2026-8719
<b>State</b>	PUBLISHED
<b>Assigner</b>	Wordfence
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-17 04:16:42 UTC
<b>Updated</b>	2026-05-17 04:16:42 UTC
<b>Description</b>	The AI Engine – The Chatbot, AI Framework & MCP for WordPress plugin for WordPress is vulnerable to Privilege Escalati

## Risk And Classification

**Primary CVSS:** v3.1 8.8 HIGH from security@wordfence.com

**CVSS:** 3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

**EPSS:** 0.000390000 probability, percentile 0.117850000 (date 2026-05-17)

**Problem Types:** CWE-269 | CWE-269 CWE-269 Improper Privilege Management

Version	Source	Type	Score	Severity	Vector
3.1	security@wordfence.com	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Tigroumeow	AI Engine The Chatbot AI Framework MCP For WordPress	affected 3.4.9	Not specified

### References

Reference	Source	Link
plugins.trac.wordpress.org/changeset/3533527/ai-engine	security@wordfence.com	plugins.trac.wordpress.org
www.wordfence.com/threat-intel/vulnerabilities/id/0593c20d-3422-4817-9639-61425...	security@wordfence.com	www.wordfence.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

### Vendor Comments And Credit

Discovery Credit

**CNA:** daroo (en)

### Additional Advisory Data

Source	Time	Event
CNA	2026-05-15T21:46:08.000Z	Vendor Notified
CNA	2026-05-16T14:19:48.000Z	Disclosed

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

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