



WordPress Automatic Plugin <= 3.53.2 - Unauthenticated Arbitrary Options Update

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

Summary

CVE	CVE-2021-4374
State	PUBLISHED
Assigner	Wordfence
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-06-07 02:15:15 UTC
Updated	2026-04-08 19:17:42 UTC
Description	The WordPress Automatic Plugin for WordPress is vulnerable to arbitrary options updates in versions up to, and including, :

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

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

EPSS: 0.722330000 probability, percentile 0.987510000 (date 2026-04-09)

Problem Types: CWE-862 | CWE-862 CWE-862 Missing Authorization

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	security@wordfence.com	Secondary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:H
3.1	CNA	DECLARED	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Valvepress	Wordpress Automatic Plugin	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	ValvePress	WordPress Automatic Plugin	affected 3.53.3 semver	Not specified

References

Reference	Source	Link
WordPress Automatic Plugin <= 3.53.2 - Unauthenticated Arbitrary Options Update	af854a3a-2127-422b-91ae-364da2661108	www.wordpress.org
Critical vulnerability fixed in WordPress Automatic Plugin. – NinTechNet	af854a3a-2127-422b-91ae-364da2661108	blog.nintech.net
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: Jerome Bruandet (en)

Additional Advisory Data

Source	Time	Event
CNA	2021-09-06T00:00:00.000Z	Disclosed

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

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report