Global buffer over-read in mb_convert_encoding() with attacker-supplied encoding

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-6104
State	PUBLISHED
Assigner	php
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-10 06:16:07 UTC
Updated	2026-05-10 06:16:07 UTC
Description	In PHP versions 8.4.* before 8.4.21 and 8.5.* before 8.5.6, when an encoding name containing an embedded NUL byte is p

Risk And Classification

Primary CVSS: v4.0 6.3 MEDIUM from security@php.net

CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:L/SI:N/SA:L/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:M/U:Amber

Problem Types: CWE-125 | CWE-125 CWE-125 Out-of-bounds Read

Version	Source	Type	Score	Severity	Vector
4.0	security@php.net	Secondary	6.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:L/SI:N/SA:L/E:X/C...
4.0	CNA	CVSS	6.3	MEDIUM	CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:L/SI:N/SA:L/RE:M/...

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

None

User Interaction

None

Confidentiality

Low

Integrity

None

Availability

Low

Sub Conf.

Low

Sub Integrity

None

Sub Availability

Low

CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:N/VC:L/VI:N/VA:L/SC:L/SI:N/SA:L/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:M/U:Amber

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	PHP Group	PHP	affected 8.4.* 8.4.21 semver	Not specified
CNA	PHP Group	PHP	affected 8.5.* 8.5.6 semver	Not specified

References

Reference	Source	Link	Tags
github.com/php/php-src/security/advisories/GHSA-74r9-qxhc-fx53	security@php.net	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Akshay Jain (en)

CNA: Ilija Tovilo (en)

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

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