



# CVE-2023-0568

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

## Summary

<b>CVE</b>	CVE-2023-0568
<b>State</b>	PUBLIC
<b>Assigner</b>	security@php.net
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-02-16 07:15:00 UTC
<b>Updated</b>	2023-05-17 20:15:00 UTC
<b>Description</b>	In PHP 8.0.X before 8.0.28, 8.1.X before 8.1.16 and 8.2.X before 8.2.3, core path resolution function allocate buffer one byt

## Risk And Classification

**Problem Types:** CWE-770

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Php	Php	All	All	All	All

## References

Reference	Source	Link	Tags
February 2023 PHP Vulnerabilities in NetApp Products   NetApp Product Security	MISC	<a href="https://security.netapp.com">security.netapp.com</a>	
PHP :: Sec Bug #81746 :: 1-byte array overrun in common path resolve code	MISC	<a href="https://bugs.php.net">bugs.php.net</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[150653](#) PHP Incorrect Calculation of Buffer Size Vulnerability (CVE-2023-0568)

[161008](#) Oracle Enterprise Linux Security Update for Hypertext Preprocessor (PHP) (ELSA-2023-5926)

[161015](#) Oracle Enterprise Linux Security Update for php:8.0 (ELSA-2023-5927)

[161313](#) Oracle Enterprise Linux Security Update for php:8.1 (ELSA-2024-0387)

<a href="#">181613</a> Debian Security Update for php7.3 (DLA 3345-1)
<a href="#">181663</a> Debian Security Update for php7.4 (DSA 5363-1)
<a href="#">181911</a> Debian Security Update for php8.2 (CVE-2023-0568)
<a href="#">199197</a> Ubuntu Security Notification for Hypertext Preprocessor (PHP) Vulnerabilities (USN-5902-1)
<a href="#">199545</a> Ubuntu Security Notification for Hypertext Preprocessor (PHP) Vulnerabilities (USN-5905-1)
<a href="#">242223</a> Red Hat Update for Hypertext Preprocessor (PHP) (RHSA-2023:5926)
<a href="#">242227</a> Red Hat Update for php:8.0 (RHSA-2023:5927)
<a href="#">242739</a> Red Hat Update for php:8.1 (RHSA-2024:0387)
<a href="#">283742</a> Fedora Security Update for Hypertext Preprocessor (PHP) (FEDORA-2023-d12ff09d38)
<a href="#">283743</a> Fedora Security Update for Hypertext Preprocessor (PHP) (FEDORA-2023-452714dbc6)
<a href="#">355229</a> Amazon Linux Security Advisory for php8.1 : ALAS2023-2023-139
<a href="#">38890</a> Hypertext Preprocessor (PHP) Security Update (81746)
<a href="#">502663</a> Alpine Linux Security Update for php8
<a href="#">502679</a> Alpine Linux Security Update for php81
<a href="#">502708</a> Alpine Linux Security Update for php7
<a href="#">502911</a> Alpine Linux Security Update for php81
<a href="#">503215</a> Alpine Linux Security Update for php82
<a href="#">505790</a> Alpine Linux Security Update for php81
<a href="#">506155</a> Alpine Linux Security Update for php82
<a href="#">673101</a> EulerOS Security Update for Hypertext Preprocessor (PHP) (EulerOS-SA-2023-2196)
<a href="#">753778</a> SUSE Enterprise Linux Security Update for php7 (SUSE-SU-2023:0476-1)
<a href="#">753786</a> SUSE Enterprise Linux Security Update for php74 (SUSE-SU-2023:0515-1)
<a href="#">753787</a> SUSE Enterprise Linux Security Update for php7 (SUSE-SU-2023:0514-1)
<a href="#">905570</a> Common Base Linux Mariner (CBL-Mariner) Security Update for Hypertext Preprocessor (PHP) (13587)
<a href="#">906531</a> Common Base Linux Mariner (CBL-Mariner) Security Update for Hypertext Preprocessor (PHP) (13587-1)
<a href="#">906643</a> Common Base Linux Mariner (CBL-Mariner) Security Update for Hypertext Preprocessor (PHP) (13587-3)
<a href="#">941313</a> AlmaLinux Security Update for php:8.0 (ALSA-2023:5927)
<a href="#">941321</a> AlmaLinux Security Update for Hypertext Preprocessor (PHP) (ALSA-2023:5926)
<a href="#">941553</a> AlmaLinux Security Update for php:8.1 (ALSA-2024:0387)

961052 Rocky Linux Security Update for Hypertext Preprocessor (PHP) (RLSA-2023:5926)

961062 Rocky Linux Security Update for php:8.0 (RLSA-2023:5927)

961115 Rocky Linux Security Update for php:8.1 (RLSA-2024:0387)

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