Perl versions from 5.9.4 before 5.40.4-RC1, from 5.41.0 before 5.42.2-RC1, from 5.43.0 before 5.43.9 contain a vulnerable version of Compress::Raw::Zlib

MITRE | NVD | CVE.ORG | Print: PDF

Summary

CVE	CVE-2026-4176
State	PUBLISHED
Assigner	CPANSec
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-29 21:16:15 UTC
Updated	2026-03-30 16:16:08 UTC
Description	Perl versions from 5.9.4 before 5.40.4-RC1, from 5.41.0 before 5.42.2-RC1, from 5.43.0 before 5.43.9 contain a vulnerable

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from ADP

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

EPSS: 0.000190000 probability, percentile 0.050730000 (date 2026-04-01)

Problem Types: CWE-1395 CWE-1395 Dependency on Vulnerable Third-Party Component

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	SHAY	Perl	affected 5.9.4 5.40.4-RC1 custom	Not specified
CNA	SHAY	Perl	affected 5.41.0 5.42.2-RC1 custom	Not specified
CNA	SHAY	Perl	affected 5.43.0 5.43.9 custom	Not specified

References

Reference	Source	Link
www.cve.org/CVERecord	9b29abf9-4ab0-4765-b253-1875cd9b441e	www.cve.org
metacpan.org/release/SHAY/perl-5.40.4/changes	9b29abf9-4ab0-4765-b253-1875cd9b441e	metacpan.org
metacpan.org/release/SHAY/perl-5.42.2/changes	9b29abf9-4ab0-4765-b253-1875cd9b441e	metacpan.org
www.openwall.com/lists/oss-security/2026/03/30/2	af854a3a-2127-422b-91ae-364da2661108	www.openwall.
github.com/Perl/perl5/commit/c75ae9cc164205e1b6d6dbd57bd2c65c8593fe94	9b29abf9-4ab0-4765-b253-1875cd9b441e	github.com
metacpan.org/release/PMQS/Compress-Raw-Zlib-2.221/source/Changes	9b29abf9-4ab0-4765-b253-1875cd9b441e	metacpan.org
lists.security.metacpan.org/cve-announce/msg/37638919	9b29abf9-4ab0-4765-b253-1875cd9b441e	lists.security.m
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: Bernhard Schmalhofer (en)

Additional Advisory Data

Source	Time	Event
CNA	2026-02-27T00:00:00.000Z	Compress::Raw::Zlib 2.221 committed to Perl blead.
CNA	2026-03-07T00:00:00.000Z	CVE-2026-3381 published for Compress::Raw::Zlib.
CNA	2026-03-14T00:00:00.000Z	CVE-2026-4176 reserved.
CNA	2026-03-29T00:00:00.000Z	Perl 5.40.4 and 5.42.2 released.

Solutions

CNA: Update to Perl stable release 5.40.4 or 5.42.2 or later, which include Compress::Raw::Zlib 2.222.

Workarounds

CNA: Install Compress::Raw::Zlib 2.220 or later into your @INC include path, so it takes precedence over the vulnerable core module shipped with Perl. Some OS distributions patch their perl package to build Compress::Raw::Zlib against the system zlib rather than the vendored copy. Users of these distributions may not be affected if their system zlib has been updated to 1.3.2 or later, or includes backported patches for the relevant vulnerabilities.

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