



Bug 2449010 (CVE-2026-4426) - CVE-2026-4426 libarchive: libarchive: Denial of Service via malformed ISO file processing

Keywords: Security

Reported: 2026-03-19 12:45 UTC by OSIDB Bzimport

Status: NEW

Modified: 2026-03-19 12:48 UTC ([History](#))

Alias: CVE-2026-4426

CC List: 0 users

Product: Security Response

Component: vulnerability

Fixed In Version:

Clone Of:

Version: unspecified

Environment:

Hardware: All

Last Closed:

OS: Linux

Embargoed:

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Product Security DevOps Team

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On: [2449012](#) [2449013](#) [2449011](#)

Blocks:

TreeView+ [depends on](#) / [blocked](#)

Attachments ([Terms of Use](#))

OSIDB Bzimport 2026-03-19 12:45:25 UTC

[Description](#)

An Undefined Behavior vulnerability exists in the zisofs decompression logic of the libarchive library. The flaw is caused by improper validation of the pz_log2_bs field, which is directly read from ISO9660 Rock Ridge extensions and used as a shift exponent in arithmetic operations. When a specially crafted ISO file provides an out-of-range value (e.g., ≥ 64 on 64-bit systems), it triggers undefined behavior due to invalid shift operations, leading to incorrect memory allocation and potential crashes. This vulnerability can be exploited by supplying a malicious ISO file, resulting in denial-of-service

conditions in applications that process ISO images.

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