



# Libarchive: libarchive: information disclosure via heap out-of-bounds read in rar archive processing

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

## Summary

<b>CVE</b>	CVE-2026-4424
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-19 15:16:28 UTC
<b>Updated</b>	2026-04-16 20:16:39 UTC
<b>Description</b>	A flaw was found in libarchive. This heap out-of-bounds read vulnerability exists in the RAR archive processing logic due to

## Risk And Classification

**Primary CVSS:** v3.1 7.5 HIGH from secalert@redhat.com

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

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

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
3.1	CNA	CVSS	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Red Hat Enterprise Linux 10	unaffected 0:3.7.7-8.el10_1 * rpm	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 7 Extended Lifecycle Support	unaffected 0:3.1.2-14.el7_9.2 * rpm	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 8	unaffected 0:3.3.3-7.el8_10 * rpm	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 8.2 Advanced Update Support	unaffected 0:3.3.2-8.el8_2.2 * rpm	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 9	unaffected 0:3.5.3-9.el9_7 * rpm	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 9	unaffected 0:3.5.3-9.el9_7 * rpm	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 6	Not specified	Not specified
CNA	Red Hat	Red Hat Hardened Images	Not specified	Not specified
CNA	Red Hat	Red Hat OpenShift Container Platform 4	Not specified	Not specified

### References

Reference	Source	Link	Tags
access.redhat.com/errata/RHSA-2026:8534	secalert@redhat.com	<a href="https://access.redhat.com/errata/RHSA-2026:8534">access.redhat.com</a>	
access.redhat.com/errata/RHSA-2026:8521	secalert@redhat.com	<a href="https://access.redhat.com/errata/RHSA-2026:8521">access.redhat.com</a>	
access.redhat.com/errata/RHSA-2026:8492	secalert@redhat.com	<a href="https://access.redhat.com/errata/RHSA-2026:8492">access.redhat.com</a>	
access.redhat.com/errata/RHSA-2026:8510	secalert@redhat.com	<a href="https://access.redhat.com/errata/RHSA-2026:8510">access.redhat.com</a>	
access.redhat.com/errata/RHSA-2026:8517	secalert@redhat.com	<a href="https://access.redhat.com/errata/RHSA-2026:8517">access.redhat.com</a>	
access.redhat.com/security/cve/CVE-2026-4424	secalert@redhat.com	<a href="https://access.redhat.com/security/cve/CVE-2026-4424">access.redhat.com</a>	
github.com/libarchive/libarchive/pull/2898	secalert@redhat.com	<a href="https://github.com/libarchive/libarchive/pull/2898">github.com</a>	
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	<a href="https://bugzilla.redhat.com/show_bug.cgi">bugzilla.redhat.com</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

### Vendor Comments And Credit

Discovery Credit

**CNA:** Red Hat would like to thank Elhanan Haenel for reporting this issue. (en)

### Additional Advisory Data

Source	Time	Event
CNA	2026-08-16T10:00:01-07:00	Discovery Credit

CNA	2026-03-19T12:22:21.740Z	Reported to Red Hat.
CNA	2026-03-19T00:00:00.000Z	Made public.

#### Workarounds

**CNA:** Mitigation for this issue is either not available or the currently available options do not meet the Red Hat Product Security criteria comprising ease of use and deployment, applicability to widespread installation base, or stability.

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

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