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Issued: 2025-08-25 Updated: 2025-08-25

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Synopsis

Important: libarchive security update

Type/Severity

Security Advisory: Important

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

[View affected systems](#) 

Topic

An update for libarchive is now available for Red Hat Enterprise Linux 8.8 Update Services for SAP Solutions and Red Hat Enterprise Linux 8.8 Telecommunications Update Service.

Red Hat Product Security has rated this update as having a security impact of Important. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

Description

The libarchive programming library can create and read several different streaming archive formats, including GNU tar, cpio, and ISO 9660 CD-ROM images. Libarchive is used notably in the bsdtar utility, scripting language bindings such as python-libarchive, and several popular desktop file managers.

Security Fix(es):

- libarchive: Double free at archive_read_format_rar_seek_data() in archive_read_support_format_rar.c (CVE-2025-5914)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

Solution


For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258> 

Affected Products

- Red Hat Enterprise Linux for x86_64 - Extended Update Support Extension 8.8 x86_64
- Red Hat Enterprise Linux Server - TUS 8.8 x86_64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.8 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.8 x86_64

Fixes

- BZ - 2370861  - CVE-2025-5914 libarchive: Double free at archive_read_format_rar_seek_data() in archive_read_support_format_rar.c

CVEs

- CVE-2025-5914 

References

- <https://access.redhat.com/security/updates/classification/#important> 

The Red Hat security contact is secalert@redhat.com. More contact details at <https://access.redhat.com/security/team/contact/>.



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