RHSA-2025:20801 - Security Advisory

Issued: 2025-11-11 Updated: 2025-11-11

Overview

Updated Packages

Synopsis

Moderate: libtiff security update

Type/Severity

Security Advisory: Moderate

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

View affected systems

Topic

An update for libtiff is now available for Red Hat Enterprise Linux 9.

Red Hat Product Security has rated this update as having a security impact of Moderate. 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 libtiff packages contain a library of functions for manipulating Tagged Image File Format (TIFF) files.

Security Fix(es):

- libtiff: TIFFRasterScanlineSize64 produce too-big size and could cause OOM (CVE-2023-52355)
- libtiff: Segment fault in libtiff in TIFFReadRGBATileExt() leading to denial of service (CVE-2023-52356)

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.

Additional Changes:

For detailed information on changes in this release, see the Red Hat Enterprise Linux 9 Release Notes linked from 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 9 x86_64
- Red Hat Enterprise Linux for IBM z Systems 9 s390x
- Red Hat Enterprise Linux for Power, little endian 9 ppc64le
- Red Hat Enterprise Linux for ARM 64 9 aarch64
- Red Hat CodeReady Linux Builder for x86_64 9 x86_64
- Red Hat CodeReady Linux Builder for Power, little endian 9 ppc64le
- Red Hat CodeReady Linux Builder for ARM 64 9 aarch64
- Red Hat CodeReady Linux Builder for IBM z Systems 9 s390x

Fixes

- BZ - 2251326 - CVE-2023-52355 libtiff: TIFFRasterScanlineSize64 produce too-big size and could cause OOM
- BZ - 2251344 - CVE-2023-52356 libtiff: Segment fault in libtiff in TIFFReadRGBATileExt() leading to denial of service

CVEs

- CVE-2023-52355
- CVE-2023-52356

References

- https://access.redhat.com/security/updates/classification/#moderate
- https://docs.redhat.com/en/documentation/red_hat_enterprise_linux/9/html/9.7_release_notes/index

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

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