



RHSA-2025:21407 - Security Advisory

Issued: 2025-11-17

Updated: 2025-11-17

[Overview](#)[Updated Packages](#)

Synopsis

Important: libtiff 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 libtiff is now available for Red Hat Enterprise Linux 7 Extended Lifecycle Support.

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 libtiff packages contain a library of functions for manipulating Tagged Image File Format (TIFF) files.

Security Fix(es):

- libtiff: LibTIFF Use-After-Free Vulnerability (CVE-2025-8176)
- libtiff: LibTIFF Buffer Overflow (CVE-2025-8177)
- libtiff: Libtiff Write-What-Where (CVE-2025-9900)

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 Server - Extended Life Cycle Support 7 x86_64
- Red Hat Enterprise Linux Server - Extended Life Cycle Support (for IBM z Systems) 7 s390x
- Red Hat Enterprise Linux Server - Extended Life Cycle Support for IBM Power, big endian 7 ppc64
- Red Hat Enterprise Linux Server - Extended Life Cycle Support for IBM Power, little endian 7 ppc64le

Fixes

- BZ - 2383598  - CVE-2025-8176 libtiff: LibTIFF Use-After-Free Vulnerability
- BZ - 2383608  - CVE-2025-8177 libtiff: LibTIFF Buffer Overflow
- BZ - 2392784  - CVE-2025-9900 libtiff: Libtiff Write-What-Where

CVEs

- CVE-2025-8176 
- CVE-2025-8177 
- CVE-2025-9900 

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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