



# 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](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.




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