



Red Hat Product Errata    RHSA-2024:5079 - Security Advisory

# RHSA-2024:5079 - Security Advisory

Issued: 2024-08-07    Updated: 2024-08-07

[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 8.

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: Heap-based buffer overflow in ChopUpSingleUncompressedStrip in tif\_dirread.c (CVE-2018-15209)
- libtiff: Buffer Overflow via /libtiff/tools/tiffcrop.c (CVE-2023-25433)
- libtiff: heap-based buffer overflow in cpStripToTile() in tools/tiffcp.c (CVE-2023-6228)
- 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.

## 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 8 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for Power, little endian 8 ppc64le
- Red Hat Enterprise Linux for ARM 64 8 aarch64
- Red Hat CodeReady Linux Builder for x86\_64 8 x86\_64
- Red Hat CodeReady Linux Builder for Power, little endian 8 ppc64le
- Red Hat CodeReady Linux Builder for ARM 64 8 aarch64
- Red Hat CodeReady Linux Builder for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 8.10 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 8.10 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 8.10 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 8.10 s390x

## Fixes

- [BZ - 1614051](#)  - CVE-2018-15209 libtiff: Heap-based buffer overflow in ChopUpSingleUncompressedStrip in tif\_dirread.c
- [BZ - 2218744](#)  - CVE-2023-25433 libtiff: Buffer Overflow via /libtiff/tools/tiffcrop.c

- [BZ - 2240995](#) - CVE-2023-6228 libtiff: heap-based buffer overflow in cpStripToTile() in tools/tiffcp.c
- [BZ - 2251344](#) - CVE-2023-52356 libtiff: Segment fault in libtiff in TIFFReadRGBATileExt() leading to denial of service

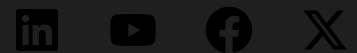
## CVEs

- [CVE-2018-15209](#)
- [CVE-2023-6228](#)
- [CVE-2023-25433](#)
- [CVE-2023-52356](#)

## References

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

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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