



Red Hat Product Errata RHSA-2026:12423 - Security Advisory

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Issued: 2026-04-30 Updated: 2026-04-30

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Synopsis

Important: libcap security update

Type/Severity

Security Advisory: Important

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

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Topic

An update for libcap is now available for Red Hat Enterprise Linux 10.

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

Libcap is a library for getting and setting POSIX.1e (formerly POSIX 6) draft 15 capabilities.

Security Fix(es):

- libcap: libcap: Privilege escalation via TOCTOU race condition in cap_set_file() (CVE-2026-4878)

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 10 x86_64
- Red Hat Enterprise Linux for IBM z Systems 10 s390x
- Red Hat Enterprise Linux for Power, little endian 10 ppc64le
- Red Hat Enterprise Linux for ARM 64 10 aarch64

Fixes

- [BZ - 2451615](#) - CVE-2026-4878 libcap: libcap: Privilege escalation via TOCTOU race condition in cap_set_file()

CVEs

- [CVE-2026-4878](#)

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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