



Red Hat Product Errata RHSA-2025:4568 - Security Advisory

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Issued: 2025-05-06 Updated: 2025-05-06

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

Synopsis

Important: libsoup 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 libsoup is now available for Red Hat Enterprise Linux 8.8 Extended Update 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 libsoup packages provide an HTTP client and server library for GNOME.

Security Fix(es):

- libsoup: Integer overflow in `append_param_quoted` (CVE-2025-32050)
- libsoup: Heap buffer overflow in `sniff_unknown()` (CVE-2025-32052)
- libsoup: Heap buffer overflows in `sniff_feed_or_html()` and `skip_insignificant_space()` (CVE-2025-32053)
- libsoup: Out of bounds reads in `soup_headers_parse_request()` (CVE-2025-32906)
- libsoup: Double free on `soup_message_headers_get_content_disposition()` through "soup-message-headers.c" via "params" GHashTable value (CVE-2025-32911)
- libsoup: NULL pointer dereference in `soup_message_headers_get_content_disposition` when "filename" parameter is present, but has no value in Content-Disposition header (CVE-2025-32913)
- libsoup: Information disclosure may leads libsoup client sends Authorization header to a different host when being redirected by a server (CVE-2025-46421)
- libsoup: Memory leak on `soup_header_parse_quality_list()` via `soup-headers.c` (CVE-2025-46420)

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 - Extended Update Support 8.8 x86_64
- Red Hat Enterprise Linux for x86_64 - Extended Update Support Extension 8.8 x86_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 8.8 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 8.8 ppc64le
- Red Hat Enterprise Linux Server - TUS 8.8 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 8.8 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.8 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.8 x86_64

Fixes

- [BZ - 2357067](#) - CVE-2025-32050 libsoup: Integer overflow in `append_param_quoted`
- [BZ - 2357069](#) - CVE-2025-32052 libsoup: Heap buffer overflow in `sniff_unknown()`
- [BZ - 2357070](#) - CVE-2025-32053 libsoup: Heap buffer overflows in `sniff_feed_or_html()` and `skip_insignificant_space()`
- [BZ - 2359341](#) - CVE-2025-32906 libsoup: Out of bounds reads in `soup_headers_parse_request()`
- [BZ - 2359355](#) - CVE-2025-32911 libsoup: Double free on `soup_message_headers_get_content_disposition()` through "soup-message-headers.c" via "params" GHashTable value
- [BZ - 2359357](#) - CVE-2025-32913 libsoup: NULL pointer dereference in `soup_message_headers_get_content_disposition` when "filename" parameter is present, but has no value in Content-Disposition header
- [BZ - 2361962](#) - CVE-2025-46421 libsoup: Information disclosure may leads libsoup client sends Authorization header to a different host when being redirected by a server
- [BZ - 2361963](#) - CVE-2025-46420 libsoup: Memory leak on `soup_header_parse_quality_list()` via `soup-headers.c`

CVEs

- [CVE-2025-32050](#)
- [CVE-2025-32052](#)
- [CVE-2025-32053](#)
- [CVE-2025-32906](#)
- [CVE-2025-32911](#)
- [CVE-2025-32913](#)
- [CVE-2025-46420](#)
- [CVE-2025-46421](#)

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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