



Red Hat Product Errata    RHSA-2025:4508 - Security Advisory

# RHSA-2025:4508 - Security Advisory

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 9.2 Update Services for SAP Solutions.

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: Denial of service in server when client requests a large amount of overlapping ranges with Range header (CVE-2025-32907)
- 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 9.2 x86\_64
- Red Hat Enterprise Linux Server - AUS 9.2 x86\_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.2 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.2 ppc64le
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 9.2 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.2 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 9.2 x86\_64

- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.2 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.2 s390x
- Red Hat Enterprise Linux for x86\_64 - Extended Life Cycle 9.2 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 9.2 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 9.2 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 9.2 s390x

## 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 - 2359342](#)  - CVE-2025-32907 libsoup: Denial of service in server when client requests a large amount of overlapping ranges with Range header
- [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-2025-32907](#) 
- [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](mailto:secalert@redhat.com). More contact details at <https://access.redhat.com/security/team/contact/>.




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