



Libsoup: improper handling of http vary header in libsoup caching

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2025-9901
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-03 13:15:50 UTC
Updated	2026-05-06 16:16:04 UTC
Description	A flaw was found in libsoup's caching mechanism, SoupCache, where the HTTP Vary header is ignored when evaluating ca

Risk And Classification

Primary CVSS: v3.1 5.9 MEDIUM from secalert@redhat.com

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

Problem Types: CWE-524 | CWE-524 Use of Cache Containing Sensitive Information

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Secondary	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N
3.1	CNA	CVSS	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:N

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Red Hat Enterprise Linux 10	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 6	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 7	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 8	Not specified	Not specified
CNA	Red Hat	Red Hat Enterprise Linux 9	Not specified	Not specified

References

Reference	Source	Link	Tags
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	bugzilla.redhat.com	
access.redhat.com/security/cve/CVE-2025-9901	secalert@redhat.com	access.redhat.com	
gitlab.gnome.org/GNOME/libsoup/-/issues/453	secalert@redhat.com	gitlab.gnome.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Red Hat would like to thank zkbytes for reporting this issue. (en)

Additional Advisory Data

Source	Time	Event
CNA	2025-09-03T05:00:10.281Z	Reported to Red Hat.
CNA	2025-09-03T00:00:00.000Z	Made public.

Workarounds

CNA: Mitigation for this issue is either not available or the currently available options do not meet Red Hat Product Security criteria comprising ease of use, deployment applicability to widespread installations, or stability. Administrators should apply vendor-supplied patches once they become available.

There are currently no legacy QID mappings associated with this CVE.

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