



# Gnutls: gnutls: policy bypass due to case-sensitive nameconstraints comparison

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

## Summary

<b>CVE</b>	CVE-2026-3833
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-30 18:16:30 UTC
<b>Updated</b>	2026-05-03 20:16:02 UTC

**Description** A flaw was found in gnutls. This vulnerability occurs because gnutls performs case-sensitive comparisons of `nameConstra

## Risk And Classification

**Primary CVSS:** v3.1 6.5 MEDIUM from secalert@redhat.com

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

**EPSS:** 0.000300000 probability, percentile 0.085880000 (date 2026-05-03)

**Problem Types:** CWE-178 | CWE-178 Improper Handling of Case Sensitivity

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Secondary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N
3.1	CNA	CVSS	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:L/I:L/A:N

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

None

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

#### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Red Hat	Red Hat Hardened Images	unaffected 3.8.13-1.hum1 * rpm	Not specified
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
CNA	Red Hat	Red Hat OpenShift Container Platform 4	Not specified	Not specified

#### References

Reference	Source	Link	Tags
gitlab.com/gnutls/gnutls/-/issues/1803	134c704f-9b21-4f2e-91b3-4a467353bcc0	<a href="https://gitlab.com">gitlab.com</a>	
access.redhat.com/errata/RHSA-2026:13274	secalert@redhat.com	<a href="https://access.redhat.com">access.redhat.com</a>	
access.redhat.com/security/cve/CVE-2026-3833	secalert@redhat.com	<a href="https://access.redhat.com">access.redhat.com</a>	
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

#### Additional Advisory Data

Source	Time	Event
CNA	2026-03-09T14:02:09.783Z	Reported to Red Hat.
CNA	2026-04-30T17:26:28.969Z	Made public.

#### Workarounds

**CNA:** Mitigation for this issue is either not available or the currently available options do not meet the Red Hat Product Security criteria comprising ease of use and deployment, applicability to widespread installation base, or stability.

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

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

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