



Bug 2359622 (CVE-2025-32988) - CVE-2025-32988 gnutls: Vulnerability in GnuTLS otherName SAN export

Keywords:

Reported: 2025-04-15 01:32 UTC by OSIDB Bzimport

Status: NEW

Modified: 2026-02-23 23:00 UTC ([History](#))

Alias: CVE-2025-32988

CC List: 7 users ([show](#))

Product: Security Response

Fixed In Version:

Component: vulnerability

Clone Of:

Environment:

Version: unspecified

Last Closed:

Embargoed:

Hardware: All

OS: Linux

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Product Security DevOps Team

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On:

Blocks:

TreeView+ [depends on](#) / [blocked](#)

Attachments	(Terms of Use)

Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	RHBA-2025:16243	0	None	None	None	2025-09-18 18:45:07 UTC
Red Hat Product Errata	RHBA-2025:16265	0	None	None	None	2025-09-22 01:16:16 UTC
Red Hat Product Errata	RHBA-2025:16484	0	None	None	None	2025-09-23 15:35:16 UTC

Red Hat Product Errata	RHBA-2025:17455	0	None	None	None	2025-10-07 12:57:58 UTC
Red Hat Product Errata	RHBA-2025:17456	0	None	None	None	2025-10-07 11:34:36 UTC
Red Hat Product Errata	RHBA-2025:17491	0	None	None	None	2025-10-07 13:02:30 UTC
Red Hat Product Errata	RHBA-2025:17492	0	None	None	None	2025-10-07 13:00:33 UTC
Red Hat Product Errata	RHBA-2025:17497	0	None	None	None	2025-10-07 15:45:23 UTC
Red Hat Product Errata	RHBA-2025:17555	0	None	None	None	2025-10-08 11:06:01 UTC
Red Hat Product Errata	RHBA-2025:17556	0	None	None	None	2025-10-08 10:57:57 UTC
Red Hat Product Errata	RHBA-2025:17557	0	None	None	None	2025-10-08 11:06:03 UTC
Red Hat Product Errata	RHBA-2025:17687	0	None	None	None	2025-10-09 14:13:44 UTC
Red Hat Product Errata	RHBA-2025:17963	0	None	None	None	2025-10-14 08:27:00 UTC
Red Hat Product Errata	RHBA-2025:18071	0	None	None	None	2025-10-15 10:34:39 UTC
Red Hat Product Errata	RHBA-2025:18966	0	None	None	None	2025-10-22 09:43:48 UTC
Red Hat Product Errata	RHBA-2025:19084	0	None	None	None	2025-10-23 20:10:05 UTC
Red Hat	RHBA-2025:19085	0	None	None	None	2025-10-23

Product Errata						20:29:53 UTC
Red Hat Product Errata	RHSA-2025:16115	0	None	None	None	2025-09-17 17:06:42 UTC
Red Hat Product Errata	RHSA-2025:16116	0	None	None	None	2025-09-17 17:59:17 UTC
Red Hat Product Errata	RHSA-2025:17348	0	None	None	None	2025-10-06 02:29:24 UTC
Red Hat Product Errata	RHSA-2025:17361	0	None	None	None	2025-10-06 08:43:19 UTC
Red Hat Product Errata	RHSA-2025:17415	0	None	None	None	2025-10-07 07:26:03 UTC

OSIDB Bzimport  2025-04-15 01:32:23 UTC[Description](#)

A double-free vulnerability exists in GnuTLS (confirmed in version 3.8.9) due to incorrect ownership handling in the export logic of Subject Alternative Name (SAN) entries containing an otherName. If the type-id OID is invalid or malformed, GnuTLS will call `asn1_delete_structure()` on an ASN.1 node it does not own, leading to a double-free condition when the parent function or caller later attempts to free the same structure. This vulnerability can be triggered using only public GnuTLS APIs and may result in denial of service or memory corruption, depending on allocator behavior.

errata-xmlrpc 2025-09-17 17:06:41 UTC

[Comment 2](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 10

Via [RHSA-2025:16115](#) <https://access.redhat.com/errata/RHSA-2025:16115>

errata-xmlrpc 2025-09-17 17:59:15 UTC

[Comment 3](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:16116 <https://access.redhat.com/errata/RHSA-2025:16116>

errata-xmlrpc 2025-10-06 02:29:23 UTC

[Comment 4](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.4 Extended Update Support

Via RHSA-2025:17348 <https://access.redhat.com/errata/RHSA-2025:17348>

errata-xmlrpc 2025-10-06 08:43:17 UTC

[Comment 5](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.2 Update Services for SAP Solutions

Via RHSA-2025:17361 <https://access.redhat.com/errata/RHSA-2025:17361>

errata-xmlrpc 2025-10-07 07:26:02 UTC

[Comment 6](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via RHSA-2025:17415 <https://access.redhat.com/errata/RHSA-2025:17415>

Note

You need to [log in](#) before you can comment on or make changes to this bug.

