



CVE-2026-44603

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2026-44603
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-07 04:16:35 UTC
Updated	2026-05-07 17:24:36 UTC
Description	Tor before 0.4.9.7 has an out-of-bounds read by one byte via a malformed BEGIN cell, aka TROVE-2026-007.

Risk And Classification

Primary CVSS: v3.1 9.1 CRITICAL from nvd@nist.gov

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

EPSS: 0.000440000 probability, percentile 0.133710000 (date 2026-05-11)

Problem Types: CWE-193 | CWE-193 CWE-193 Off-by-one Error

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H
3.1	cve@mitre.org	Secondary	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	CVSS	3.7	LOW	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:L

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Torproject	Tor	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Torproject	Tor	affected 0.4.9.7 custom	Not specified

References

Reference	Source	Link	Tags
gitlab.torproject.org/tpo/core/tor/-/work_items/41245	cve@mitre.org	gitlab.torproject.org	Broken Lin
www.openwall.com/lists/oss-security/2026/05/06/8	cve@mitre.org	www.openwall.com	Mailing Lis
gitlab.torproject.org/tpo/core/tor/-/commit/1703df3d439c83c2184e259fad1cfa19240f9c89	cve@mitre.org	gitlab.torproject.org	Patch
forum.torproject.org/c/news/tor-release-announcement/28	cve@mitre.org	forum.torproject.org	Release N
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,

No vendor comments have been submitted for this CVE.

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

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