



CVE-2021-28090

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2021-28090
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-19 05:15:00 UTC
Updated	2023-11-07 03:32:00 UTC
Description	Tor before 0.4.5.7 allows a remote attacker to cause Tor directory authorities to exit with an assertion failure, aka TROVE-2

Risk And Classification

Problem Types: CWE-617

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Torproject	Tor	All	All	All	All
Application	Torproject	Tor	0.4.4.0	alpha	All	All
Application	Torproject	Tor	0.4.4.1	alpha	All	All
Application	Torproject	Tor	0.4.4.2	alpha	All	All
Application	Torproject	Tor	0.4.4.3	alpha	All	All

References

Reference

TROVE-2021-002: strstr() in dirvote_add_signatures_to_pending_consensus() should be find_str_at_start_of_line() (#40316) · Issues · The Tor Project
Tor: Multiple vulnerabilities (GLSA 202107-25) — Gentoo security
TROVE-2021-002: strstr() in dirvote_add_signatures_to_pending_consensus() should be find_str_at_start_of_line() (#40316) · Issues · The Tor Project
[SECURITY] Fedora 33 Update: tor-0.4.5.7-1.fc33 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 33 Update: tor-0.4.5.7-1.fc33 - package-announce - Fedora Mailing-Lists
New releases (with security fixes): Tor 0.3.5.14, 0.4.4.8, and 0.4.5.7 Tor Blog
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 178485 Debian Security Update for tor (DSA 4871-1)
- 179789 Debian Security Update for tor (CVE-2021-28090)
- 281072 Fedora Security Update for tor (FEDORA-2021-e68317166d)
- 281469 Fedora Security Update for tor (FEDORA-2021-e68317166d)
- 501260 Alpine Linux Security Update for tor
- 501698 Alpine Linux Security Update for tor
- 501930 Alpine Linux Security Update for tor
- 710051 Gentoo Linux Tor Multiple vulnerabilities (GLSA 202107-25)
- 750301 OpenSUSE Security Update for tor (openSUSE-SU-2021:0461-1)

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