



CVE-2017-8822

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

Summary

CVE	CVE-2017-8822
State	PUBLIC
Assigner	security@debian.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-03 07:29:00 UTC
Updated	2017-12-21 18:30:00 UTC
Description	In Tor before 0.2.5.16, 0.2.6 through 0.2.8 before 0.2.8.17, 0.2.9 before 0.2.9.14, 0.3.0 before 0.3.0.13, and 0.3.1 before 0.3.1.1

Risk And Classification

Problem Types: CWE-417

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Tor Project	Tor	All	All	All	All
Application	Tor Project	Tor	All	All	All	All

References

Reference	Source	Link
#21534 ("Client asked me to extend back to the previous hop" in small networks) – Tor Bug Tracker & Wiki	CONFIRM	bugs.torproject.org
Debian -- Security Information -- DSA-4054-1 tor	DEBIAN	www.debian.org
#24333 (Fix TROVE-2017-012: Relays can pick themselves in a circuit path) – Tor Bug Tracker & Wiki	CONFIRM	bugs.torproject.org
New stable Tor releases, with security fixes: 0.3.1.9, 0.3.0.13, 0.2.9.14, 0.2.8.17, 0.2.5.16 Tor Blog	CONFIRM	blog.torproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

Free CVE JSON API [cve.report/api](#)

CVE.report and Source URL Uptime Status [status.cve.report](#)