



CVE-2017-8821

Published on: 12/03/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:43 PM UTC

CVE-2017-8821

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

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 0.3.1.9, an attacker can cause a denial of service (application hang) via crafted PEM input that signifies a public key requiring a password, which triggers an attempt by the OpenSSL library to ask the user for the password, aka

TROVE-2017-011.

CVE-2017-8821 has been assigned by security@debian.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Debian -- Security Information -- DSA-4054-1 tor	Third Party Advisory www.debian.org	DEBIAN DSA-4054

Deprecated Link
text/html

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

Vendor Advisory
blog.torproject.org
text/html

 [CONFIRM blog.torproject.org/new-stable-tor-releases-security-fixes-0319-03013-02914-02817-02516](https://blog.torproject.org/new-stable-tor-releases-security-fixes-0319-03013-02914-02817-02516)

#24246 (Fix TROVE-2017-011: An attacker can make tor ask for a password) – Tor Bug Tracker & Wiki

Vendor Advisory
bugs.torproject.org
text/html

 [CONFIRM bugs.torproject.org/24246](https://bugs.torproject.org/24246)

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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
cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:						
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:						
cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:						
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:						
cpe:2.3:a:tor_project:tor:*:*:*:*:*:						
cpe:2.3:a:tor_project:tor:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

[← Previous ID](#)

[Next ID →](#)

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](#).

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