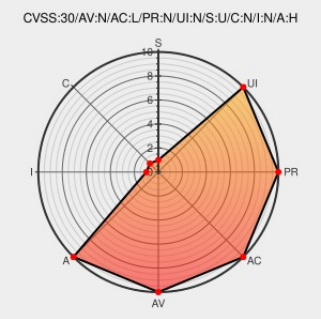
# CVE-2017-8821

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<br>www.debian.org | DEBIAN DSA-4054 |

| | | |
|---|---|---|
| | Depreciated Link<br>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<br>blog.torproject.org<br>text/html | CONFIRM 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<br>bugs.torproject.org<br>text/html | CONFIRM bugs.torproject.org/24246 |



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→

**CVE.report and Source URL Uptime Status status.cve.report**