



CVE-2015-2689

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CVE-2015-2689

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Tor](#) from [Torproject](#) contain the following vulnerability:

Tor before 0.2.4.26 and 0.2.5.x before 0.2.5.11 does not properly handle pending-connection resolve states during periods of high DNS load, which allows remote attackers to cause a denial of service (assertion failure and daemon exit) via crafted packets.

CVE-2015-2689 has been assigned by [security@debian.org](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [The Tor Project](#) - Tor version **before 0.2.4.26**

Affected Vendor/Software: [The Tor Project](#) - Tor version **0.2.5.x before 0.2.5.11**

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
#14422 (A) - CVE-2015-2689: Tor before 0.2.4.26 and 0.2.5.x before 0.2.5.11 does not properly handle pending-connection resolve states during periods of high DNS load, which allows remote attackers to cause a denial of service (assertion failure and daemon exit) via crafted packets.	CVE	MISC

#14129 (Assertion failure in dns.c, possibly connected to UDP DoS attack) – Tor Bug Tracker & Wiki

Patch

Vendor Advisory

trac.torproject.org

text/html

MISC

trac.torproject.org/projects/tor/ticket/14129

[tor-talk] Pre-announcement: source for Tor 0.2.4.26 and 0.2.5.11 is available.

Mailing List

Vendor Advisory

lists.torproject.org

text/html

MISC

lists.torproject.org/pipermail/tor-talk/2015-March/037281.html

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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

cpe:2.3:a:torproject:tor:*****:

cpe:2.3:a:torproject:tor:*****:

No vendor comments have been submitted for this CVE

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