CVE-2016-8860

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2016-8860
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-01-04 20:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Tor before 0.2.8.9 and 0.2.9.x before 0.2.9.4-alpha had internal functions that were entitled to expect that buf_t data had NU

Risk And Classification

Primary CVSS: v3.0 7.5 HIGH from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

EPSS: 0.026820000 probability, percentile 0.859340000 (date 2026-05-07)

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	5		AV:N/AC:L/Au:N/C:N/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:L/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Torproject	Tor	0.2.9.0	alpha	All	All
Application	Torproject	Tor	0.2.9.1	alpha	All	All
Application	Torproject	Tor	0.2.9.2	alpha	All	All
Application	Torproject	Tor	0.2.9.3	alpha	All	All
Application	Torproject	Tor	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
Debian -- Security Information -- DSA-3694-1 tor	af854a3a-2127-422b-91ae-364da26
oss-security - Re: CVE request for tor	af854a3a-2127-422b-91ae-364da26
Add a one-word sentinel value of 0x0 at the end of each buf_t chunk · torproject/tor@3cea86e · GitHub	af854a3a-2127-422b-91ae-364da26
#20384 (TROVE-2016-10-001: out-of-bounds read on buffer chunks) – Tor Bug Tracker & Wiki	af854a3a-2127-422b-91ae-364da26
Tor: Multiple vulnerabilities (GLSA 201612-45) — Gentoo security	af854a3a-2127-422b-91ae-364da26

Tor: Multiple vulnerabilities (GLSA 201612-45) — Gentoo Security	af854a3a-2127-422b-91ae-364da26
Tor 0.2.8.9 is released, with important fixes | The Tor Blog	af854a3a-2127-422b-91ae-364da26
Tor CVE-2016-8860 Remote Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da26
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

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