



CVE-2014-5117

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

Summary

CVE	CVE-2014-5117
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-07-30 16:55:07 UTC
Updated	2026-05-06 22:30:45 UTC
Description	Tor before 0.2.4.23 and 0.2.5 before 0.2.5.6-alpha maintains a circuit after an inbound RELAY_EARLY cell is received by a

Risk And Classification

Primary CVSS: v2.0 5.8 from nvd@nist.gov

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

Problem Types: NVD-CWE-Other | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Torproject	Tor	0.0.2	All	All	All

Application	Torproject	Tor	0.0.2	pre13	All	All
Application	Torproject	Tor	0.0.2	pre14	All	All
Application	Torproject	Tor	0.0.2	pre15	All	All
Application	Torproject	Tor	0.0.2	pre16	All	All
Application	Torproject	Tor	0.0.2	pre17	All	All
Application	Torproject	Tor	0.0.2	pre18	All	All
Application	Torproject	Tor	0.0.2	pre19	All	All
Application	Torproject	Tor	0.0.2	pre20	All	All
Application	Torproject	Tor	0.0.2	pre21	All	All
Application	Torproject	Tor	0.0.2	pre22	All	All
Application	Torproject	Tor	0.0.2	pre23	All	All
Application	Torproject	Tor	0.0.2	pre24	All	All
Application	Torproject	Tor	0.0.2	pre25	All	All
Application	Torproject	Tor	0.0.2	pre26	All	All
Application	Torproject	Tor	0.0.2	pre27	All	All
Application	Torproject	Tor	0.0.3	All	All	All
Application	Torproject	Tor	0.0.4	All	All	All
Application	Torproject	Tor	0.0.5	All	All	All
Application	Torproject	Tor	0.0.6	All	All	All
Application	Torproject	Tor	0.0.6.1	All	All	All
Application	Torproject	Tor	0.0.6.2	All	All	All
Application	Torproject	Tor	0.0.7	All	All	All
Application	Torproject	Tor	0.0.7.1	All	All	All
Application	Torproject	Tor	0.0.7.2	All	All	All
Application	Torproject	Tor	0.0.7.3	All	All	All
Application	Torproject	Tor	0.0.8.1	All	All	All
Application	Torproject	Tor	0.0.9.1	All	All	All
Application	Torproject	Tor	0.0.9.10	All	All	All
Application	Torproject	Tor	0.0.9.2	All	All	All
Application	Torproject	Tor	0.0.9.3	All	All	All
Application	Torproject	Tor	0.0.9.4	All	All	All
Application	Torproject	Tor	0.0.9.5	All	All	All
Application	Torproject	Tor	0.0.9.6	All	All	All
Application	Torproject	Tor	0.0.9.7	All	All	All
Application	Torproject	Tor	0.0.9.8	All	All	All
Application	Torproject	Tor	0.0.9.9	All	All	All

Application	Torproject	Tor	0.1.0.10	All	All	All
Application	Torproject	Tor	0.1.0.11	All	All	All
Application	Torproject	Tor	0.1.0.12	All	All	All
Application	Torproject	Tor	0.1.0.13	All	All	All
Application	Torproject	Tor	0.1.0.14	All	All	All
Application	Torproject	Tor	0.1.0.15	All	All	All
Application	Torproject	Tor	0.1.0.16	All	All	All
Application	Torproject	Tor	0.1.0.17	All	All	All
Application	Torproject	Tor	0.1.1.20	All	All	All
Application	Torproject	Tor	0.1.1.21	All	All	All
Application	Torproject	Tor	0.1.1.22	All	All	All
Application	Torproject	Tor	0.1.1.23	All	All	All
Application	Torproject	Tor	0.1.1.24	All	All	All
Application	Torproject	Tor	0.1.1.25	All	All	All
Application	Torproject	Tor	0.1.1.26	All	All	All
Application	Torproject	Tor	0.1.2.13	All	All	All
Application	Torproject	Tor	0.1.2.14	All	All	All
Application	Torproject	Tor	0.1.2.15	All	All	All
Application	Torproject	Tor	0.1.2.16	All	All	All
Application	Torproject	Tor	0.1.2.17	All	All	All
Application	Torproject	Tor	0.1.2.18	All	All	All
Application	Torproject	Tor	0.1.2.19	All	All	All
Application	Torproject	Tor	0.2.0.30	All	All	All
Application	Torproject	Tor	0.2.0.31	All	All	All
Application	Torproject	Tor	0.2.0.32	All	All	All
Application	Torproject	Tor	0.2.0.33	All	All	All
Application	Torproject	Tor	0.2.0.34	All	All	All
Application	Torproject	Tor	0.2.0.35	All	All	All
Application	Torproject	Tor	0.2.2.18	All	All	All
Application	Torproject	Tor	0.2.2.19	All	All	All
Application	Torproject	Tor	0.2.2.20	All	All	All
Application	Torproject	Tor	0.2.2.21	All	All	All
Application	Torproject	Tor	0.2.2.22	All	All	All
Application	Torproject	Tor	0.2.2.23	All	All	All
Application	Torproject	Tor	0.2.2.24	All	All	All

Application	Torproject	Tor	0.2.2.25	All	All	All
Application	Torproject	Tor	0.2.2.26	All	All	All
Application	Torproject	Tor	0.2.2.27	All	All	All
Application	Torproject	Tor	0.2.2.28	All	All	All
Application	Torproject	Tor	0.2.2.29	All	All	All
Application	Torproject	Tor	0.2.2.30	All	All	All
Application	Torproject	Tor	0.2.2.31	All	All	All
Application	Torproject	Tor	0.2.2.32	All	All	All
Application	Torproject	Tor	0.2.2.33	All	All	All
Application	Torproject	Tor	0.2.2.34	All	All	All
Application	Torproject	Tor	0.2.2.35	All	All	All
Application	Torproject	Tor	0.2.2.36	All	All	All
Application	Torproject	Tor	0.2.2.37	All	All	All
Application	Torproject	Tor	0.2.2.38	All	All	All
Application	Torproject	Tor	0.2.3	All	All	All
Application	Torproject	Tor	0.2.3.13	alpha	All	All
Application	Torproject	Tor	0.2.3.14	alpha	All	All
Application	Torproject	Tor	0.2.3.15	alpha	All	All
Application	Torproject	Tor	0.2.3.16	alpha	All	All
Application	Torproject	Tor	0.2.3.17	beta	All	All
Application	Torproject	Tor	0.2.3.18	rc	All	All
Application	Torproject	Tor	0.2.3.19	rc	All	All
Application	Torproject	Tor	0.2.3.20	rc	All	All
Application	Torproject	Tor	0.2.3.21	rc	All	All
Application	Torproject	Tor	0.2.3.22	rc	All	All
Application	Torproject	Tor	0.2.3.23	rc	All	All
Application	Torproject	Tor	0.2.3.24	rc	All	All
Application	Torproject	Tor	0.2.4.1	alpha	All	All
Application	Torproject	Tor	0.2.4.10	alpha	All	All
Application	Torproject	Tor	0.2.4.11	alpha	All	All
Application	Torproject	Tor	0.2.4.12	alpha	All	All
Application	Torproject	Tor	0.2.4.13	alpha	All	All
Application	Torproject	Tor	0.2.4.14	alpha	All	All
Application	Torproject	Tor	0.2.4.15	rc	All	All
Application	Torproject	Tor	0.2.4.16	rc	All	All
Application	Torproject	Tor	0.2.4.17	All	All	All

Application	torproject	tor	0.2.4.17	rc	All	All
Application	Torproject	Tor	0.2.4.18	rc	All	All
Application	Torproject	Tor	0.2.4.19	All	All	All
Application	Torproject	Tor	0.2.4.2	alpha	All	All
Application	Torproject	Tor	0.2.4.20	All	All	All
Application	Torproject	Tor	0.2.4.3	alpha	All	All
Application	Torproject	Tor	0.2.4.4	alpha	All	All
Application	Torproject	Tor	0.2.4.5	alpha	All	All
Application	Torproject	Tor	0.2.4.6	alpha	All	All
Application	Torproject	Tor	0.2.4.7	alpha	All	All
Application	Torproject	Tor	0.2.4.8	alpha	All	All
Application	Torproject	Tor	0.2.4.9	alpha	All	All
Application	Torproject	Tor	0.2.5.2	alpha	All	All
Application	Torproject	Tor	0.2.5.3	alpha	All	All
Application	Torproject	Tor	0.2.5.4	alpha	All	All
Application	Torproject	Tor	0.2.5.5	alpha	All	All
Application	Torproject	Tor	All	alpha	All	All

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

References	
Reference	Source
[tor-announce] Tor security advisory: "relay early" traffic confirmation attack	af854a3a-2127-422b-91ae-364da2661108
Security Advisory SA60647 - Debian update for tor - Secunia	af854a3a-2127-422b-91ae-364da2661108
#1038 (Problem facing connecting a Tor client to a Tor hidden server) – Tor Bug Tracker & Wiki	af854a3a-2127-422b-91ae-364da2661108
[tor-talk] Tor 0.2.5.6-alpha is out	af854a3a-2127-422b-91ae-364da2661108
Tor security advisory: "relay early" traffic confirmation attack The Tor Blog	af854a3a-2127-422b-91ae-364da2661108
Security Advisory SA60084 - SUSE update for tor - Secunia	af854a3a-2127-422b-91ae-364da2661108
[tor-announce] Tor 0.2.4.23 is released	af854a3a-2127-422b-91ae-364da2661108
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.

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