

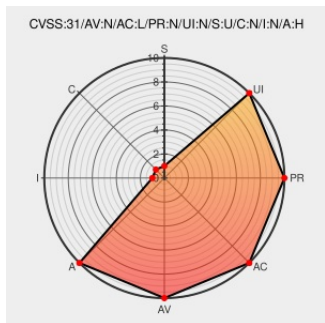


CVE-2018-25021

Published on: 12/12/2021 12:00:00 AM UTC

Last Modified on: 02/08/2022 06:55:00 PM UTC

CVE-2018-25021

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

Certain versions of [Toxcore](#) from [Digitalocean](#) contain the following vulnerability:

The TCP Server module in toxcore before 0.2.8 doesn't free the TCP priority queue under certain conditions, which allows a remote attacker to exhaust the system's memory, causing a denial of service (DoS).

CVE-2018-25021 has been assigned by [M](#) cve@mitre.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
Fix memleak in tcp server by wiping priority queues on deletion by zugz · Pull Request #1216 · TokTok/c-toxcore · GitHub	github.com text/html	MISC github.com/TokTok/c-toxcore/pull/1216
Memory leak bug and new Toxcore release fixing it – Tox Blog	blog.tox.chat text/html	MISC blog.tox.chat/2018/10/memory-leak-bug-and-new-toxcore-release-fixing-it/

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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	Digitalocean	Toxcore	All	All	All	All
Application	Toktok	Toxcore	All	All	All	All
cpe:2.3:a:digitalocean:toxcore:*****:.*						
cpe:2.3:a:toktok:toxcore:*****:.*						

No vendor comments have been submitted for this CVE

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