



DoQ/DoH3 excessive memory allocation

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2026-33595
State	PUBLISHED
Assigner	OX
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 14:16:53 UTC
Updated	2026-04-24 18:49:49 UTC
Description	A client can trigger excessive memory allocation by generating a lot of errors responses over a single DoQ and DoH3 conn

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

Problem Types: CWE-770 | Allocation of Resources Without Limits or Throttling | CWE-770
CWE-770 Allocation of Resources Without Limits or Throttling

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	security@open-xchange.com	Secondary	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L
3.1	CNA	CVSS	5.3	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Powerdns	Dnsdist	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	PowerDNS	DNSdist	affected 1.9.0 1.9.13 semver	Not specified
CNA	PowerDNS	DNSdist	affected 2.0.0 2.0.4 semver	Not specified

References

Reference	Source	Link	Tags
www.dnsdist.org/security-advisories/powerdns-advisory-for-dnsdist-2026-04.html	security@open-xchange.com	www.dnsdist.org	Vendor
CVE Program record	CVE.ORG	www.cve.org	canonic
NVD vulnerability detail	NVD	nvd.nist.gov	canonic

Vendor Comments And Credit

Discovery Credit

CNA: Mehtab Zafar (en)

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

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