



# Outgoing DoH excessive memory allocation

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

## Summary

<b>CVE</b>	CVE-2026-33594
<b>State</b>	PUBLISHED
<b>Assigner</b>	OX
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-04-22 14:16:53 UTC
<b>Updated</b>	2026-04-24 16:48:39 UTC
<b>Description</b>	A client can trigger excessive memory allocation by generating a lot of queries that are routed to an overloaded DoH backer

## 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	<b>CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H</b>
3.1	security@open-xchange.com	Secondary	5.3	MEDIUM	<b>CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L</b>
3.1	CNA	CVSS	5.3	MEDIUM	<b>CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L</b>

## 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
<a href="http://www.dnsdist.org/security-advisories/powerdns-advisory-for-dnsdist-2026-04.html">www.dnsdist.org/security-advisories/powerdns-advisory-for-dnsdist-2026-04.html</a>	security@open-xchange.com	<a href="http://www.dnsdist.org">www.dnsdist.org</a>	Vendor
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	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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