



# Unbounded memory allocation for DoQ and DoH3

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

## Summary

<b>CVE</b>	CVE-2026-24030
<b>State</b>	PUBLISHED
<b>Assigner</b>	OX
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-03-31 12:16:27 UTC
<b>Updated</b>	2026-04-01 14:24:02 UTC
<b>Description</b>	An attacker might be able to trick DNSdist into allocating too much memory while processing DNS over QUIC or DNS over

## Risk And Classification

**Primary CVSS:** v3.1 5.3 MEDIUM from security@open-xchange.com

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

**EPSS:** 0.000120000 probability, percentile 0.018140000 (date 2026-04-01)

**Problem Types:** CWE-789 | Uncontrolled Memory Allocation | CWE-789 CWE-789 Memory Allocation with Excessive Size Value

Version	Source	Type	Score	Severity	Vector
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

ntegrity

None

Availability

Low

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	PowerDNS	DNSdist	affected 1.9.0 1.9.12 semver	Not specified
CNA	PowerDNS	DNSdist	affected 2.0.0 2.0.3 semver	Not specified

### References

Reference	Source	Link	Tags
<a href="http://www.dnsdist.org/security-advisories/powerdns-advisory-for-dnsdist-2026-02.html">www.dnsdist.org/security-advisories/powerdns-advisory-for-dnsdist-2026-02.html</a>	security@open-xchange.com	<a href="http://www.dnsdist.org">www.dnsdist.org</a>	
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:** XavLimSG (en)

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

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