



Out-of-bounds write when rewriting large DNS packets

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

Summary

CVE	CVE-2026-27853
State	PUBLISHED
Assigner	OX
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-31 12:16:27 UTC
Updated	2026-04-01 14:24:02 UTC
Description	An attacker might be able to trigger an out-of-bounds write by sending crafted DNS responses to a DNSdist using the DNSC

Risk And Classification

Primary CVSS: v3.1 5.9 MEDIUM from security@open-xchange.com

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

EPSS: 0.000200000 probability, percentile 0.052750000 (date 2026-04-01)

Problem Types: CWE-787 | Out-of-bounds Write | CWE-787 CWE-787 Out-of-bounds Write

Version	Source	Type	Score	Severity	Vector
3.1	security@open-xchange.com	Secondary	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

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

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
www.dnsdist.org/security-advisories/powerdns-advisory-for-dnsdist-2026-02.html	security@open-xchange.com	www.dnsdist.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

Vendor Comments And Credit

Discovery Credit

CNA: ilya rozentsvaig (en)

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

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