



# Off-by-one access when processing crafted UDP responses

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

## Summary

<b>CVE</b>	CVE-2026-33602
<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 14:16:54 UTC
<b>Updated</b>	2026-04-24 18:52:25 UTC
<b>Description</b>	A rogue backend can send a crafted UDP response with a query ID off by one related to the maximum configured value, tri

## Risk And Classification

**Primary CVSS:** v3.1 8.2 HIGH from nvd@nist.gov

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

**Problem Types:** CWE-122 | Heap-based Buffer Overflow | CWE-122 CWE-122 Heap-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.2	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/A:H
3.1	security@open-xchange.com	Secondary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:H
3.1	CNA	CVSS	6.5	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:L/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

None

Integrity

Low

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:L/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>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical

### Vendor Comments And Credit

Discovery Credit

**CNA:** ylwango613 (en)

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

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