



Use after free when parsing EDNS options in Lua

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2026-27854 |
| State | PUBLISHED |
| Assigner | OX |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-03-31 12:16:28 UTC |
| Updated | 2026-04-01 14:24:02 UTC |
| Description | An attacker might be able to trigger a use-after-free by sending crafted DNS queries to a DNSdist using the DNSQuestion:c |

Risk And Classification

Primary CVSS: v3.1 4.8 MEDIUM from security@open-xchange.com

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

EPSS: 0.000090000 probability, percentile 0.009440000 (date 2026-04-01)

Problem Types: CWE-416 | Use After Free | CWE-416 CWE-416 Use After Free

| Version | Source | Type | Score | Severity | Vector |
|---------|---------------------------|-----------|-------|----------|--|
| 3.1 | security@open-xchange.com | Secondary | 4.8 | MEDIUM | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:L |
| 3.1 | CNA | CVSS | 4.8 | MEDIUM | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:N/A:L |

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

None

Availability

Low

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

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|----------|----------|------------------------------|---------------|
| CNA | PowerDNS | DNSSdist | affected 1.9.0 1.9.12 semver | Not specified |
| CNA | PowerDNS | DNSSdist | affected 2.0.0 2.0.3 semver | Not specified |

References

| Reference | Source | Link | Tags |
|--|---------------------------|--|-----------|
| www.dnssdist.org/security-advisories/powerdns-advisory-for-dnssdist-2026-02.html | security@open-xchange.com | www.dnssdist.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: Naoki Wakamatsu (en)

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

© [CVE.report](https://cve.report) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/licenses).

CVE.report and Source URL Uptime Status status.cve.report