CVE-2024-0874

VEX

Public on July 3, 2023

Last modified: October 3, 2025 at 9:19:22 PM UTC

MODERATE

Moderate severity

What does this mean?

5.3

CVSS v3 Score Breakdown

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Description

A flaw was found in coredns. This issue could lead to invalid cache entries returning due to incorrectly implemented caching.

Additional information

- Bugzilla 2219234: coredns: CD bit response is cached and served later
- CWE-524: Use of Cache Containing Sensitive Information
- FAQ: Frequently asked questions about CVE-2024-0874

External references

- https://www.cve.org/CVERecord?id=CVE-2024-0874
- https://nvd.nist.gov/vuln/detail/CVE-2024-0874
- https://github.com/coredns/coredns/issues/6186
- https://github.com/coredns/coredns/pull/6354

Common Vulnerability Scoring System (CVSS) Score Details

Important note

CVSS scores for open source components depend on vendor-specific factors (e.g. version or build chain). Therefore, Red Hat's score and impact rating can be different from NVD and other vendors. Red Hat remains the authoritative CVE Naming Authority (CNA) source for its products and services (see Red Hat classifications).

CVSS v3 Score Breakdown

	Red Hat	NVD
CVSS v3 Base Score	5.3	N/A
Attack Vector	Network	N/A
Attack Complexity	Low	N/A
Privileges Required	None	N/A
User Interaction	None	N/A
Scope	Unchanged	N/A

	Red Hat	NVD
Confidentiality Impact	None	N/A
Integrity Impact	Low	N/A
Availability Impact	None	N/A

CVSS v3 Vector

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

Acknowledgements

This issue was discovered by Petr Mensik (Red Hat).

Frequently Asked Questions

- Why is Red Hat's CVSS v3 score or Impact different from other vendors? >
- My product is listed as "Under investigation" or "Affected", when will Red Hat release a fix for this vulnerability? >
- What can I do if my product is listed as "Will not fix"? >
- What can I do if my product is listed as "Fix deferred"? >
- What is a mitigation? >
- I have a Red Hat product but it is not in the above list, is it affected? >

Why is my security scanner reporting my product as vulnerable to this vulnerability even though my product version is fixed or not affected?

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For clarification or corrections, please contact Red Hat Product Security.

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