



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Denial of Service vulnerability in MongoDB Server
Tracking #:432318871
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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a high severity vulnerability (CVE-2026-6914) has been identified in MongoDB Server that can lead to a denial of service (DoS) condition.

TECHNICAL DETAILS:

A high severity vulnerability (CVE-2026-6914) has been identified in MongoDB Server that can lead to a denial of service (DoS) condition. The issue occurs when the server computes the MD5 checksum of a specially crafted malformed BSON object under specific conditions, resulting in loss of availability (crash or unresponsiveness).

The vulnerability requires authenticated access with low privileges (PR:L) and affects multiple supported branches of MongoDB Server. While not remotely exploitable without authentication, it poses a significant risk in environments where users or applications can submit BSON data.

Vulnerability Details

- CVE ID: CVE-2026-6914
- Jira Reference: SERVER-119981
- Severity: CVSS v4.0 Base Score: 7.1 (High)
- Vulnerability Type: Denial of Service (Availability Impact)
- Affected Component: BSON processing and MD5 checksum calculation in the MongoDB Server core.
- Attack Vector: Network (requires authenticated user with privileges to submit or trigger BSON objects).
- Exploit Complexity: Low

Affected Versions

- MongoDB Server v8.2.x (all versions)
- MongoDB Server v8.1.x (all versions)
- MongoDB Server v8.0.x prior to 8.0.21
- MongoDB Server v7.0.x prior to 7.0.32

Fixed Versions

- 8.3.0-rc0 (and later)
- 8.2.7
- 8.0.21
- 7.0.32

RECOMMENDATIONS:

- Immediate Actions: Upgrade MongoDB Server to the fixed versions.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.



REFERENCES:

- <https://jira.mongodb.org/browse/SERVER-11981>