



MD5 checksum creation may cause availability loss

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

Summary

CVE	CVE-2026-6914
State	PUBLISHED
Assigner	mongodb
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-29 17:16:41 UTC
Updated	2026-05-06 20:11:08 UTC
Description	Computing the MD5 checksum of a malformed BSON object under specific conditions may cause loss of availability in Mon

Risk And Classification

Primary CVSS: v4.0 7.1 HIGH from cna@mongodb.com

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

EPSS: 0.000440000 probability, percentile 0.133060000 (date 2026-05-05)

Problem Types: CWE-191 | CWE-191 CWE-191 Integer underflow (wrap or wraparound)

Version	Source	Type	Score	Severity	Vector
4.0	cna@mongodb.com	Secondary	7.1	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/
4.0	CNA	CVSS	7.1	HIGH	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N
3.1	nvd@nist.gov	Primary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	cna@mongodb.com	Secondary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	CVSS	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

None

Availability

High

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:N/VI:N/VA:H/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mongodb	Mongodb	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platform
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Source	Vendor	Product	Version	Platforms
CNA	MongoDB	MongoDB Server	affected 8.2.0 8.2.7 custom	Not specified
CNA	MongoDB	MongoDB Server	affected 8.1.0 8.1.* custom	Not specified
CNA	MongoDB	MongoDB Server	affected 8.0.0 8.0.21 custom	Not specified
CNA	MongoDB	MongoDB Server	affected 7.0.0 7.0.32 custom	Not specified

References

Reference	Source	Link	Tags
jira.mongodb.org/browse/SERVER-119981	cna@mongodb.com	jira.mongodb.org	Issue Tracking, Patch
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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