



Axiomatic Bento4 mp4decrypt Mp4Decrypt.cpp SetDataSize allocation of resources

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2025-8537 |
| State | PUBLISHED |
| Assigner | VulDB |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2025-08-05 01:15:43 UTC |
| Updated | 2026-04-29 01:00:01 UTC |
| Description | A vulnerability, which was classified as problematic, was found in Axiomatic Bento4 up to 1.6.0-641. Affected is the function |

Risk And Classification

Primary CVSS: v4.0 2.9 LOW from cna@vulldb.com

CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/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

Problem Types: CWE-400 | CWE-770 | CWE-617 | CWE-770 Allocation of Resources | CWE-400 Resource Consumption

| Version | Source | Type | Score | Severity | Vector |
|---------|----------------|-----------|-------|----------|--|
| 4.0 | cna@vulldb.com | Secondary | 2.9 | LOW | CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/C. |
| 4.0 | CNA | DECLARED | 6.3 | MEDIUM | CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P |
| 3.1 | nvd@nist.gov | Primary | 5.9 | MEDIUM | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H |
| 3.1 | cna@vulldb.com | Secondary | 3.7 | LOW | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:L |
| 3.1 | CNA | DECLARED | 3.7 | LOW | CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R |
| 3.0 | CNA | DECLARED | 3.7 | LOW | CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R |
| 2.0 | cna@vulldb.com | Secondary | 2.6 | | AV:N/AC:H/Au:N/C:N/I:N/A:P |
| 2.0 | CNA | DECLARED | 2.6 | | AV:N/AC:H/Au:N/C:N/I:N/A:P/E:POC/RL:ND/RC:UR |

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

High

Attack Requirements

None

Privileges Required

None

User Interaction

None

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:H/AT:N/PR:N/UI:N/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:P/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

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

CVSS v3.0 Breakdown

Attack Vector

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

Low

CVSS:3.0/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:L/E:P/RL:X/RC:R

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|-------------|-------------------------|------------------------|---------|--------|---------|----------|
| Application | Axiosys | Bento4 | All | All | All | All |

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|---------------------------|------------------------|--------------------|---------------|
| CNA | Axiomatic | Bento4 | affected 1.6.0-641 | Not specified |

References

| Reference | Source | Link | Tag |
|---|--|--|------|
| vuldb.com | cna@vuldb.com | vuldb.com | Per |
| vuldb.com | cna@vuldb.com | vuldb.com | Thir |
| drive.google.com/file/d/1AkRpx3wcMy3lc9tQeQyRjybBipK72aQO/view | cna@vuldb.com | drive.google.com | Exp |
| vuldb.com | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | vuldb.com | Exp |
| github.com/axiomatic-systems/Bento4/issues/1037 | 134c704f-9b21-4f2e-91b3-4a467353bcc0 | github.com | Exp |
| CVE Program record | CVE.ORG | www.cve.org | can |
| NVD vulnerability detail | NVD | nvd.nist.gov | can |

No vendor comments have been submitted for this CVE.

Additional Advisory Data

| Source | Time | Event |
|--------|------|-------|
|--------|------|-------|

| Source | Time | Event |
|--------|--------------------------|-------------------------|
| CNA | 2025-08-04T00:00:00.000Z | Advisory disclosed |
| CNA | 2025-08-04T02:00:00.000Z | VulDB entry created |
| CNA | 2025-08-04T14:20:38.000Z | VulDB entry last update |

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

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