

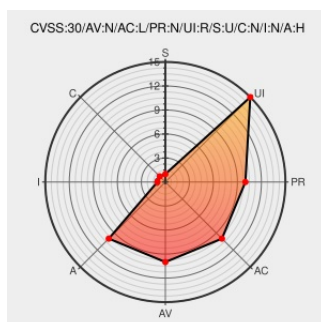


CVE-2017-14640

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CVE-2017-14640

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Bento4](#) from [Bento4](#) contain the following vulnerability:

A NULL pointer dereference was discovered in AP4_AtomSampleTable::GetSample in Core/Ap4AtomSampleTable.cpp in Bento4 version 1.5.0-617. The vulnerability causes a segmentation fault and application crash, which leads to remote denial of service.

CVE-2017-14640 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: 6.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 4.3 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
NULL pointer dereference in AP4_AtomSampleTable::GetSample (Ap4AtomSampleTable.cpp) · Issue #183 · axiomatic-systems/Bento4 · GitHub	Exploit Third Party Advisory github.com	MISC github.com/axiomatic-systems/Bento4/issues/183

axiomatic-systems/Bento4 · GitHub

fix for #183 · axiomatic-systems/Bento4@2f267f8 · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC github.com/axiomatic-systems/Bento4/commit/2f267f89f957088197f4b1fc254632d1645b415d

bento4: NULL pointer dereference in AP4_AtomSampleTable::GetSample (Ap4AtomSampleTable.cpp) | agostino's blog

Exploit

Issue Tracking

Patch

Third Party Advisory

VDB Entry

blogs.gentoo.org

text/html

MISC blogs.gentoo.org/ago/2017/09/14/bento4-null-pointer-dereference-in-ap4_atomsampletablegetsample-ap4atomsampletable-cpp/

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Bento4	Bento4	1.5.0-617	All	All	All
Application	Bento4	Bento4	1.5.0-617	All	All	All

cpe:2.3:a:bento4:bento4:1.5.0-617:****:*:*:

cpe:2.3:a:bento4:bento4:1.5.0-617:****:*:*:

No vendor comments have been submitted for this CVE

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