

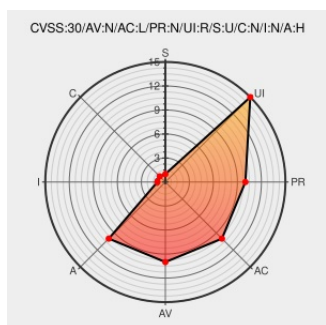


CVE-2017-14643

Published on: 09/21/2017 12:00:00 AM UTC

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CVE-2017-14643

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

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

The AP4_HdlrAtom class in Core/AP4HdlrAtom.cpp in Bento4 version 1.5.0-617 uses an incorrect character data type, leading to a heap-based buffer over-read and application crash in AP4_BytesToUInt32BE in Core/AP4Utils.h.

CVE-2017-14643 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
fix for #187 · axiomatic-systems/Bento4@5eb8cf8 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/axiomatic-systems/Bento4/commit/5eb8cf89d724ccb0b4ce5f24171ec7c11f0a7647

heap-based buffer overflow in AP4_BytesToUInt32BE (Ap4Utils.h) · Issue #187 · axiomatic-systems/Bento4 · GitHub

Exploit

Third Party Advisory

github.com

text/html

MISC github.com/axiomatic-systems/Bento4/issues/187

bento4: heap-based buffer overflow in AP4_BytesToUInt32BE (Ap4Utils.h) | 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-heap-based-buffer-overflow-in-ap4_bytestouint32be-ap4utils-h/

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