



CVE-2019-8382

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CVE-2019-8382

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

An issue was discovered in Bento4 1.5.1-628. A NULL pointer dereference occurs in the function AP4_List:Find located in Core/AP4List.h when called from Core/AP4Movie.cpp. It can be triggered by sending a crafted file to the mp4dump binary. It allows an attacker to cause a Denial of Service (Segmentation fault) or possibly have unspecified other impact.

CVE-2019-8382 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
CVE-2019-8382: NULL POINTER DEREFERENCE Vulnerability in function AP4_List:Find() - Bento4-1.5.1-628 - Loginsoft	Exploit Third Party Advisory	MISC research.loginsoft.com/bugs/null-pointer-dereference-vulnerability-in-function-

Research

research.loginsoft.com

ap4_listfind-bento4-1-5-1-628/

text/html

NULL POINTER DEREFERENCE in AP4_List: Find () · Issue #364 · axiomatic-systems/Bento4 · GitHub

Exploit

Third Party Advisory

github.com

text/html

MISC

github.com/axiomatic-systems/Bento4/issues/364

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Axiosys	Bento4	1.5.1-628	All	All	All
Application	Axiosys	Bento4	1.5.1-628	All	All	All

cpe:2.3:a:axiosys:bento4:1.5.1-628:*****:

cpe:2.3:a:axiosys:bento4:1.5.1-628:*****:

No vendor comments have been submitted for this CVE

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