



CVE-2020-22677

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

CVSS:31/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H



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

An issue was discovered in gpac 0.8.0. The dump_data_hex function in box_dump.c has a heap-based buffer overflow which can lead to a denial of service (DOS) via a crafted input.

CVE-2020-22677 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	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
There is a heap-buffer-overflow in the dump_data_hex function of box_dump.c:51 · Issue #1341 · gpac/gpac · GitHub	github.com text/html	MISC github.com/gpac/gpac/issues/1341

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Related QID Numbers

180749 Debian Security Update for gpac (CVE-2020-22677)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gpac	Gpac	0.8.0	All	All	All
cpe:2.3:a:gpac:gpac:0.8.0:*****:..						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-22677 : An issue was discovered in gpac 0.8.0. The dump_data_hex function in box_dump.c has a heap-based b... twitter.com/i/web/status/1...	2021-10-12 21:06:45

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