

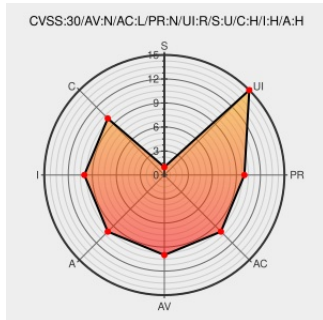


CVE-2021-21851

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CVE-2021-21851

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

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

Multiple exploitable integer overflow vulnerabilities exist within the MPEG-4 decoding functionality of the GPAC Project on Advanced Content library v1.0.1. A specially crafted MPEG-4 input at “csgp” decoder sample group description indices can cause an integer overflow due to unchecked arithmetic resulting in a heap-based buffer overflow that causes memory corruption. An attacker can convince a user to open a video to trigger this vulnerability.

CVE-2021-21851 has been assigned by [Cisco Talos](#) talos-cna@cisco.com 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
TALOS-2021-1297 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	www.talosintelligence.com/text/html	MISC www.talosintelligence.com/vulnerability_reports/TALOS-

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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	Gpac	Gpac	1.0.1	All	All	All
cpe:2.3:a:gpac:gpac:1.0.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-21851 : Multiple exploitable integer overflow vulnerabilities exist within the MPEG-4 decoding functionali... twitter.com/i/web/status/1...	2021-08-18 13:07:09

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