



# CVE-2021-33362

Published on: 09/13/2021 12:00:00 AM UTC

Last Modified on: 09/23/2021 06:18:00 PM UTC

## CVE-2021-33362

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

Certain versions of [Gpac](#) from [Gpac](#) contain the following vulnerability:  
Stack buffer overflow in the hevc\_parse\_vps\_extension function in MP4Box in GPAC 1.0.1 allows attackers to cause a denial of service or execute arbitrary code via a crafted file.

CVE-2021-33362 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                | Tags                                                    | Link                                                                                     |
|----------------------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------|
| [Security]stack overflow(oob) in MP4Box · Issue #1780 · gpac/gpac · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/gpac/gpac/issues/1780</a>                                    |
| fixed #1780 (fuzz) · gpac/gpac@1273cdc · GitHub                            | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/gpac/gpac/commit/1273cdc706eedf8346d4b9faa5b33435056061d</a> |

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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                          | <a href="#">Gpac</a> | <a href="#">Gpac</a> | 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-2021-33362 : Stack buffer overflow in the hevc_parse_vps_extension function in MP4Box in GPAC 1.0.1 allows atta... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2021-09-13<br>19:07:20 |

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