

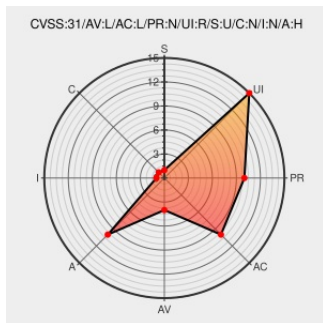


# CVE-2019-20169

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## CVE-2019-20169

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

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

An issue was discovered in GPAC version 0.8.0 and 0.9.0-development-20191109. There is a use-after-free in the function `trak_Read()` in `isomedia/box_code_base.c`.

CVE-2019-20169 has been assigned by [M](#) [cve@mitre.org](mailto: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    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **4.3 - MEDIUM**

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

## CVE References

| Description                                                                                                            | Tags                                                                                                                       | Link                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| AddressSanitizer: heap-use-after-free in trak_Read<br>isomedia/box_code_base.c:7153 · Issue #1329 · gpac/gpac · GitHub | <a href="#">Exploit</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="https://github.com/gpac/gpac/issues/1329">github.com/gpac/gpac/issues/1329</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 | Gpac   | Gpac    | 0.8.0   | All    | All     | All      |
| Application | Gpac   | Gpac    | 0.9.0   | All    | All     | All      |
| Application | Gpac   | Gpac    | 0.8.0   | All    | All     | All      |
| Application | Gpac   | Gpac    | 0.9.0   | All    | All     | All      |

```
cpe:2.3:a:gpac:gpac:0.8.0:*.~*~*~*~*~*~*
```

```
cpe:2.3:a:gpac:gpac:0.9.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:gpac:gpac:0.8.0:*:*:*:*:*:*:
```

```
cpe:2.3:a:gpac:gpac:0.9.0:*:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

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