

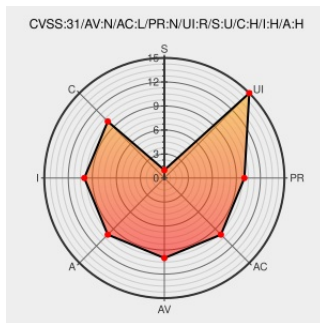


# CVE-2019-9307

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## CVE-2019-9307

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

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

In libAACdec, there is a possible out of bounds write due to an integer overflow. This could lead to remote code execution with no additional execution privileges needed. User interaction is needed for exploitation. Product: AndroidVersions: Android-10Android ID: A-112661893

CVE-2019-9307 has been assigned by security@android.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</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                                                                           |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Android 10 Security Release Notes   Android Open Source Project | <a href="#">Vendor Advisory</a><br><a href="#">source.android.com</a><br><a href="#">text/html</a> | <b>MISC</b><br><a href="#">source.android.com/security/bulletin/android-10</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 |
|------------------------------------------|--------|---------|---------|--------|---------|----------|
| Operating System                         | Google | Android | 10.0    | All    | All     | All      |
| Operating System                         | Google | Android | 10.0    | All    | All     | All      |
| cpe:2.3:o:google:android:10.0:*:*:*:*:*: |        |         |         |        |         |          |
| cpe:2.3:o:google:android:10.0:*:*:*:*:*: |        |         |         |        |         |          |

No vendor comments have been submitted for this CVE

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