

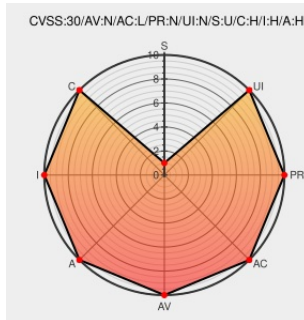


# CVE-2016-0803

Published on: 02/06/2016 12:00:00 AM UTC

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## CVE-2016-0803

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

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

libstagefright in mediaserver in Android 4.x before 4.4.4, 5.x before 5.1.1 LMY49G, and 6.x before 2016-02-01 allows remote attackers to execute arbitrary code or cause a denial of service (memory corruption) via a crafted media file that triggers a large memory allocation in the (1) SoftMPEG4Encoder or (2) SoftVPXEncoder component, aka internal bug 25812794.

CVE-2016-0803 has been assigned by security@android.com to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

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

## CVE References

| Description                             | Tags                                                            | Link                                                                                                                                           |
|-----------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Nexus Security Bulletin - February 2016 | <a href="#">source.android.com</a><br><a href="#">text/html</a> | <b>CONFIRM</b> <a href="https://source.android.com/security/bulletin/2016-02-01.html">source.android.com/security/bulletin/2016-02-01.html</a> |

Android Open Source Project

/ - platform/frameworks/av - Git at Google

Vendor Advisory

android.googlesource.com

text/html

CONFIRM

android.googlesource.com/platform%2Fframeworks%2Fav/+50270d98e26fa18b20ca88

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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 | 4.0     | All    | All     | All      |
| Operating System                         | Google | Android | 4.0.1   | All    | All     | All      |
| Operating System                         | Google | Android | 4.0.2   | All    | All     | All      |
| Operating System                         | Google | Android | 4.0.3   | All    | All     | All      |
| Operating System                         | Google | Android | 4.0.4   | All    | All     | All      |
| Operating System                         | Google | Android | 4.1     | All    | All     | All      |
| Operating System                         | Google | Android | 4.1.2   | All    | All     | All      |
| Operating System                         | Google | Android | 4.2     | All    | All     | All      |
| Operating System                         | Google | Android | 4.2.1   | All    | All     | All      |
| Operating System                         | Google | Android | 4.2.2   | All    | All     | All      |
| Operating System                         | Google | Android | 4.3     | All    | All     | All      |
| Operating System                         | Google | Android | 4.3.1   | All    | All     | All      |
| Operating System                         | Google | Android | 4.4     | All    | All     | All      |
| Operating System                         | Google | Android | 4.4.1   | All    | All     | All      |
| Operating System                         | Google | Android | 4.4.2   | All    | All     | All      |
| Operating System                         | Google | Android | 4.4.3   | All    | All     | All      |

| Operating System | Google | Android | 4.4.4 | All | All | All |
|------------------|--------|---------|-------|-----|-----|-----|
| Operating System | Google | Android | 4.4.4 | All | All | All |
| Operating System | Google | Android | 5.0   | All | All | All |
| Operating System | Google | Android | 5.0.1 | All | All | All |
| Operating System | Google | Android | 5.0.2 | All | All | All |
| Operating System | Google | Android | 5.1   | All | All | All |
| Operating System | Google | Android | 5.1.0 | All | All | All |
| Operating System | Google | Android | 5.1.1 | All | All | All |
| Operating System | Google | Android | 6.0   | All | All | All |
| Operating System | Google | Android | 6.0.1 | All | All | All |
| Operating System | Google | Android | 4.0   | All | All | All |
| Operating System | Google | Android | 4.0.1 | All | All | All |
| Operating System | Google | Android | 4.0.2 | All | All | All |
| Operating System | Google | Android | 4.0.3 | All | All | All |
| Operating System | Google | Android | 4.0.4 | All | All | All |
| Operating System | Google | Android | 4.1   | All | All | All |
| Operating System | Google | Android | 4.1.2 | All | All | All |
| Operating System | Google | Android | 4.2   | All | All | All |
| Operating System | Google | Android | 4.2.1 | All | All | All |
| Operating System | Google | Android | 4.2.2 | All | All | All |
| Operating System | Google | Android | 4.3   | All | All | All |
| Operating System | Google | Android | 4.3.1 | All | All | All |
| Operating System | Google | Android | 4.4   | All | All | All |
| Operating System | Google | Android | 4.4.1 | All | All | All |

|                                         |        |         |       |     |     |     |
|-----------------------------------------|--------|---------|-------|-----|-----|-----|
| Operating System                        | Google | Android | 4.4.1 | All | All | All |
| Operating System                        | Google | Android | 4.4.2 | All | All | All |
| Operating System                        | Google | Android | 4.4.3 | All | All | All |
| Operating System                        | Google | Android | 4.4.4 | All | All | All |
| Operating System                        | Google | Android | 5.0   | All | All | All |
| Operating System                        | Google | Android | 5.0.1 | All | All | All |
| Operating System                        | Google | Android | 5.0.2 | All | All | All |
| Operating System                        | Google | Android | 5.1   | All | All | All |
| Operating System                        | Google | Android | 5.1.0 | All | All | All |
| Operating System                        | Google | Android | 5.1.1 | All | All | All |
| Operating System                        | Google | Android | 6.0   | All | All | All |
| Operating System                        | Google | Android | 6.0.1 | All | All | All |
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| cpe:2.3:o:google:android:4.0.1:*****.*: |        |         |       |     |     |     |
| cpe:2.3:o:google:android:4.0.2:*****.*: |        |         |       |     |     |     |
| cpe:2.3:o:google:android:4.0.3:*****.*: |        |         |       |     |     |     |
| cpe:2.3:o:google:android:4.0.4:*****.*: |        |         |       |     |     |     |
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| cpe:2.3:o:google:android:4.2.2:*****.*: |        |         |       |     |     |     |
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|-------------------------------------------|
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| cpe:2.3:o:google:android:6.0:*****:   |
| cpe:2.3:o:google:android:6.0.1:*****: |

No vendor comments have been submitted for this CVE

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