



# CVE-2017-0745

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-0745                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | security@android.com                                                                                                       |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2017-08-09 21:29:00 UTC                                                                                                    |
| <b>Updated</b>         | 2019-10-03 00:03:00 UTC                                                                                                    |
| <b>Description</b>     | A remote code execution vulnerability in the Android media framework (avc decoder). Product: Android. Versions: 4.4.4, 5.0 |

## Risk And Classification

### Problem Types: CWE-665

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                 | Product                 | Version | Update | Edition | Language |
|------------------|------------------------|-------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.0     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.0.1   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.0.2   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.0.3   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.0.4   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.1     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.1.2   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.2     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.2.1   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.2.2   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.3     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.3.1   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.4     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.4.1   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.4.2   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 4.4.3   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 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 | 7.0   | All | All | All |
| Operating System | Google | Android | 7.1.0 | All | All | All |
| Operating System | Google | Android | 7.1.1 | All | All | All |
| Operating System | Google | Android | 7.1.2 | 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 | 4.4.2 | 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 | <a href="#">Google</a> | <a href="#">Android</a> | 6.0   | All | All | All |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 6.0.1 | All | All | All |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 7.0   | All | All | All |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 7.1.0 | All | All | All |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 7.1.1 | All | All | All |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 7.1.2 | All | All | All |

| References                                                          |         |  |                                                                   |  |                             |  |
|---------------------------------------------------------------------|---------|--|-------------------------------------------------------------------|--|-----------------------------|--|
| Reference                                                           | Source  |  | Link                                                              |  | Tags                        |  |
| Android Security Bulletin—August 2017   Android Open Source Project | CONFIRM |  | <a href="https://source.android.com">source.android.com</a>       |  | Patch, Vendor Advisory      |  |
| Malformed Request                                                   | BID     |  | <a href="https://www.securityfocus.com">www.securityfocus.com</a> |  | Third Party Advisory, VDB E |  |
| CVE Program record                                                  | CVE.ORG |  | <a href="https://www.cve.org">www.cve.org</a>                     |  | canonical                   |  |
| NVD vulnerability detail                                            | NVD     |  | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                   |  | canonical, analysis         |  |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.