



# CVE-2017-13178

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

## Summary

|                        |                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-13178                                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                                     |
| <b>Assigner</b>        | security@android.com                                                                                                       |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                               |
| <b>Published</b>       | 2018-01-12 23:29:00 UTC                                                                                                    |
| <b>Updated</b>         | 2018-02-01 20:49:00 UTC                                                                                                    |
| <b>Description</b>     | In the initDecoder function of SoftAVCDec, there is a possible out-of-bounds write to mCodecCtx due to a use after free wh |

## Risk And Classification

**Problem Types:** CWE-787 | CWE-416

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                 | Product                 | Version | Update | Edition | Language |
|------------------|------------------------|-------------------------|---------|--------|---------|----------|
| 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> | 7.1.1   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 7.1.2   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 8.0     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 8.1     | 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> | 7.1.1   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 7.1.2   | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 8.0     | All    | All     | All      |
| Operating System | <a href="#">Google</a> | <a href="#">Android</a> | 8.1     | All    | All     | All      |

## References

| Reference | Source |
|-----------|--------|
|-----------|--------|

|                                                                                                                               |        |
|-------------------------------------------------------------------------------------------------------------------------------|--------|
| Google Android Bugs Let Remote Users Obtain Sensitive Information, Deny Service, and Execute Arbitrary Code - SecurityTracker | SECTR  |
| Malformed Request                                                                                                             | BID    |
| Android Security Bulletin—January 2018   Android Open Source Project                                                          | CONFID |
| CVE Program record                                                                                                            | CVE.OF |
| NVD vulnerability detail                                                                                                      | NVD    |



No vendor comments have been submitted for this CVE.

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