



# CVE-2016-8445

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

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2016-8445   |
| <b>State</b>           | PUBLISHED   |
| <b>Assigner</b>        | google_android  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2017-01-12 20:59:01 UTC   |
| <b>Updated</b>         | 2026-05-06 22:30:45 UTC   |
| <b>Description</b>     | An elevation of privilege vulnerability in MediaTek components, including the thermal driver and video driver, could enable a |

## Risk And Classification

**Primary CVSS:** v3.0 7 HIGH from nvd@nist.gov

**CVSS:** 3.0/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

**EPSS:** 0.000490000 probability, percentile 0.151450000 (date 2026-05-10)

**Problem Types:** CWE-264 | Elevation of privilege

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|--|
| 3.0     | nvd@nist.gov | Primary | 7     | HIGH     | CVSS:3.0/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H |
| 2.0     | nvd@nist.gov | Primary | 7.6   |          | AV:N/AC:H/Au:N/C:C/I:C/A:C                   |

## CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

CVSS:3.0/AV:L/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

High

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:H/Au:N/C:C/I:C/A:C

### NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------|---------|---------|--------|---------|----------|
| Operating System | Google | Android | All     | All    | All     | All      |

### Vendor Declared Affected Products

| Source | Vendor      | Product | Version      | Platforms     |
|--------|-------------|---------|--------------|---------------|
| CNA    | Google Inc. | Android | affected n/a | Not specified |

### References

| Reference  | Source                               | Link  |
|--|--------------------------------------|---|
| Google Android MediaTek Components Multiple Privilege Escalation Vulnerabilities | af854a3a-2127-422b-91ae-364da2661108 | <a href="http://www.secureworks.com">www.secureworks.com</a>  |
| Android Security Bulletin—January 2017   Android Open Source Project             | af854a3a-2127-422b-91ae-364da2661108 | <a href="https://source.android.com/security/bulletin/2017-01">source.android.com/security/bulletin/2017-01</a> |
| CVE Program record   | CVE.ORG                              | <a href="http://www.cve.org">www.cve.org</a>  |
| NVD vulnerability detail   | NVD                                  | <a href="http://nvd.nist.gov">nvd.nist.gov</a>  |

No vendor comments have been submitted for this CVE.

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

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