



# CVE-2016-8447

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2016-8447
<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:** 0.000400000 probability, percentile 0.121800000 (date 2026-05-11)

**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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