



# CVE-2016-8454

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

## Summary

|                 |                                                                                                                                |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2016-8454                                                                                                                  |
| State           | PUBLISHED                                                                                                                      |
| Assigner        | google_android                                                                                                                 |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                                   |
| Published       | 2017-01-12 20:59:01 UTC                                                                                                        |
| Updated         | 2026-05-06 22:30:45 UTC                                                                                                        |
| Description     | An elevation of privilege vulnerability in the Broadcom Wi-Fi driver could enable a local malicious application to execute arb |

## 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:** 0.002280000 probability, percentile 0.454010000 (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 | Linux  | Linux Kernel | 3.10    | All    | All     | All      |
| Operating System | Linux  | Linux Kernel | 3.18    | All    | All     | All      |

Vendor Declared Affected Products

| Source | Vendor | Product                         | Version                                  | Platforms     |
|--------|--------|---------------------------------|------------------------------------------|---------------|
| CNA    | Na     | Android Kernel-3.10 Kernel-3.18 | affected Android Kernel-3.10 Kernel-3.18 | Not specified |

References

| Reference                                                                        | Source                               | Link                         |
|----------------------------------------------------------------------------------|--------------------------------------|------------------------------|
| Google Nexus Broadcom Wi-Fi Driver Multiple Privilege Escalation Vulnerabilities | af854a3a-2127-422b-91ae-364da2661108 | <a href="#">www.securit</a>  |
| Android Security Bulletin—January 2017   Android Open Source Project             | af854a3a-2127-422b-91ae-364da2661108 | <a href="#">source.andr</a>  |
| CVE Program record                                                               | CVE.ORG                              | <a href="#">www.cve.org</a>  |
| NVD vulnerability detail                                                         | NVD                                  | <a href="#">nvd.nist.gov</a> |

No vendor comments have been submitted for this CVE.

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

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

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