



CVE-2016-6737

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2016-6737
State	PUBLISHED
Assigner	google_android
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-11-25 16:59:40 UTC
Updated	2026-05-06 22:30:45 UTC
Description	An elevation of privilege vulnerability in the kernel ION subsystem in Android before 2016-11-05 could enable a local malicious user to gain root access.

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.000370000 probability, percentile 0.111320000 (date 2026-05-08)

Problem Types: CWE-264 | Elevation of privilege

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	9.3		AV:N/AC:M/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:N/AC:M/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	7.0	All	All	All
Operating System	Google	Android	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Google Inc.	Android	affected Kernel-3.10	Not specified
CNA	Google Inc.	Android	affected Kernel-3.18	Not specified

References

Reference	Source	Link
Google Android Kernel ION Subsystem Multiple Remote Privilege Escalation Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	wv
Android Security Bulletin—November 2016 Android Open Source Project	af854a3a-2127-422b-91ae-364da2661108	so
CVE Program record	CVE.ORG	wv
NVD vulnerability detail	NVD	nv

No vendor comments have been submitted for this CVE.

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

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