



CVE-2016-10290

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

Summary

CVE	CVE-2016-10290
State	PUBLISHED
Assigner	google_android
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-05-12 15:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	An elevation of privilege vulnerability in the Qualcomm shared memory driver could enable a local malicious application to e

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

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
- 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	Google Inc.	Android	affected Kernel-3.10	Not specified
CNA	Google Inc.	Android	affected Kernel-3.18	Not specified

References

Reference	Source
Google Android Qualcomm Shared Memory Driver CVE-2016-10290 Privilege Escalation Vulnerability	af854a3a-2127-422b-91ae-364da260
Android Security Bulletin—May 2017 Android Open Source Project	af854a3a-2127-422b-91ae-364da260
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

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

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