



CVE-2015-8950

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

CVE	CVE-2015-8950
State	PUBLISHED
Assigner	google_android
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-10-10 10:59:01 UTC
Updated	2026-05-06 22:30:45 UTC
Description	arch/arm64/mm/dma-mapping.c in the Linux kernel before 4.0.3, as used in the ION subsystem in Android and other products, has a use-after-free vulnerability. A remote attacker can exploit this to cause a denial of service or possibly execute arbitrary code.

Risk And Classification

Primary CVSS: v3.0 5.5 MEDIUM from nvd@nist.gov

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

EPSS: 0.001470000 probability, percentile 0.346830000 (date 2026-05-07)

Problem Types: CWE-200 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:N/A:N
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:P/I:N/A:N

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

None

None

Availability

None

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

None

AV:N/AC:M/Au:N/C:P/I:N/A:N

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
arm64: dma-mapping: always clear allocated buffers · torvalds/linux@6829e27 · GitHub	af854a3a-2127-422b-91ae-364da2661108	github
Android Security Bulletin—October 2016 Android Open Source Project	af854a3a-2127-422b-91ae-364da2661108	source
Linux Kernel CVE-2015-8950 Information Disclosure Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.s
kernel/git/torvalds/linux.git - Linux kernel source tree	af854a3a-2127-422b-91ae-364da2661108	git.ker
kernel/msm-3.10 - Unnamed repository	af854a3a-2127-422b-91ae-364da2661108	source
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.0.3	af854a3a-2127-422b-91ae-364da2661108	www.l
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.ni

No vendor comments have been submitted for this CVE.

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

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