CVE-2015-8955

Published on: 10/10/2016 12:00:00 AM UTC

Last Modified on: 10/05/2023 02:19:00 PM UTC

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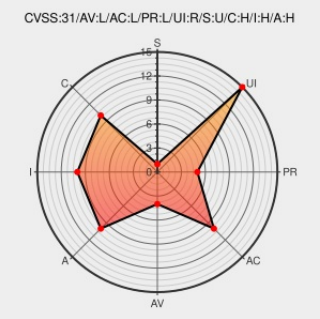
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Android from Google contain the following vulnerability:

arch/arm64/kernel/perf_event.c in the Linux kernel before 4.1 on arm64 platforms allows local users to gain privileges or cause a denial of service (invalid pointer dereference) via vectors involving events that are mishandled during a span of multiple HW PMUs.

CVE-2015-8955 has been assigned by security@android.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.3 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
arm64: perf: reject groups spanning multiple HW PMUs · torvalds/linux@8fff105 · GitHub	Issue Tracking, Patch, Third Party Advisory, github.com, text/html	CONFIRM github.com/torvalds/linux/commit/8fff105e13041e49b82f92eef034f363a6b1c071

kernel/git/torvalds/linux.git - Linux kernel source tree	Issue Tracking Patch git.kernel.org text/html	CONFIRM git.kernel.org/cgit/linux/kernel/git/torvalds/linux.git/commit/?id=8fff105e13041e49b82f92eef034f363a6b1c071
Android Security Bulletin—October 2016 | Android Open Source Project	Vendor Advisory source.android.com text/html	CONFIRM source.android.com/security/bulletin/2016-10-01.html
Linux Kernel CVE-2015-8955 Privilege Escalation Vulnerability	cve.report (archive) text/html	BID 93314

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	7.0	All	All	All
Operating System	Google	Android	7.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

cpe:2.3:o:google:android:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:google:android:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report