



CVE-2016-10044

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2016-10044
State	PUBLIC
Assigner	security@android.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-02-07 07:59:00 UTC
Updated	2023-01-17 21:40:00 UTC
Description	The aio_mount function in fs/aio.c in the Linux kernel before 4.7.7 does not properly restrict execute access, which makes it possible for a local user to execute arbitrary code with root privileges.

Risk And Classification

Problem Types: CWE-264

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference
kernel/git/torvalds/linux.git - Linux kernel source tree
Android Security Bulletin—February 2017 Android Open Source Project
aio: mark AIO pseudo-fs noexec · torvalds/linux@22f6b4d · GitHub
Google Nexus Kernel File System CVE-2016-10044 Privilege Escalation Vulnerability
Google Android Multiple Flaws Let Users Deny Service, Obtain Potentially Sensitive Information, and Gain Elevated Privileges and Let Remot
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.7.7
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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