



CVE-2023-0240

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2023-0240
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-30 14:15:00 UTC
Updated	2023-11-07 03:59:00 UTC
Description	There is a logic error in io_uring's implementation which can be used to trigger a use-after-free vulnerability leading to privilege escalation.

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link	Tags
kernel/git/stable/linux.git - Linux kernel stable tree	MISC	git.kernel.org	
?????????	MISC	kernel.dance	
io_uring: COW io_identity on mismatch · gregkh/linux@1e6fa52 · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[181574](#) Debian Security Update for linux (CVE-2023-0240)

[181618](#) Debian Security Update for linux-5.10 (DLA 3349-1)

[673121](#) EulerOS Security Update for kernel (EulerOS-SA-2023-2296)

[673157](#) EulerOS Security Update for kernel (EulerOS-SA-2023-2272)

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