



util-linux: TOCTOU Race Condition in util-linux mount(8) - Loop Device Setup

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

Summary

CVE	CVE-2026-27456
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-03 22:16:25 UTC
Updated	2026-04-03 22:16:25 UTC
Description	util-linux is a random collection of Linux utilities. Prior to version 2.41.4, a TOCTOU (Time-of-Check-Time-of-Use) vulnerabi

Risk And Classification

Primary CVSS: v3.1 4.7 MEDIUM from security-advisories@github.com

CVSS: 3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:N/A:N

Problem Types: CWE-59 | CWE-269 | CWE-367 | CWE-59 CWE-59: Improper Link Resolution Before File Access ('Link Following') | CWE-269 CWE-269: Improper Privilege Management | CWE-367 CWE-367: Time-of-check Time-of-use (TOCTOU) Race Condition

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	4.7	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:N/A:N
3.1	CNA	DECLARED	4.7	MEDIUM	CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

High

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

CVSS:3.1/AV:L/AC:H/PR:L/UI:N/S:U/C:H/I:N/A:N

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Util-linux	Util-linux	affected < 2.41.4	Not specified

References

Reference	Source	Link	Tags
github.com/util-linux/util-linux/commit/5e390467b26a3cf3fecc04e1a0d482df...	security-advisories@github.com	github.com	
github.com/util-linux/util-linux/security/advisories/GHSA-qq4x-vfq4-9h9g	security-advisories@github.com	github.com	
github.com/util-linux/util-linux/releases/tag/v2.41.4	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

No vendor comments have been submitted for this CVE.

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

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