



CVE-2023-23001

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

Summary

CVE	CVE-2023-23001
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-03-01 20:15:00 UTC
Updated	2023-03-13 14:28:00 UTC
Description	In the Linux kernel before 5.16.3, drivers/scsi/ufs/ufs-mediatek.c misinterprets the regulator_get return value (expects it to be

Risk And Classification

Problem Types: CWE-476

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
scsi: ufs: ufs-mediatek: Fix error checking in ufs_mtk_init_va09_pwr_... · torvalds/linux@3ba880a · GitHub	MISC	github.com	
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.16.3	MISC	cdn.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

184738 Debian Security Update for linux (CVE-2023-23001)
755851 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
906690 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (25608-3)
906708 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (25617-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)