



CVE-2023-4273

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

Summary

CVE	CVE-2023-4273
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-09 15:15:00 UTC
Updated	2023-11-07 14:15:00 UTC
Description	A flaw was found in the exFAT driver of the Linux kernel. The vulnerability exists in the implementation of the file name recc

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	12.0	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Fedoraproject	Fedora	38	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.5	rc1	All	All
Operating System	Linux	Linux Kernel	6.5	rc2	All	All
Operating System	Linux	Linux Kernel	6.5	rc3	All	All
Operating System	Linux	Linux Kernel	6.5	rc4	All	All
Hardware	Netapp	H300s	-	All	All	All
Operating System	Netapp	H300s Firmware	-	All	All	All
Hardware	Netapp	H410s	-	All	All	All
Operating System	Netapp	H410s Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All
Operating System	Netapp	H700s Firmware	-	All	All	All

Operating System	Redhat	Enterprise Linux	9.0	All	All	All
------------------	------------------------	----------------------------------	-----	-----	-----	-----

References

Reference	Source	Link
[SECURITY] [DLA 3623-1] linux-5.10 security update	MISC	lists.debian
Debian -- Security Information -- DSA-5480-1 linux	MISC	www.debia
Red Hat		access.red
[SECURITY] Fedora 37 Update: kernel-6.4.10-100.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedora
Debian -- Security Information -- DSA-5492-1 linux	MISC	www.debia
cve-details	MISC	access.red
[SECURITY] Fedora 38 Update: kernel-6.4.10-200.fc38 - package-announce - Fedora Mailing-Lists	MISC	lists.fedora
2221609 – (CVE-2023-4273) CVE-2023-4273 kernel: exFAT: stack overflow in exfat_get_uniname_from_ext_entry	MISC	bugzilla.rec
CVE-2023-4273: a vulnerability in the Linux exFAT driver – My DFIR Blog	MISC	dfir.ru
August 2023 Linux Kernel 6.5-rc5 Vulnerabilities in NetApp Products NetApp Product Security	MISC	security.ne
CVE Program record	CVE.ORG	www.cve.o
NVD vulnerability detail	NVD	nvd.nist.go

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

161066 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)
199764 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6385-1)
199809 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6416-1)
199810 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6412-1)
199814 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6416-2)
199840 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6416-3)
199844 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-1)
199858 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-2)
199883 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)
242399 Red Hat Update for kernel security (RHSA-2023:6583)
284396 Fedora Security Update for kernel (FEDORA-2023-d9509be489)
284399 Fedora Security Update for kernel (FEDORA-2023-ee241dcf80)

6000212 Debian Security Update for linux (DSA 5480-1)
6000220 Debian Security Update for linux (DSA 5492-1)
6000265 Debian Security Update for linux-5.10 (DLA 3623-1)
6140194 AWS Bottlerocket Security Update for kernel (GHSA-5www4-gj4m-44mc)
673484 EulerOS Security Update for kernel (EulerOS-SA-2023-3033)
673732 EulerOS Security Update for kernel (EulerOS-SA-2023-3010)
754832 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3600-1)
754833 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3599-1)
754855 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3656-1)
754866 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3684-1)
754867 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3683-1)
754868 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3682-1)
754876 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3687-1)
754884 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3704-1)
754899 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3599-2)
754900 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3600-2)
754901 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3704-2)
754903 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3683-2)
754919 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 9 for SLE 15 SP4) (SUSE-SU-2023:3773-1)
754920 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 0 for SLE 15 SP5) (SUSE-SU-2023:3772-1)
754922 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 1 for SLE 15 SP5) (SUSE-SU-2023:3784-1)
754923 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 6 for SLE 15 SP4) (SUSE-SU-2023:3783-1)
754927 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15 SP2) (SUSE-SU-2023:3788-1)
754939 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP2) (SUSE-SU-2023:3812-1)
754942 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 3 for SLE 15 SP5) (SUSE-SU-2023:3806-1)
754947 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 33 for SLE 15 SP2) (SUSE-SU-2023:3844-1)
754976 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 36 for SLE 15 SP2) (SUSE-SU-2023:3846-1)
754990 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 23 for SLE 15 SP3) (SUSE-SU-2023:3892-1)
754991 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 39 for SLE 15 SP2) (SUSE-SU-2023:3891-1)

754992	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 38 for SLE 15 SP2) (SUSE-SU-2023:3889-1)
754993	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 32 for SLE 15 SP2) (SUSE-SU-2023:3893-1)
755001	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP5) (SUSE-SU-2023:3929-1)
755002	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 2 for SLE 15 SP5) (SUSE-SU-2023:3924-1)
755003	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP5) (SUSE-SU-2023:3923-1)
755004	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 13 for SLE 15 SP4) (SUSE-SU-2023:3922-1)
755005	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 35 for SLE 15 SP3) (SUSE-SU-2023:3912-1)
755006	SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 15 SP3) (SUSE-SU-2023:3928-1)
755026	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3964-1)
755037	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3971-1)
755038	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3969-1)
755043	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3988-1)
907301	Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (28619-1)
907311	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27914-1)

© [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](#)