



CVE-2022-40768

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

Summary

CVE	CVE-2022-40768
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-18 05:15:00 UTC
Updated	2023-11-07 03:52:00 UTC
Description	drivers/scsi/stex.c in the Linux kernel through 5.19.9 allows local users to obtain sensitive information from kernel memory k

Risk And Classification

Problem Types: CWE-908

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	T
[SECURITY] Fedora 36 Update: kernel-5.19.15-201.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[PATCH] scsi: stex: properly zero out the passthrough command structure - Greg Kroah-Hartman	MISC	lore.kernel.org	
oss-security - Re: Linux kernel: information disclosure in stex_queuecommand_lck	MLIST	www.openwall.com	
[SECURITY] [DLA 3245-1] linux security update	MLIST	lists.debian.org	
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
oss-security - Linux kernel: information disclosure in stex_queuecommand_lck	MISC	www.openwall.com	
[SECURITY] Fedora 36 Update: kernel-5.19.15-201.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	

kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
[PATCH] scsi: stex: properly zero out the passthrough command structure - Greg Kroah-Hartman		lore.kernel.org	
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [160345](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-10065)
- [160353](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-10072)
- [160355](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2022-10073)
- [181219](#) Debian Security Update for linux (CVE-2022-40768)
- [181565](#) Debian Security Update for linux (DLA 3245-1)
- [198999](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5693-1)
- [199029](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5728-1)
- [199030](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5727-1)
- [199031](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5729-1)
- [199036](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5727-2)
- [199037](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5728-2)
- [199038](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5729-2)
- [199051](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5728-3)
- [199072](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5774-1)
- [283201](#) Fedora Security Update for kernel (FEDORA-2022-2cfbe17910)
- [283209](#) Fedora Security Update for kernel (FEDORA-2022-b948fc3cfb)
- [283477](#) Fedora Security Update for kernel (FEDORA-2022-1a5b125ac6)
- [354107](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-038
- [354110](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-022
- [354113](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-010
- [354114](#) Amazon Linux Security Advisory for kernel : ALAS2-2022-1876

354251 Amazon Linux Security Advisory for kernel : ALAS-2022-1645
377891 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0002)
378468 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042)
378512 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)
390269 Oracle VM Server for x86 Security Update for kernel (OVMSA-2022-0031)
6140029 AWS Bottlerocket Security Update for kernel (GHSA-jw9m-fq9g-prgw)
6140316 AWS Bottlerocket Security Update for kernel (GHSA-jw9m-fq9g-prgw)
672711 EulerOS Security Update for kernel (EulerOS-SA-2023-1507)
752724 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3775-1)
752889 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3897-1)
752911 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3998-1)
752913 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4072-1)
752944 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4273-1)
752959 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4272-1)
753038 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4573-1)
753039 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4574-1)
753051 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4589-1)
753060 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4615-1)
753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
753374 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3809-1)
753703 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753707 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753727 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
904028 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10978)
904032 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10985)
904622 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10985-1)
904725 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10978-1)
905784 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10985-2)
906307 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10978-2)

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