



# CVE-2023-37453

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

## Summary

<b>CVE</b>	CVE-2023-37453
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-07-06 17:15:00 UTC
<b>Updated</b>	2023-11-07 04:16:00 UTC
<b>Description</b>	An issue was discovered in the USB subsystem in the Linux kernel through 6.4.2. There is an out-of-bounds and crash in re

## Risk And Classification

**Problem Types:** CWE-125

## 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
[syzbot] [usb?] KASAN: slab-out-of-bounds Read in read_descriptors (3)		<a href="https://lore.kernel.org">lore.kernel.org</a>	
KASAN: slab-out-of-bounds Read in read_descriptors	MISC	<a href="https://lore.kernel.org">lore.kernel.org</a>	
KASAN: slab-out-of-bounds Read in read_descriptors		<a href="https://lore.kernel.org">lore.kernel.org</a>	
[syzbot] [usb?] KASAN: slab-out-of-bounds Read in read_descriptors (3)	MISC	<a href="https://lore.kernel.org">lore.kernel.org</a>	
KASAN: slab-out-of-bounds Read in read_descriptors (3)	MISC	<a href="https://syzkaller.appspot.com">syzkaller.appspot.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[199803](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6415-1)

[199976](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-1)

199996	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-1)
199997	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6548-1)
199999	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6548-2)
200002	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-2)
200003	Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-6549-2)
200006	Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6548-3)
200007	Ubuntu Security Notification for Linux kernel (Low Latency) Vulnerabilities (USN-6549-3)
200010	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-3)
200024	Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6549-4)
200035	Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-5)
200037	Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6548-5)
200113	Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6635-1)
673595	EulerOS Security Update for kernel (EulerOS-SA-2023-3247)
673692	EulerOS Security Update for kernel (EulerOS-SA-2023-3275)
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)
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)
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)
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)
755000	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4050-1)

[755082](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4058-1)

[755083](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4057-1)

[907562](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27388-1)

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