CVE-2023-28772

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Summary

CVE	CVE-2023-28772
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-03-23 15:15:00 UTC
Updated	2023-11-07 04:10:00 UTC
Description	An issue was discovered in the Linux kernel before 5.13.3. lib/seq_buf.c has a seq_buf_putmem_hex buffer overflow.

Risk And Classification

Problem Types: CWE-120

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
Re: [PATCH 1/2] seq_buf: fix overflow when length is bigger than 8 - Steven Rostedt		lore.kernel.org	
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.13.3	MISC	cdn.kernel.org	
[PATCH 1/2] seq_buf: fix overflow in seq_buf_putmem_hex()	MISC	lkml.kernel.org	
[PATCH 1/2] seq_buf: fix overflow in seq_buf_putmem_hex()		lkml.kernel.org	
Re: [PATCH 1/2] seq_buf: fix overflow when length is bigger than 8 - Steven Rostedt	MISC	lore.kernel.org	
seq_buf: Fix overflow in seq_buf_putmem_hex() · torvalds/linux@d3b1603 · GitHub	MISC	github.com	
CVE-2023-28772 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ar

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160572 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12323)

161147 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)

181722 Debian Security Update for linux (CVE-2023-28772)

242434 Red Hat Update for kernel-rt security (RHSA-2023:6901)

242451 Red Hat Update for kernel security (RHSA-2023:7077)

242890 Red Hat Update for kernel (RHSA-2024:0724)

243087 Red Hat Update for kernel (RHSA-2024:1404)

378473 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)

390285 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0017)

390286 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0018)

390292 Oracle Managed Virtualization (VM) Server for x86 Security Update for None (OVMSA-2023-0016)

672935 EulerOS Security Update for kernel (EulerOS-SA-2023-1824)

672981 EulerOS Security Update for kernel (EulerOS-SA-2023-1848)

673005 EulerOS Security Update for kernel (EulerOS-SA-2023-1873)

673074 EulerOS Security Update for kernel (EulerOS-SA-2023-2193)

673117 EulerOS Security Update for kernel (EulerOS-SA-2023-2152)

753901 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1803-1)

753902 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1800-1)

753903 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1801-1)

753905 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1811-1)

753914 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1848-1)

754023 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2232-1)

906737 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (25754-1)

941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)

CVE.report and Source URL Uptime Status status.cve.report