CVE-2020-12464

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Summary

CVE	CVE-2020-12464
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-04-29 18:15:00 UTC
Updated	2023-10-12 14:10:00 UTC
Description	usb_sg_cancel in drivers/usb/core/message.c in the Linux kernel before 5.6.8 has a use-after-free because a transfer occu

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Hardware	Netapp	Aff A700s	-	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h300s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h410c	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h410s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h500s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h610c	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h610s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h615c	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h700s	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Application	Netapp	Hci Storage Nodes	-	All	All	All
Hardware	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Application	Netapp	Solidfire Hci Storage Node	-	All	All	All

Application	Netapp	Steelstore Cloud Integrated Storage	-	All	All	All

References

Reference	Source	Link
USN-4388-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
LKML: Kyungtae Kim: BUG: KASAN: use-after-free in usb_hcd_unlink_urb+0x5f/0x170 drivers/usb/core/hcd.c	MISC	lkml.org
USB: core: Fix free-while-in-use bug in the USB S-Glibrary - Patchwork	MISC	patchwork.kerne
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
May 2020 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.c
Debian -- Security Information -- DSA-4699-1 linux	DEBIAN	www.debian.org
USN-4391-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.6.8	MISC	cdn.kernel.org
USN-4390-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 2241-2] linux security update	MLIST	lists.debian.org
USN-4389-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 2242-1] linux-4.9 security update	MLIST	lists.debian.org
USB: core: Fix free-while-in-use bug in the USB S-Glibrary · torvalds/linux@056ad39 · GitHub	MISC	github.com
USN-4387-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 2241-1] linux security update	MLIST	lists.debian.org
Debian -- Security Information -- DSA-4698-1 linux	DEBIAN	www.debian.org
[security-announce] openSUSE-SU-2020:0801-1: important: Security update	SUSE	lists.opensuse.o
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159185 Oracle Enterprise Linux Security Update for kernel (ELSA-2021-1578)

239314 Red Hat Update for kernel-rt (RHSA-2021:1739)

239339 Red Hat Update for kernel (RHSA-2021:1578)

352300 Amazon Linux Security Advisory for kernel: ALAC2012-2020-020

390217 Oracle Managed Virtualization (VM) Server for x86 Security Update for Unbreakable Enterprise kernel (OVMSA-2021-0001)

390234 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0001)

900076 CBL-Mariner Linux Security Update for kernel 5.4.91

903270 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3467)

905979 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3467-1)

940354 AlmaLinux Security Update for kernel (ALSA-2021:1578)

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