



# CVE-2023-26545

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

## Summary

<b>CVE</b>	CVE-2023-26545
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-02-25 04:15:00 UTC
<b>Updated</b>	2023-05-03 14:15:00 UTC
<b>Description</b>	In the Linux kernel before 6.1.13, there is a double free in net/mpls/af_mpls.c upon an allocation failure (for registering the s

## Risk And Classification

### Problem Types: CWE-415

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H300s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H300s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H410c</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H410c Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H410s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H410s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H500s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H500s Firmware</a>	-	All	All	All
Hardware	<a href="#">Netapp</a>	<a href="#">H700s</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">H700s Firmware</a>	-	All	All	All

## References

Reference	Source	Link	Tag
CVE-2023-26545 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
[SECURITY] [DLA 3404-1] linux-5.10 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
net: mpls: fix stale pointer if allocation fails during device rename · torvalds/linux@fda6c89 · GitHub	MISC	<a href="https://github.com">github.com</a>	

<a href="https://cdn.kernel.org/pub/linux/kernel/v6.x/ChangeLog-6.1.13">cdn.kernel.org/pub/linux/kernel/v6.x/ChangeLog-6.1.13</a>	MISC	<a href="https://cdn.kernel.org">cdn.kernel.org</a>	
[SECURITY] [DLA 3403-1] linux security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
<a href="https://kernel/git/torvalds/linux.git">kernel/git/torvalds/linux.git</a> - Linux kernel source tree	MISC	<a href="https://git.kernel.org">git.kernel.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	can
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	can

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">160572</a> Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12323)
<a href="#">161066</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)
<a href="#">161147</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)
<a href="#">181765</a> Debian Security Update for linux-5.10 (DLA 3404-1)
<a href="#">181768</a> Debian Security Update for linux (DLA 3403-1)
<a href="#">183222</a> Debian Security Update for linux (CVE-2023-26545)
<a href="#">199254</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5978-1)
<a href="#">199292</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6025-1)
<a href="#">199294</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6024-1)
<a href="#">199296</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6029-1)
<a href="#">199300</a> Ubuntu Security Notification for Linux kernel (Qualcomm Snapdragon) Vulnerabilities (USN-6030-1)
<a href="#">199301</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6027-1)
<a href="#">199303</a> Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-6040-1)
<a href="#">199321</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6057-1)
<a href="#">199330</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6072-1)
<a href="#">199334</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6071-1)
<a href="#">199356</a> Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6093-1)
<a href="#">199385</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6134-1)
<a href="#">199465</a> Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1)
<a href="#">199560</a> Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6001-1)
<a href="#">199568</a> Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6013-1)

<a href="#">199577</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6014-1)
<a href="#">199614</a> Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1)
<a href="#">242399</a> Red Hat Update for kernel security (RHSA-2023:6583)
<a href="#">242434</a> Red Hat Update for kernel-rt security (RHSA-2023:6901)
<a href="#">242451</a> Red Hat Update for kernel security (RHSA-2023:7077)
<a href="#">242789</a> Red Hat Update for kernel (RHSA-2024:0575)
<a href="#">242855</a> Red Hat Update for kernel (RHSA-2024:0412)
<a href="#">354820</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-043
<a href="#">354821</a> Amazon Linux Security Advisory for kernel : ALAS2-2023-1987
<a href="#">354822</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-015
<a href="#">354837</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-028
<a href="#">354843</a> Amazon Linux Security Advisory for kernel : ALAS-2023-1701
<a href="#">354871</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-113
<a href="#">354873</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-111
<a href="#">354874</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-114
<a href="#">354875</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-112
<a href="#">354876</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-117
<a href="#">354878</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-116
<a href="#">354879</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-115
<a href="#">355253</a> Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-001
<a href="#">355255</a> Amazon Linux Security Advisory for kernel : ALAS-2023-127
<a href="#">355287</a> Amazon Linux Security Advisory for kernel : ALAS-2023-127
<a href="#">355294</a> Amazon Linux Security Advisory for kernel : ALAS-2023-127
<a href="#">355295</a> Amazon Linux Security Advisory for kernel : ALAS-2023-127
<a href="#">355300</a> Amazon Linux Security Advisory for kernel : ALAS-2023-127
<a href="#">355303</a> Amazon Linux Security Advisory for kernel : ALAS-2023-127
<a href="#">355309</a> Amazon Linux Security Advisory for kernel : ALAS-2023-127
<a href="#">355312</a> Amazon Linux Security Advisory for kernel : ALAS2023-2023-127
<a href="#">378473</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)

<a href="#">378537</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0048)
<a href="#">378710</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)
<a href="#">390285</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0017)
<a href="#">390286</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0018)
<a href="#">390292</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for None (OVMSA-2023-0016)
<a href="#">6140287</a> AWS Bottlerocket Security Update for kernel (GHSA-fwgv-c3pv-7cg9)
<a href="#">672981</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1848)
<a href="#">673005</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1873)
<a href="#">673017</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1978)
<a href="#">673074</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2193)
<a href="#">673121</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2296)
<a href="#">673157</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2272)
<a href="#">753801</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0762-1)
<a href="#">753806</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0770-1)
<a href="#">753807</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0768-1)
<a href="#">753808</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0778-1)
<a href="#">753810</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0780-1)
<a href="#">753832</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0852-1)
<a href="#">755842</a> SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:0774-1)
<a href="#">755851</a> SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
<a href="#">905675</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13753)
<a href="#">905684</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13775)
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<a href="#">906616</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13775-3)
<a href="#">906681</a> Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (25583-3)
<a href="#">906776</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (13753-5)
<a href="#">941453</a> AlmaLinux Security Update for kernel (ALSA-2023:7077)

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