



# CVE-2022-43945

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-43945
<b>State</b>	PUBLIC
<b>Assigner</b>	disclosure@synopsys.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-11-04 19:15:00 UTC
<b>Updated</b>	2023-03-08 18:15:00 UTC
<b>Description</b>	The Linux kernel NFSD implementation prior to versions 5.19.17 and 6.0.2 are vulnerable to buffer overflow. NFSD tracks t

## Risk And Classification

**Problem Types:** CWE-770

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager	-	All	All	All
Hardware	Netapp	H300s	-	All	All	All
Operating System	Netapp	H300s Firmware	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Hardware	Netapp	H410s	-	All	All	All
Operating System	Netapp	H410s Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All
Operating System	Netapp	H700s Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
CVE-2022-43945 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
Kernel Live Patch Security Notice LNS-0092-1 ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstormsecurity.com</a>	

kernel/git/torvalds/linux.git - 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>	canonic
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [160423](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-0334)
- [160476](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-0832)
- [184401](#) Debian Security Update for linux (CVE-2022-43945)
- [199055](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5754-1)
- [199057](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5755-1)
- [199061](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5755-2)
- [199071](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5754-2)
- [199073](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5773-1)
- [199078](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5779-1)
- [199084](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5789-1)
- [199105](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5804-1)
- [199106](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5804-2)
- [199111](#) Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5808-1)
- [199121](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5813-1)
- [199132](#) Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5829-1)
- [199137](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5830-1)
- [199165](#) Ubuntu Security Notification for Linux kernel (Dell300x) Vulnerabilities (USN-5861-1)
- [199180](#) Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5875-1)
- [199207](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5914-1)
- [199213](#) Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-5918-1)
- [199490](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5802-1)
- [199519](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5863-1)
- [199547](#) Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-5794-1)

<a href="#">241008</a> Red Hat Update for kernel (RHSA-2022:8973)
<a href="#">241009</a> Red Hat Update for kernel-rt (RHSA-2022:8974)
<a href="#">241022</a> Red Hat Update for kpatch-patch (RHSA-2022:9082)
<a href="#">241095</a> Red Hat Update for kernel (RHSA-2023:0334)
<a href="#">241096</a> Red Hat Update for kernel-rt (RHSA-2023:0300)
<a href="#">241101</a> Red Hat Update for kpatch-patch (RHSA-2023:0348)
<a href="#">241202</a> Red Hat Update for kpatch-patch (RHSA-2023:0839)
<a href="#">241204</a> Red Hat Update for kernel-rt (RHSA-2023:0854)
<a href="#">241209</a> Red Hat Update for kernel (RHSA-2023:0832)
<a href="#">355199</a> Amazon Linux Security Advisory for kernel : ALAS2023-2023-070
<a href="#">753014</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4505-1)
<a href="#">753015</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 23 for SLE 15 SP3) (SUSE-SU-2022:4544-1)
<a href="#">753016</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 24 for SLE 15 SP2) (SUSE-SU-2022:4587-1)
<a href="#">753017</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 4 for SLE 15 SP4) (SUSE-SU-2022:4560-1)
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<a href="#">753026</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 33 for SLE 15 SP1) (SUSE-SU-2022:4533-1)
<a href="#">753029</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 25 for SLE 15 SP3) (SUSE-SU-2022:4517-1)
<a href="#">753031</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15 SP2) (SUSE-SU-2022:4515-1)
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<a href="#">753037</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 15 SP2) (SUSE-SU-2022:4580-1)
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<a href="#">904441</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11415)
<a href="#">904475</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11379)
<a href="#">904714</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11379-1)
<a href="#">904755</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11415-1)

906209 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11415-2)
906448 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11379-2)
940904 AlmaLinux Security Update for kernel (ALSA-2023:0334)
940910 AlmaLinux Security Update for kernel-rt (ALSA-2023:0300)
940926 AlmaLinux Security Update for kernel (ALSA-2023:0832)
940936 AlmaLinux Security Update for kernel-rt (ALSA-2023:0854)
960503 Rocky Linux Security Update for kernel-rt (RLSA-2023:0300)
960587 Rocky Linux Security Update for kernel (RLSA-2023:0334)
960651 Rocky Linux Security Update for kernel (RLSA-2023:0832)
960656 Rocky Linux Security Update for kernel-rt (RLSA-2023:0854)

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