



CVE-2021-45868

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

Summary

CVE	CVE-2021-45868
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-18 07:15:00 UTC
Updated	2023-02-04 00:00:00 UTC
Description	In the Linux kernel before 5.15.3, fs/quota/quota_tree.c does not validate the block number in the quota tree (on disk). This

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Hardware	Netapp	H300e	-	All	All	All
Operating System	Netapp	H300e Firmware	-	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	H500e	-	All	All	All
Operating System	Netapp	H500e Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700e	-	All	All	All
Operating System	Netapp	H700e Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All

Operating System	Netapp	H700s Firmware	-	All	All	All
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References

Reference	Source	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.ker
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.15.3	MISC	cdn.ke
February 2022 Linux Kernel 5.15.2 Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	securit
oss-security - Linux Kernel 5.15-rc-ksmbd-part2 is affected by: Buffer Overflow. The impact is: use-after-free (local).	MISC	www.c
214655 – BUG: unable to handle kernel paging request in __dquot_free_space	MISC	bugzill
oss-security - Re: Linux Kernel 5.15-rc-ksmbd-part2 is affected by: Buffer Overflow. The impact is: use-after-free (local).	MISC	www.c
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.ni

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159777 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9348)
179607 Debian Security Update for linux (CVE-2021-45868)
199560 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6001-1)
199568 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6013-1)
199577 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6014-1)
377053 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2022:0028)
377181 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2022:0022)
390261 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2022-0014)
671804 EulerOS Security Update for kernel (EulerOS-SA-2022-1844)
671817 EulerOS Security Update for kernel (EulerOS-SA-2022-1868)
671862 EulerOS Security Update for kernel (EulerOS-SA-2022-1896)
671870 EulerOS Security Update for kernel (EulerOS-SA-2022-1934)
752036 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1183-1)
752039 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1196-1)
752042 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1197-1)
752048 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1266-1)

752019	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1255-1)
752052	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1255-1)
752053	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1267-1)
752056	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1270-1)
752058	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1256-1)
753373	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1257-1)
753417	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1163-1)
753427	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:1407-1)
753703	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753707	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753727	SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
900766	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9078)
901324	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9078-1)
906201	Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9078-2)

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