



CVE-2022-3545

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Summary

CVE	CVE-2022-3545
State	PUBLIC
Assigner	cna@vuldb.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-10-17 12:15:00 UTC
Updated	2023-11-07 03:51:00 UTC
Description	A vulnerability has been found in Linux Kernel and classified as critical. Affected by this vulnerability is the function area_ca

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Linux	Linux Kernel	All	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
[SECURITY] [DLA 3349-1] linux-5.10 security update	MLIST	lists.debian.org	

Debian -- Security Information -- DSA-5324-1 linux	DEBIAN	www.debian.org	
kernel/git/klassert/ipsec-next.git - Steffen Klassert's ipsec-next networking tree	N/A	git.kernel.org	
CVE-2022-3545 Linux Kernel Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
[SECURITY] [DLA 3403-1] linux security update	MLIST	lists.debian.org	
CVE-2022-3545 Linux Kernel IPsec nfp_cppcore.c area_cache_get use after free	N/A	vuldb.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, and

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160459 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12116)
160460 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12120)
160506 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12199)
160508 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12200)
161318 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-12094)
161372 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-12169)
161402 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0897)
161404 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0461)
181491 Debian Security Update for linux (DSA 5324-1)
181618 Debian Security Update for linux-5.10 (DLA 3349-1)
181768 Debian Security Update for linux (DLA 3403-1)
183517 Debian Security Update for linux (CVE-2022-3545)
199154 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5858-1)
199156 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5859-1)
199209 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5912-1)
199211 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5911-1)
199212 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5917-1)
199214 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5920-1)
199217 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5925-1)
199218 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5927-1)

199220 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5929-1)
199223 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5935-1)
199224 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5934-1)
199226 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5939-1)
199227 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5938-1)
199229 Ubuntu Security Notification for Linux kernel (KVM) Vulnerabilities (USN-5941-1)
199230 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5940-1)
199238 Ubuntu Security Notification for Linux kernel (KVM) Vulnerabilities (USN-5950-1)
199239 Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5951-1)
199243 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5962-1)
199276 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6000-1)
199502 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5975-1)
199541 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5924-1)
199566 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6007-1)
199567 Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5883-1)
199581 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5919-1)
242839 Red Hat Update for kernel (RHSA-2024:0461)
242845 Red Hat Update for kernel (RHSA-2024:0448)
242846 Red Hat Update for kernel-rt (RHSA-2024:0439)
242890 Red Hat Update for kernel (RHSA-2024:0724)
242939 Red Hat Update for kernel (RHSA-2024:0897)
242983 Red Hat Update for kernel-rt (RHSA-2024:0881)
243050 Red Hat Update for kernel (RHSA-2024:1250)
243055 Red Hat Update for kernel (RHSA-2024:1268)
243058 Red Hat Update for kernel-rt (RHSA-2024:1269)
243062 Red Hat Update for kernel-rt (RHSA-2024:1306)
243076 Red Hat Update for kernel (RHSA-2024:1367)
243087 Red Hat Update for kernel (RHSA-2024:1404)

243096 Red Hat Update for kernel-rt (RHSA-2024:1382)
377891 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0002)
378043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0011)
378468 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042)
378512 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)
672410 EulerOS Security Update for kernel (EulerOS-SA-2022-2796)
672495 EulerOS Security Update for kernel (EulerOS-SA-2023-1012)
672516 EulerOS Security Update for kernel (EulerOS-SA-2023-1037)
672532 EulerOS Security Update for kernel (EulerOS-SA-2023-1126)
672564 EulerOS Security Update for kernel (EulerOS-SA-2023-1102)
672668 EulerOS Security Update for kernel (EulerOS-SA-2023-1360)
672711 EulerOS Security Update for kernel (EulerOS-SA-2023-1507)
752813 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3930-1)
752839 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3929-1)
752880 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4053-1)
752889 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3897-1)
752911 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3998-1)
752913 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4072-1)
752944 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4273-1)
752959 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4272-1)
753015 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 23 for SLE 15 SP3) (SUSE-SU-2022:4544-1)
753016 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 24 for SLE 15 SP2) (SUSE-SU-2022:4587-1)
753017 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 4 for SLE 15 SP4) (SUSE-SU-2022:4560-1)
753018 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15) (SUSE-SU-2022:4577-1)
753021 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 14 for SLE 15 SP3) (SUSE-SU-2022:4528-1)
753022 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 20 for SLE 15 SP3) (SUSE-SU-2022:4551-1)
753025 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 32 for SLE 15 SP1) (SUSE-SU-2022:4506-1)
753026 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 33 for SLE 15 SP1) (SUSE-SU-2022:4533-1)
753030 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 25 for SLE 15 SP2) (SUSE-SU-2022:4517-1)

753029 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 29 for SLE 15 SP3) (SUSE-SU-2022:4517-1)
753031 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15 SP2) (SUSE-SU-2022:4515-1)
753032 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 27 for SLE 15 SP2) (SUSE-SU-2022:4513-1)
753033 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP4) (SUSE-SU-2022:4518-1)
753035 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP2) (SUSE-SU-2022:4534-1)
753036 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 15) (SUSE-SU-2022:4550-1)
753037 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 15 SP2) (SUSE-SU-2022:4580-1)
753038 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4573-1)
753039 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4574-1)
753040 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 12 for SLE 15 SP3) (SUSE-SU-2022:4562-1)
753041 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 24 for SLE 15 SP3) (SUSE-SU-2022:4516-1)
753042 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 35 for SLE 15 SP1) (SUSE-SU-2022:4539-1)
753044 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP4) (SUSE-SU-2022:4559-1)
753046 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP1) (SUSE-SU-2022:4527-1)
753048 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 18 for SLE 15 SP3) (SUSE-SU-2022:4569-1)
753049 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 12 SP5) (SUSE-SU-2022:4520-1)
753050 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 22 for SLE 15 SP3) (SUSE-SU-2022:4543-1)
753051 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4589-1)
753060 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4615-1)
753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
904228 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11162)
904259 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11136)
904989 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.72.1-1.cm2 (12534)
905061 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.80.1-1.cm2 (12548)
905063 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.77.1-1.cm2 (12542)
905085 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.48.1-4.cm2 (12524)
905115 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.82.1-1.cm2 (12557)
905121 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.79.1-1.cm2 (12543)
905141 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.81.1-1.cm2 (12554)

905161 Common Base Linux Mariner (CBL-Mariner) Security Update for livepatch-5.15.74.1-1.cm2 (12535)
905213 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11162-1)
906181 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11162-2)
906329 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11136-2)
941584 AlmaLinux Security Update for kernel (ALSA-2024:0897)

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