



CVE-2022-3586

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Summary

CVE	CVE-2022-3586
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-10-19 18:15:00 UTC
Updated	2022-11-04 19:14:00 UTC
Description	A flaw was found in the Linux kernel's networking code. A use-after-free was found in the way the sch_sfb enqueue function

Risk And Classification

Problem Types: CWE-416

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	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.0	rc1	All	All
Operating System	Linux	Linux Kernel	6.0	rc2	All	All
Operating System	Linux	Linux Kernel	6.0	rc3	All	All
Operating System	Linux	Linux Kernel	6.0	rc4	All	All

References

Reference	Source	Link
sch_sfb: Don't assume the skb is still around after enqueueing to child · torvalds/linux@9efd232 · GitHub	MISC	github.com
Upcoming Zero Day Initiative	MISC	www.zerodayinitiative.com
[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST	lists.debian.org
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

[160367](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-10108)

[181147](#) Debian Security Update for linux (CVE-2022-3586)

[181190](#) Debian Security Update for linux-5.10 (DLA 3173-1)

[199087](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5792-1)

[199088](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5791-1)

[199089](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5793-1)

[199090](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5790-1)

[199091](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5791-2)

[199094](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5792-2)

[199096](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5793-2)

[199098](#) Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5793-4)

[199099](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5793-3)

[199100](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5791-3)

[199119](#) Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-5815-1)

[199179](#) Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5877-1)

[199334](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6071-1)

[199380](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6124-1)

[199572](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6045-1)

[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)

[390272](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0001)

[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)

672653 EulerOS Security Update for kernel (EulerOS-SA-2023-1388)
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)
753029 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 25 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)
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)
904317 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11298)
904332 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11282)
904545 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11298-1)
904710 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11282-1)
905751 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11298-2)
906247 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11282-2)

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