



CVE-2022-2663

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

Summary

CVE	CVE-2022-2663
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-01 21:15:00 UTC
Updated	2023-02-12 22:15:00 UTC
Description	An issue was found in the Linux kernel in nf_contrack_irc where the message handling can be confused and incorrectly m

Risk And Classification

Problem Types: CWE-923

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

References

Reference	Source	Link	Tags
NAT-Again IRC demo with Irssi - YouTube	MISC	www.youtube.com	
[PATCH 1/2] netfilter: nf_contrack_irc: Tighten matching on DCC message	MISC	lore.kernel.org	
[PATCH 1/2] netfilter: nf_contrack_irc: Tighten matching on DCC message	MISC	lore.kernel.org	
oss-security - CVE-2022-2663: Linux netfilter: nf_contrack_irc message handling	MISC	www.openwall.com	
[SECURITY] [DLA 3131-1] linux security update	MLIST	lists.debian.org	
Debian -- Security Information -- DSA-5257-1 linux	DEBIAN	www.debian.org	
[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST	lists.debian.org	
NAT-Again: IRC NAT helper flaws	MISC	dgl.cx	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160345](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-10065)

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

[160583](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2458)

[160692](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2951)

[181091](#) Debian Security Update for linux (DLA 3131-1)

[181145](#) Debian Security Update for linux (DSA 5257-1)

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

[183708](#) Debian Security Update for linux (CVE-2022-2663)

[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)

[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)

[199155](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5854-1)

[199164](#) Ubuntu Security Notification for Linux kernel (Qualcomm Snapdragon) Vulnerabilities (USN-5862-1)

[199165](#) Ubuntu Security Notification for Linux kernel (Dell300x) Vulnerabilities (USN-5861-1)

[199169](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5865-1)

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

[199502](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5975-1)

[199541](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5924-1)

[199560](#) Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6001-1)

199566 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6007-1)
199567 Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5883-1)
199568 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6013-1)
199577 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6014-1)
199607 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6247-1)
241417 Red Hat Update for kernel security (RHSA-2023:2458)
241468 Red Hat Update for kernel-rt (RHSA-2023:2148)
241504 Red Hat Update for kernel security (RHSA-2023:2951)
241527 Red Hat Update for kernel-rt (RHSA-2023:2736)
242890 Red Hat Update for kernel (RHSA-2024:0724)
354071 Amazon Linux Security Advisory for kernel : ALAS-2022-1636
354075 Amazon Linux Security Advisory for kernel : ALAS2-2022-1852
354081 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-036
354082 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-008
354084 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-020
354439 Amazon Linux Security Advisory for kernel : ALAS2022-2022-150
354468 Amazon Linux Security Advisory for kernel : ALAS2022-2022-185
354542 Amazon Linux Security Advisory for kernel : ALAS-2022-185
355199 Amazon Linux Security Advisory for kernel : ALAS2023-2023-070
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)
390269 Oracle VM Server for x86 Security Update for kernel (OVMSA-2022-0031)
390272 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0001)
591406 Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
6140321 AWS Bottlerocket Security Update for kernel (GHSA-6f7w-x3cm-cv68)
672354 EulerOS Security Update for kernel (EulerOS-SA-2022-2732)
672391 EulerOS Security Update for kernel (EulerOS-SA-2022-2767)

672410 EulerOS Security Update for kernel (EulerOS-SA-2022-2796)
672454 EulerOS Security Update for kernel (EulerOS-SA-2022-2848)
672474 EulerOS Security Update for kernel (EulerOS-SA-2022-2823)
672711 EulerOS Security Update for kernel (EulerOS-SA-2023-1507)
752589 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3264-1)
752594 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3293-1)
752596 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3291-1)
752615 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3408-1)
752632 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3450-1)
752668 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3586-1)
752669 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3587-1)
752671 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3584-1)
753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
753167 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3288-1)
753370 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3609-1)
753374 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3809-1)
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)
941023 AlmaLinux Security Update for kernel (ALSA-2023:2458)
941061 AlmaLinux Security Update for kernel-rt (ALSA-2023:2148)
941096 AlmaLinux Security Update for kernel (ALSA-2023:2951)
941114 AlmaLinux Security Update for kernel-rt (ALSA-2023:2736)

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