



CVE-2022-2318

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

Summary

CVE	CVE-2022-2318
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-07-06 19:15:00 UTC
Updated	2023-02-28 15:42:00 UTC
Description	There are use-after-free vulnerabilities caused by timer handler in net/rose/rose_timer.c of linux that allow attackers to crash

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	Debian	Debian Linux	11.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.19	rc1	All	All
Operating System	Linux	Linux Kernel	5.19	rc2	All	All
Operating System	Linux	Linux Kernel	5.19	rc3	All	All
Operating System	Linux	Linux Kernel	5.19	rc4	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

Hardware	Netapp700s	-	All	All	All	All
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References

Reference	Source	Link	Tags
net: rose: fix UAF bugs caused by timer handler · torvalds/linux@9cc02ed · GitHub	MISC	github.com	
[SECURITY] [DLA 3131-1] linux security update	MLIST	lists.debian.org	
Debian -- Security Information -- DSA-5191-1 linux	DEBIAN	www.debian.org	
Linux Kernel 5.18 Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
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

180900 Debian Security Update for linux (DSA 5191-1)
181091 Debian Security Update for linux (DLA 3131-1)
183598 Debian Security Update for linux (CVE-2022-2318)
198948 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5624-1)
198950 Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5623-1)
198953 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5633-1)
198958 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5635-1)
198960 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-5640-1)
198964 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5644-1)
198967 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5648-1)
198972 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5655-1)
198978 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5669-1)
198980 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5668-1)
198985 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5678-1)
198987 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5677-1)
198989 Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5683-1)
198990 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-5682-1)
198994 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5687-1)

198997 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5697-1)
198999 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5693-1)
199011 Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5706-1)
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)
354002 Amazon Linux Security Advisory for kernel : ALAS2-2022-1825
354016 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-018
354030 Amazon Linux Security Advisory for kernel : ALAS-2022-1624
377117 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
377766 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2022:0049)
377871 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0001)
6140387 AWS Bottlerocket Security Update for kernel (GHSA-mj6m-x92g-mcp8)
672139 EulerOS Security Update for kernel (EulerOS-SA-2022-2428)
672158 EulerOS Security Update for kernel (EulerOS-SA-2022-2415)
752340 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2377-1)
752349 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2382-1)
752354 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2393-1)
752359 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2411-1)
752360 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2407-1)
752370 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2520-1)
752463 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2809-1)
752502 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2875-1)
753148 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2615-1)
753156 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2741-1)
753316 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2892-1)
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)

902460 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10121)
902467 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10102)
902519 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10106)
902637 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10106-1)
902705 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10119-1)
906001 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10119-2)
906316 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10106-2)

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