CVE-2022-1729

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Summary

CVE	CVE-2022-1729
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-01 21:15:00 UTC
Updated	2023-08-04 17:41:00 UTC
Description	A race condition was found the Linux kernel in perf_event_open() which can be exploited by an unprivileged user to gain ro

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.18	rc9	All	All
Application	Netapp	Hci Baseboard Management Controller	h300s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h410s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h500s	All	All	All
Application	Netapp	Hci Baseboard Management Controller	h700s	All	All	All

References

Reference	Source	Link
oss-security - CVE-2022-1729: race condition in Linux perf subsystem leads to local privilege escalation	MISC	www.openwall.com
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
September 2022 Linux Kernel 5.17 Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com
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

159848 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9410)

159849 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2022-9412)

159850 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2022-9413)

159852 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9409)

159915 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-5232)

159931 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-5249)

159987 Oracle Enterprise Linux Security Update for kernel (ELSA-2022-5564)

179371 Debian Security Update for linux (DSA 5161-1)

180282 Debian Security Update for linux (DLA 3065-1)

180605 Debian Security Update for linux (DSA 5173-1)

183110 Debian Security Update for linux (CVE-2022-1729)

198891 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5560-1)

198921 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5594-1)

198927 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-5599-1)

198929 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5602-1)

198942 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5616-1)

198949 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5622-1)

198950 Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5623-1)

198954 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5630-1)

198962 Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5639-1)

198966 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5647-1)

198970 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5654-1)

198974 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5660-1)

240484 Red Hat Update for kernel-rt (RHSA-2022:5236)

240485 Red Hat Update for kernel (RHSA-2022:5232)

240494 Red Hat Update for kernel (RHSA-2022:5220)

240499 Red Hat Update for kernel (RHSA-2022:5249)

240527 Red Hat Update for kernel-rt (RHSA-2022:5267)

240531 Red Hat Update for kernel-rt (RHSA-2022:5224)

240541 Red Hat Update for kernel security (RHSA-2022:5564)

240542 Red Hat Update for kernel-rt (RHSA-2022:5565)

240544 Red Hat Update for kernel-rt (RHSA-2022:5633)

240545 Red Hat Update for kernel (RHSA-2022:5626)

257172 CentOS Security Update for kernel (CESA-2022:5232)

282771 Fedora Security Update for kernel (FEDORA-2022-8095b23575)

282772 Fedora Security Update for kernel (FEDORA-2022-014c3a24d9)

282773 Fedora Security Update for kernel (FEDORA-2022-b2cde267d9)

353947 Amazon Linux Security Advisory for kernel : ALAS2-2022-1798

353956 Amazon Linux Security Advisory for kernel : ALAS-2022-1591

353960 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-014

353962 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-026

353964 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-001

354327 Amazon Linux Security Advisory for kernel : ALAS2022-2022-083

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

355565 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-023

377117 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)

377871 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0001)

6140105 AWS Bottlerocket Security Update for kernel (GHSA-3mpj-54g5-9xvw)

671915 EulerOS Security Update for kernel (EulerOS-SA-2022-1969)

671929 EulerOS Security Update for kernel (EulerOS-SA-2022-1999)

672016 EulerOS Security Update for kernel (EulerOS-SA-2022-2273)

672017 EulerOS Security Update for kernel (EulerOS-SA-2022-2244)

672037 EulerOS Security Update for kernel (EulerOS-SA-2022-2257)

672045 EulerOS Security Update for kernel (EulerOS-SA-2022-2225)

672218 EulerOS Security Update for kernel (EulerOS-SA-2022-2619)

752228 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2078-1)

752231 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2082-1)

752234 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2080-1)

752240 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2103-1)

752242 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2104-1)

752250 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2111-1)

752254 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2116-1)

752354 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2393-1)

752370 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2520-1)

753148 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2615-1)

753296 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2177-1)

753363 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP1) (SUSE-SU-2022:2461-1)

753368 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2079-1)

753420 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 29 for SLE 15) (SUSE-SU-2022:2482-1)

940594 AlmaLinux Security Update for kernel-rt (ALSA-2022:5565)

940596 AlmaLinux Security Update for kernel (ALSA-2022:5564)

940618 AlmaLinux Security Update for kernel (ALSA-2022:5249)

940638 AlmaLinux Security Update for kernel-rt (ALSA-2022:5267)

960157 Rocky Linux Security Update for kernel-rt (RLSA-2022:5565)

960158 Rocky Linux Security Update for kernel (RLSA-2022:5564)