CVE-2021-3679

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Summary

CVE	CVE-2021-3679
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-08-05 20:15:00 UTC
Updated	2022-10-27 12:29:00 UTC
Description	A lack of CPU resource in the Linux kernel tracing module functionality in versions prior to 5.14-rc3 was found in the way us

Risk And Classification

Problem Types: CWE-835

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	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.14	-	All	All
Operating System	Linux	Linux Kernel	5.14	rc1	All	All
Operating System	Linux	Linux Kernel	5.14	rc2	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link	Tags
1989165 – (CVE-2021-3679) CVE-2021-3679 kernel: DoS in rb_per_cpu_empty()	MISC	bugzilla.redhat.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
[SECURITY] [DLA 2785-1] linux-4.19 security update	MLIST	lists.debian.org	
Debian -- Security Information -- DSA-4978-1 linux	DEBIAN	www.debian.org	
[SECURITY] [DLA 2843-1] linux security update	MLIST	lists.debian.org	
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

159402 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9458)

159404 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9460)

159424 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9485)

159427 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9488)

159492 Oracle Enterprise Linux Security Update for kernel (ELSA-2021-4356)

178809 Debian Security Update for linux (DSA 4978-1)

178844 Debian Security Update for linux-4.19 (DLA 2785-1)

178943 Debian Security Update for linux (DLA 2843-1)

179600 Debian Security Update for linux (CVE-2021-3679)

198514 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5091-1)

198515 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5092-1)

198518 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5094-2)

198520 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5094-1)

198521 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5091-2)

198523 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5092-2)

198524 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5096-1)

198542 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5115-1)

239816 Red Hat Update for kernel security (RHSA-2021:4356)

239879 Red Hat Update for kernel-rt (RHSA-2021:4140)

352871 Amazon Linux Security Advisory for kernel : ALAS-2021-1539

353097 Amazon Linux Security Advisory for kernel : ALAC2012-2021-033

353098 Amazon Linux Security Advisory for kmod-sfc : ALAC2012-2021-034

353099 Amazon Linux Security Advisory for kmod-mlx5 : ALAC2012-2021-035

353145 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-006

353156 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-004

390248 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0035)

671134 EulerOS Security Update for kernel (EulerOS-SA-2021-2688)

671135 EulerOS Security Update for kernel (EulerOS-SA-2021-2636)

671137 EulerOS Security Update for kernel (EulerOS-SA-2021-2713)

671181 EulerOS Security Update for kernel (EulerOS-SA-2021-2934)

671703 EulerOS Security Update for kernel (EulerOS-SA-2022-1735)

750949 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1142-1)

751155 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3192-1)

751160 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3179-1)

751163 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3206-1)

751170 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3205-1)

751437 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3876-1)

751441 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3876-1)

751451 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)

751473 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3969-1)

751476 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3972-1)

900294 CBL-Mariner Linux Security Update for kernel 5.10.52.1

900304 CBL-Mariner Linux Security Update for kernel 5.10.57.1

900319 CBL-Mariner Linux Security Update for kernel 5.10.60.1

901142 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6577-1)

903451 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (5121)

906190 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (5121-1)

940265 AlmaLinux Security Update for kernel (ALSA-2021:4356)