CVE-2020-27825

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Summary

CVE	CVE-2020-27825
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-12-11 19:15:00 UTC
Updated	2023-11-07 03:21:00 UTC
Description	A use-after-free flaw was found in kernel/trace/ring_buffer.c in Linux kernel (before 5.10-rc1). There was a race problem in t

Risk And Classification

Problem Types: CWE-362

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	5.10	rc1	All	All
Operating System	Linux	Linux Kernel	5.10	rc1	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Hardware	Netapp	Solidfire Baseboard Management Controller	-	All	All	All
Operating System	Netapp	Solidfire Baseboard Management Controller Firmware	-	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All
Operating System	Redhat	Enterprise Mrg	2.0	All	All	All
Application	Redhat	Enterprise Mrg	2.0	All	All	All

References

Reference	Source
[SECURITY] [DLA 2557-1] linux-4.19 security update	MLIST
CVE-2020-27825 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFIR
[SECURITY] [DLA 2586-1] linux security update	MLIST
Debian -- Security Information -- DSA-4843-1 linux	DEBIAN
1905155 – (CVE-2020-27825) CVE-2020-27825 kernel: use-after-free in the ftrace ring buffer resizing logic due to a race condition	MISC
CVE Program record	CVE.OR
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 353131 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-020
- 377055 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2021:0027)
- 610337 Google Pixel Android May 2021 Security Patch Missing
- 6140043 AWS Bottlerocket Security Update for kernel (GHSA-8wv2-7mxp-c8x5)
- 750376 OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)
- 750428 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0075-1)
- 750434 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0060-1)
- 751654 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0197-1)