



CVE-2021-3759

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Summary

CVE	CVE-2021-3759
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-23 16:15:00 UTC
Updated	2023-11-07 03:38:00 UTC
Description	A memory overflow vulnerability was found in the Linux kernel's ipc functionality of the memcg subsystem, in the way a use

Risk And Classification

Problem Types: CWE-770

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	Linux	Linux Kernel	-	All	All	All

References

Reference

- [PATCH] memcg: charge semaphores and sem_undo objects - Yutian Yang
- Red Hat Customer Portal - Access to 24x7 support and knowledge
- 1999675 – (CVE-2021-3759) CVE-2021-3759 kernel: unaccounted ipc objects in Linux kernel lead to breaking memcg limits and DoS attacks
- [PATCH] memcg: charge semaphores and sem_undo objects - Yutian Yang
- [SECURITY] [DLA 3244-1] linux-5.10 security update
- CVE Program record
- NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159825](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1988)

181367 Debian Security Update for linux (CVE-2021-3759)
181440 Debian Security Update for linux-5.10 (DLA 3244-1)
198542 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5115-1)
198543 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5117-1)
198548 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5120-1)
198561 Ubuntu Security Notification for Linux kernel Vulnerability (USN-5135-1)
198562 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5136-1)
198563 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5137-1)
198565 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5137-2)
240275 Red Hat Update for kernel-rt (RHSA-2022:1975)
240298 Red Hat Update for kernel security (RHSA-2022:1988)
354239 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-023
354275 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-039
378468 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042)
378473 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)
378512 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)
378710 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)
6140352 AWS Bottlerocket Security Update for kernel (GHSA-6xv5-7462-p246)
671159 EulerOS Security Update for kernel (EulerOS-SA-2021-2805)
671219 EulerOS Security Update for kernel (EulerOS-SA-2022-1030)
671225 EulerOS Security Update for kernel (EulerOS-SA-2022-1010)
751137 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1271-1)
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)
751217 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3387-1)
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)

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

[940517](#) AlmaLinux Security Update for kernel (ALSA-2022:1988)

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