CVE-2023-3268

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Summary

CVE	CVE-2023-3268
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-06-16 19:15:00 UTC
Updated	2023-11-07 04:18:00 UTC
Description	An out of bounds (OOB) memory access flaw was found in the Linux kernel in relay_file_read_start_pos in kernel/relay.c in

Risk And Classification

Problem Types: CWE-125

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	Debian	Debian Linux	12.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3508-1] linux security update	MLIST	lists.debian.org	
[PATCH] relayfs: fix out-of-bounds access in relay_file_read	MISC	lore.kernel.org	
Debian -- Security Information -- DSA-5480-1 linux	DEBIAN	www.debian.org	
cdn.kernel.org/pub/linux/kernel/v6.x/ChangeLog-6.3.2	MISC	cdn.kernel.org	
Debian -- Security Information -- DSA-5448-1 linux	DEBIAN	www.debian.org	
[PATCH] relayfs: fix out-of-bounds access in relay_file_read		lore.kernel.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
CVE-2023-3268 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com	
[SECURITY] [DLA 3623-1] linux-5.10 security update	MLIST	lists.debian.org	
CVE Program record	CVE.ORG	www.cve.org	canonical

NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ana

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 161066 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)
- 161147 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)
- 199615 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6252-1)
- 199617 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6254-1)
- 199652 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6283-1)
- 199670 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6300-1)
- 199784 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6397-1)
- 242399 Red Hat Update for kernel security (RHSA-2023:6583)
- 242434 Red Hat Update for kernel-rt security (RHSA-2023:6901)
- 242451 Red Hat Update for kernel security (RHSA-2023:7077)
- 242855 Red Hat Update for kernel (RHSA-2024:0412)
- 243050 Red Hat Update for kernel (RHSA-2024:1250)
- 243062 Red Hat Update for kernel-rt (RHSA-2024:1306)
- 355531 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-034
- 355532 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-021
- 355536 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-047
- 378701 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0030)
- 378710 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)
- 379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)
- 6000136 Debian Security Update for linux (DLA 3508-1)
- 6000207 Debian Security Update for linux (DSA 5448-1)
- 6000212 Debian Security Update for linux (DSA 5480-1)
- 6000265 Debian Security Update for linux-5.10 (DLA 3623-1)
- 6140267 AWS Bottlerocket Security Update for kernel (GHSA-rgrv-2p2x-qfxw)

673261 EulerOS Security Update for kernel (EulerOS-SA-2023-2614)

673272 EulerOS Security Update for kernel (EulerOS-SA-2023-2584)

673354 EulerOS Security Update for kernel (EulerOS-SA-2023-2843)

673372 EulerOS Security Update for kernel (EulerOS-SA-2023-2787)

673496 EulerOS Security Update for kernel (EulerOS-SA-2023-2860)

673498 EulerOS Security Update for kernel (EulerOS-SA-2023-3132)

673604 EulerOS Security Update for kernel (EulerOS-SA-2023-2811)

754160 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2808-1)

754167 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2822-1)

754168 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2830-1)

754170 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2834-1)

754183 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2859-1)

907115 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27222-1)

907173 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27248-1)

941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)