CVE-2023-3212

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Summary

CVE	CVE-2023-3212
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-06-23 20:15:00 UTC
Updated	2023-10-26 20:17:00 UTC
Description	A NULL pointer dereference issue was found in the gfs2 file system in the Linux kernel. It occurs on corrupt gfs2 file system

Risk And Classification

Problem Types: CWE-476

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	Fedoraproject	Fedora	38	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.4	rc1	All	All
Hardware	Netapp	H300s	-	All	All	All
Operating System	Netapp	H300s Firmware	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Hardware	Netapp	H410s	-	All	All	All
Operating System	Netapp	H410s Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All
Operating System	Netapp	H700s Firmware	-	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source	Link
gfs2: Don't deref jdesc in evict · torvalds/linux@504a10d · GitHub	MISC	github.com
Debian -- Security Information -- DSA-5480-1 linux	DEBIAN	www.debian.org
2214348 – (CVE-2023-3212) CVE-2023-3212 kernel: gfs2: NULL pointer dereference in gfs2_evict_inode()	MISC	bugzilla.redhat.com
CVE-2023-3212 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com
Debian -- Security Information -- DSA-5448-1 linux	DEBIAN	www.debian.org
[SECURITY] [DLA 3623-1] linux-5.10 security update	MLIST	lists.debian.org
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

- 161066 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)
- 161147 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)
- 199469 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6231-1)
- 199757 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6339-4)
- 199765 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6388-1)
- 199783 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6396-1)
- 199804 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6417-1)
- 199810 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6412-1)
- 199812 Ubuntu Security Notification for Linux kernel (KVM) Vulnerabilities (USN-6396-2)
- 199834 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6396-3)
- 199883 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)
- 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)
- 355864 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-051
- 356403 Amazon Linux Security Advisory for kernel : ALAS2-2023-2268

356578 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-054

378889 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0036)

378892 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0114)

379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)

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)

6000429 Debian Security Update for linux (DLA 3710-1)

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

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

907075 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27328-1)

907167 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27308-1)

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

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