CVE-2021-3929

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Summary

CVE	CVE-2021-3929
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-25 20:15:00 UTC
Updated	2023-11-07 03:38:00 UTC
Description	A DMA reentrancy issue was found in the NVM Express Controller (NVME) emulation in QEMU. This CVE is similar to CVE

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Application	Qemu	Qemu	All	All	All	All
Application	Qemu	Qemu	7.0.0	-	All	All

References

Reference	Source	Link
2020298 – (CVE-2021-3929) CVE-2021-3929 QEMU: nvme: DMA reentrancy issue leads to use-after-free	MISC	bugzilla.redha
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat
nvme: DMA reentrancy issue leads to use-after-free (CVE-2021-3929) (#782) · Issues · QEMU / QEMU · GitLab	MISC	gitlab.com
hw/nvme: fix CVE-2021-3929 (736b0164) · Commits · QEMU / QEMU · GitLab	MISC	gitlab.com
Fix DMA MMIO reentrancy issues (#556) · Issues · QEMU / QEMU · GitLab	MISC	gitlab.com
[SECURITY] Fedora 36 Update: qemu-6.2.0-15.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedorapro
[SECURITY] Fedora 36 Update: qemu-6.2.0-15.fc36 - package-announce - Fedora Mailing-Lists		lists.fedorapro
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

182950 Debian Security Update for qemu (CVE-2021-3929)

198837 Ubuntu Security Notification for QEMU Vulnerabilities (USN-5489-1)

283141 Fedora Security Update for qemu (FEDORA-2022-f0a2695054)

710604 Gentoo Linux QEMU Multiple Vulnerabilities (GLSA 202208-27)

753802 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2023:0761-1)

753824 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2023:0840-1)

754898 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2023:3721-1)

754937 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2023:3800-1)

903787 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (10725)

903830 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (10721)

905240 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (10721-1)