



CVE-2020-15469

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2020-15469
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-07-02 20:15:00 UTC
Updated	2022-09-23 15:29:00 UTC
Description	In QEMU 4.2.0, a MemoryRegionOps object may lack read/write callback methods, leading to a NULL pointer dereference.

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	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Qemu	Qemu	All	All	All	All

References

Reference	Source	Link	Tags
[PATCH v3 0/9] memory: assert and define MemoryRegionOps callbacks	MISC	lists.gnu.org	Mailing List
[SECURITY] [DLA 3099-1] qemu security update	MLIST	lists.debian.org	
[SECURITY] [DLA 2560-1] qemu security update	MLIST	lists.debian.org	Mailing List
oss-security - CVE-2020-15469 QEMU: MMIO ops null pointer dereference may lead to DoS	CONFIRM	www.openwall.com	Mailing List
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159250 Oracle Enterprise Linux Security Update for qemu (ELSA-2021-9285)
159566 Oracle Enterprise Linux Security Update for kvm_utils (ELSA-2021-9568)
174920 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:1243-1)
174921 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:1245-1)
174922 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:1240-1)
174923 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:1241-1)
174924 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:1244-1)
174926 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:1242-1)
180995 Debian Security Update for qemu (DLA 3099-1)
198432 Ubuntu Security Notification for QEMU vulnerabilities (USN-5010-1)
502351 Alpine Linux Security Update for qemu
750251 OpenSUSE Security Update for qemu (openSUSE-SU-2021:0600-1)
900187 CBL-Mariner Linux Security Update for qemu-kvm 4.2.0
903116 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (1957)

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