CVE-2020-28916

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Summary

CVE	CVE-2020-28916
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-12-04 07:15:00 UTC
Updated	2022-09-30 19:19:00 UTC
Description	hw/net/e1000e_core.c in QEMU 5.0.0 has an infinite loop via an RX descriptor with a NULL buffer address.

Risk And Classification

Problem Types: CWE-835

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	5.0.0	All	All	All
Application	Qemu	Qemu	5.0.0	All	All	All

References

Reference	Source	Link	Ta
Re: [PATCH] hw/net/e1000e: advance desc_offset in case of null descripto	MISC	lists.nongnu.org	Ex
[SECURITY] [DLA 3099-1] qemu security update	MLIST	lists.debian.org	
[SECURITY] [DLA 2560-1] qemu security update	MLIST	lists.debian.org	M
oss-security - CVE-2020-28916 QEMU: e1000e: infinite loop scenario in case of null packet descriptor	CONFIRM	www.openwall.com	M
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

No vendor comments have been submitted for this CVE.

Legacy OID Mappings

Legacy QID Mappings

159456	Oracle Enterprise Linux Security Update for virt:ol and virt-devel:rhel (ELSA-2021-1762)
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)
239306	Red Hat Update for virt:rhel and virt-devel:rhel (RHSA-2021:1762)
377413	Alibaba Cloud Linux Security Update for virt:rhel and virt-devel:rhel (ALINUX3-SA-2022:0119)
502352	Alpine Linux Security Update for qemu
750251	OpenSUSE Security Update for qemu (openSUSE-SU-2021:0600-1)
940118	AlmaLinux Security Update for virt:rhel and virt-devel:rhel (ALSA-2021:1762)
960265	Rocky Linux Security Update for virt:rhel and virt-devel:rhel (RLSA-2021:1762)