CVE-2020-15859

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Summary

CVE	CVE-2020-15859
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-07-21 16:15:00 UTC
Updated	2022-09-23 15:29:00 UTC
Description	QEMU 4.2.0 has a use-after-free in hw/net/e1000e_core.c because a guest OS user can trigger an e1000e packet with the

Risk And Classification

Problem Types: CWE-416

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	4.2.0	All	All	All
Application	Qemu	Qemu	4.2.0	All	All	All

References

Reference	Source	Link	Tags
oss-security - CVE-2020-15859 QEMU: net: e1000e: use-after-free while sending packets	MLIST	www.openwall.com	Mailing List, P
[PATCH] e1000e: using bottom half to send packets	MISC	lists.gnu.org	Mailing List, P
[SECURITY] [DLA 3099-1] qemu security update	MLIST	lists.debian.org	
[SECURITY] [DLA 2560-1] qemu security update	MLIST	lists.debian.org	Mailing List, T
Bug #1886362 “Heap use-after-free in lduw_he_p through e1000e_wr...” : Bugs : QEMU	MISC	bugs.launchpad.net	Exploit, Issue
QEMU: Multiple Vulnerabilities (GLSA 202208-27) — Gentoo security	GENTOO	security.gentoo.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

- 159468 Oracle Enterprise Linux Security Update for virt:ol and virt-devel:ol (ELSA-2021-4191)
- 180995 Debian Security Update for qemu (DLA 3099-1)
- 239833 Red Hat Update for virt:rhel and virt-devel:rhel security (RHSA-2021:4191)
- 377413 Alibaba Cloud Linux Security Update for virt:rhel and virt-devel:rhel (ALINUX3-SA-2022:0119)
- 502351 Alpine Linux Security Update for qemu
- 710604 Gentoo Linux QEMU Multiple Vulnerabilities (GLSA 202208-27)
- 900187 CBL-Mariner Linux Security Update for qemu-kvm 4.2.0
- 903486 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (1958)
- 940172 AlmaLinux Security Update for virt:rhel and virt-devel:rhel (ALSA-2021:4191)
- 960274 Rocky Linux Security Update for virt:rhel and virt-devel:rhel (RLSA-2021:4191)