



CVE-2023-3019

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

Summary

CVE	CVE-2023-3019
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-07-24 16:15:00 UTC
Updated	2024-01-30 17:15:00 UTC
Description	A DMA reentrancy issue leading to a use-after-free error was found in the e1000e NIC emulation code in QEMU. This issue

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Qemu	Qemu	-	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	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
Red Hat		access
July 2023 QEMU Vulnerabilities in NetApp Products NetApp Product Security	MISC	security
cve-details	MISC	access
2222351 – (CVE-2023-3019) CVE-2023-3019 QEMU: e1000e: heap use-after-free in e1000e_write_packet_to_guest()	MISC	bugzilla
Red Hat		access
Red Hat		access
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.nis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[161284](#) Oracle Enterprise Linux Security Update for virt:ol and virt-devel:rhel (ELSA-2024-0135)

[161478](#) Oracle Enterprise Linux Security Update for virt:kvm_utils3 (ELSA-2024-12276)

[242778](#) Red Hat Update for virt:rhel and virt-devel:rhel (RHSA-2024:0569)

[242861](#) Red Hat Update for virt:rhel and virt-devel:rhel (RHSA-2024:0404)

[379624](#) Alibaba Cloud Linux Security Update for virt:rhel and virt-devel:rhel (ALINUX3-SA-2024:0021)

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