



# CVE-2022-2962

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

## Summary

<b>CVE</b>	CVE-2022-2962
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-09-13 20:15:00 UTC
<b>Updated</b>	2023-06-28 20:40:00 UTC
<b>Description</b>	A DMA reentrancy issue was found in the Tulip device emulation in QEMU. When Tulip reads or writes to the rx/tx descriptors

## Risk And Classification

**Problem Types:** CWE-662

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Qemu</a>	<a href="#">Qemu</a>	All	All	All	All

## References

Reference	Source	Link
tulip: DMA reentrancy issue leads to stack overflow (CVE-2022-2962) (#1171) · Issues · QEMU / QEMU · GitLab	MISC	<a href="#">gitlab.com</a>
net: tulip: Restrict DMA engine to memories (36a894ae) · Commits · QEMU / QEMU · GitLab	MISC	<a href="#">gitlab.com</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[184284](#) Debian Security Update for qemu (CVE-2022-2962)

[199069](#) Ubuntu Security Notification for QEMU Vulnerabilities (USN-5772-1)

[502928](#) Alpine Linux Security Update for qemu

[505807](#) Alpine Linux Security Update for qemu

<a href="#">904023</a> Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (10973)
<a href="#">904027</a> Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (10975)
<a href="#">905205</a> Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (10973-1)
<a href="#">905835</a> Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (10973-2)
<a href="#">906464</a> Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (10975-2)

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