



CVE-2018-17958

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

Summary

CVE	CVE-2018-17958
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-10-09 22:29:00 UTC
Updated	2020-09-10 17:11:00 UTC
Description	Qemu has a Buffer Overflow in rtl8139_do_receive in hw/net/rtl8139.c because an incorrect integer data type is used.

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Qemu	Qemu	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Application	Redhat	Virtualization	4.0	All	All	All
Application	Redhat	Virtualization	4.0	All	All	All

Application	Redhat	Virtualization Manager	4.3	All	All	All
Application	Redhat	Virtualization Manager	4.3	All	All	All

References

Reference	Source	Link	Tags
QEMU 'hw/net/rtl8139.c' Integer Overflow Vulnerability	BID	www.securityfocus.com	Third Party Advisory, VDB Entry
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advisory
oss-security - Qemu: integer overflow issues	MLIST	www.openwall.com	Mailing List, Third Party Advisory
USN-3826-1: QEMU vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advisory
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advisory
[Qemu-devel] [PULL 22/25] rtl8139: fix possible out of bound access	MLIST	lists.gnu.org	Mailing List, Patch, Third Party Advisory
[SECURITY] [DLA 1646-1] qemu security update	MLIST	lists.debian.org	Mailing List, Third Party Advisory
Debian -- Security Information -- DSA-4454-1 qemu	DEBIAN	www.debian.org	Third Party Advisory
Bugtraq: [SECURITY] [DSA 4454-1] qemu security update	BUGTRAQ	seclists.org	Mailing List, Third Party Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

375439 Citrix XenServer Security Updates (CTX280451)

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/licenses).

CVE.report and Source URL Uptime Status status.cve.report