CVE-2021-3527

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Summary

CVE	CVE-2021-3527
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-05-26 22:15:00 UTC
Updated	2022-09-30 15:10:00 UTC
Description	A flaw was found in the USB redirector device (usb-redir) of QEMU. Small USB packets are combined into a single, large tr

Risk And Classification

Problem Types: CWE-770

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
Application	Qemu	Qemu	All	All	All	All
Application	Qemu	Qemu	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link
usb/redir: avoid dynamic stack allocation (CVE-2021-3527) (7ec54f9e) · Commits · QEMU / QEMU · GitLab	MISC	gitlab.com
CVE-2021-3527 QEMU Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.co
[SECURITY] [DLA 3099-1] qemu security update	MLIST	lists.debian.org
1955695 – (CVE-2021-3527) CVE-2021-3527 QEMU: usb: unbounded stack allocation in usbredir	MISC	bugzilla.redhat.com
[SECURITY] [DLA 2753-1] qemu security update	MLIST	lists.debian.org
usb: limit combined packets to 1 MiB (CVE-2021-3527) (05a40b17) · Commits · QEMU / QEMU · GitLab	MISC	gitlab.com
QEMU: Multiple Vulnerabilities (GLSA 202208-27) — Gentoo security	GENTOO	security.gentoo.org
oss-security - CVE-2021-3527 QEMU: usb: unbounded stack allocation in usbredir	MISC	www.openwall.com

CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 159368 Oracle Enterprise Linux Security Update for qemu (ELSA-2021-9425)
- 159465 Oracle Enterprise Linux Security Update for qemu (ELSA-2021-9425)
- 159566 Oracle Enterprise Linux Security Update for kvm_utils (ELSA-2021-9568)
- 178782 Debian Security Update for qemu (DLA 2753-1)
- 180258 Debian Security Update for qemu (CVE-2021-3527)
- 180995 Debian Security Update for qemu (DLA 3099-1)
- 198432 Ubuntu Security Notification for QEMU vulnerabilities (USN-5010-1)
- 355320 Amazon Linux Security Advisory for qemu : ALAS2-2023-2061
- 501909 Alpine Linux Security Update for qemu
- 502355 Alpine Linux Security Update for qemu
- 671198 EulerOS Security Update for qemu (EulerOS-SA-2022-1034)
- 671203 EulerOS Security Update for qemu (EulerOS-SA-2022-1014)
- 710604 Gentoo Linux QEMU Multiple Vulnerabilities (GLSA 202208-27)
- 750995 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:2813-1)
- 751013 OpenSUSE Security Update for qemu (openSUSE-SU-2021:2789-1)
- 751053 OpenSUSE Security Update for qemu (openSUSE-SU-2021:1202-1)
- 751068 OpenSUSE Security Update for qemu (openSUSE-SU-2021:2858-1)
- 751322 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:3614-1)
- 751323 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:3613-1)
- 751330 OpenSUSE Security Update for qemu (openSUSE-SU-2021:3614-1)
- 751338 SUSE Enterprise Linux Security Update for qemu (SUSE-SU-2021:3635-1)
- 900156 CBL-Mariner Linux Security Update for qemu-kvm 4.2.0
- 903539 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (4267)