



# CVE-2017-5987

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

## Summary

<b>CVE</b>	CVE-2017-5987
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-03-20 16:59:00 UTC
<b>Updated</b>	2023-11-07 02:49:00 UTC
<b>Description</b>	The sdhci_sdma_transfer_multi_blocks function in hw/sd/sdhci.c in QEMU (aka Quick Emulator) allows local OS guest privi

## Risk And Classification

**Problem Types:** CWE-835

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Qemu	Qemu	2.9.0	rc0	All	All
Application	Qemu	Qemu	2.9.0	rc1	All	All
Application	Qemu	Qemu	2.9.0	rc2	All	All
Application	Qemu	Qemu	2.9.0	rc3	All	All
Application	Qemu	Qemu	2.9.0	rc4	All	All
Application	Qemu	Qemu	2.9.0	rc0	All	All
Application	Qemu	Qemu	2.9.0	rc1	All	All
Application	Qemu	Qemu	2.9.0	rc2	All	All
Application	Qemu	Qemu	2.9.0	rc3	All	All
Application	Qemu	Qemu	2.9.0	rc4	All	All
Application	Qemu	Qemu	All	All	All	All

## References

Reference	Source	Link	Tags
QEMU 'hw/sd/sdhci.c' Denial of Service Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	Third Party Adv

Re: [Qemu-devel] [PATCH v3 1/4] sd: sdhci: check transfer mode register	MLIST	<a href="https://lists.gnu.org">lists.gnu.org</a>	Patch, Vendor
<a href="https://git.qemu.org">git.qemu.org</a> Git - qemu.git/commit	CONFIRM	<a href="https://git.qemu-project.org">git.qemu-project.org</a>	Issue Tracking,
[SECURITY] [DLA 1497-1] qemu security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	Third Party Adv
<a href="https://git.qemu.org">git.qemu.org</a> Git - qemu.git/commit		<a href="https://git.qemu-project.org">git.qemu-project.org</a>	
oss-security - CVE-2017-5987 Qemu: sd: infinite loop issue in multi block transfers	MLIST	<a href="https://www.openwall.com">www.openwall.com</a>	Mailing List, Pa
Bug 1421995 – CVE-2017-5987 Qemu: sd: infinite loop issue in multi block transfers	CONFIRM	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>	Issue Tracking,
QEMU: Multiple vulnerabilities (GLSA 201704-01) — Gentoo Security	GENTOO	<a href="https://security.gentoo.org">security.gentoo.org</a>	Third Party Adv
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, anal

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[710523](#) Gentoo Linux QEMU Multiple Vulnerabilities (GLSA 201704-01)

[900063](#) CBL-Mariner Linux Security Update for qemu-kvm 4.2.0

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