



CVE-2017-14167

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

| | |
|------------------------|---|
| CVE | CVE-2017-14167 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2017-09-08 18:29:00 UTC |
| Updated | 2020-11-16 20:21:00 UTC |
| Description | Integer overflow in the load_multiboot function in hw/i386/multiboot.c in QEMU (aka Quick Emulator) allows local guest OS |

Risk And Classification

Problem Types: CWE-190

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 | 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 |

References

| Reference | Source | Link |
|---|--------|----------------------------------|
| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| QEMU Out of Bounds Read and Write Memory Access CVE-2017-14167 Local Integer Overflow Vulnerability | BID | www.securityfoc |
| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| USN-3575-1: QEMU vulnerabilities Ubuntu security notices | UBUNTU | usn.ubuntu.com |
| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| [SECURITY] [DLA 1497-1] qemu security update | MLIST | lists.debian.org |
| Debian -- Security Information -- DSA-3991-1 qemu | DEBIAN | www.debian.org |
| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| oss-security - CVE-2017-14167 Qemu: i386: multiboot OOB access while loading guest kernel image | MLIST | www.openwall.co |

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| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| [Qemu-devel] [PATCH] multiboot: validate multiboot header address values | MLIST | lists.nongnu.org |
| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| Red Hat Customer Portal | REDHAT | access.redhat.cc |
| 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

[900050](#) CBL-Mariner Linux Security Update for qemu-kvm 4.2.0

[902819](#) Common Base Linux Mariner (CBL-Mariner) Security Update for qemu-kvm (3567)

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