# CVE-2018-7858

MITRE | NVD | CVE.ORG | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2018-7858 |
| **State** | PUBLIC |
| **Assigner** | cve@mitre.org |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2018-03-12 21:29:00 UTC |
| **Updated** | 2020-11-10 18:54:00 UTC |
| **Description** | Quick Emulator (aka QEMU), when built with the Cirrus CLGD 54xx VGA Emulator support, allows local guest OS privilege |

## Risk And Classification

**Problem Types:** CWE-125

## 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 | Opensuse | Leap | 42.3 | All | All | All |
| Operating System | Opensuse | Leap | 42.3 | All | All | All |
| Application | Qemu | Qemu | All | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Desktop | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 7.0 | All | All | All |

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|---|---|---|---|---|---|---|
| Operating System | Redhat | Enterprise Linux Server | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Aus | 7.6 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Aus | 7.6 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Eus | 7.5 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Eus | 7.6 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Eus | 7.5 | All | All | All |
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| Operating System | Redhat | Enterprise Linux Server Tus | 7.6 | All | All | All |
| Operating System | Redhat | Enterprise Linux Server Tus | 7.6 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 7.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 6.0 | All | All | All |
| Operating System | Redhat | Enterprise Linux Workstation | 7.0 | All | All | All |

## References

| Reference | Source | Link |
|---|---|---|
| USN-3649-1: QEMU vulnerabilities \| Ubuntu security notices | UBUNTU | usn.ubuntu.com |
| QEMU CVE-2018-7858 Denial of Service Vulnerability | BID | www.securityfocus.com |
| Red Hat Customer Portal | REDHAT | access.redhat.com |
| [security-announce] openSUSE-SU-2019:1074-1: important: Security update | SUSE | lists.opensuse.org |
| oss-security - CVE-2018-7858 Qemu: cirrus: OOB access when updating vga display | MLIST | www.openwall.com |
| 1553402 – (CVE-2018-7858) CVE-2018-7858 QEMU: cirrus: OOB access when updating VGA display | CONFIRM | bugzilla.redhat.com |
| Red Hat Customer Portal | REDHAT | access.redhat.com |
| Red Hat Customer Portal | REDHAT | access.redhat.com |
| [Qemu-devel] [PATCH] vga: fix region calculation | MLIST | lists.nongnu.org |
| 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

900063 CBL-Mariner Linux Security Update for qemu-kvm 4.2.0

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