

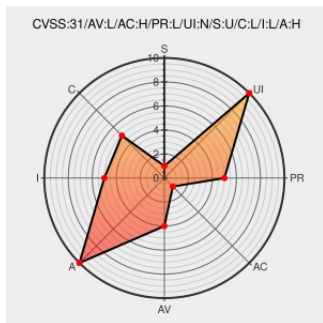


# CVE-2019-15034

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## CVE-2019-15034

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Qemu](#) from [Qemu](#) contain the following vulnerability:

hw/display/bochs-display.c in QEMU 4.0.0 does not ensure a sufficient PCI config space allocation, leading to a buffer overflow involving the PCIe extended config space.

CVE-2019-15034 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.8 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>HIGH</b>            | <b>LOW</b>          | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>LOW</b>             | <b>LOW</b>          | <b>HIGH</b>         |

CVSS2 Score: **4.4 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>LOCAL</b>           | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                | Tags                                                              | Link                              |
|------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------|
| USN-4372-1: QEMU vulnerabilities   Ubuntu security notices | <a href="#">usn.ubuntu.com</a><br><a href="#">text/html</a>       | <a href="#">UBUNTU USN-4372-1</a> |
| Debian -- Security Information -- DSA-4665-1 qemu          | <a href="#">www.debian.org</a><br><a href="#">Deprecated Link</a> | <a href="#">DEBIAN DSA-4665</a>   |

[text/html](#)

[Qemu-devel] [PATCH 1/1] display/bochs: fix pcie support

[Mailing List](#)[Patch](#)[Third Party Advisory](#)[lists.gnu.org](#)[text/x-diff](#)

 [MISC lists.gnu.org/archive/html/qemu-devel/2019-08/msg01959.html](https://lists.gnu.org/archive/html/qemu-devel/2019-08/msg01959.html)

[security-announce] openSUSE-SU-2020:0468-1: important: Security update

[lists.opensuse.org](#)[text/html](#)

 [SUSE openSUSE-SU-2020:0468](#)

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There are currently no QIDs associated with this CVE

#### Known Affected Configurations (CPE V2.3)

| Type                                 | Vendor               | Product              | Version | Update | Edition | Language |
|--------------------------------------|----------------------|----------------------|---------|--------|---------|----------|
| Application                          | <a href="#">Qemu</a> | <a href="#">Qemu</a> | 4.0.0   | All    | All     | All      |
| Application                          | <a href="#">Qemu</a> | <a href="#">Qemu</a> | 4.0.0   | All    | All     | All      |
| cpe:2.3:a:qemu:qemu:4.0.0:*:*:*:*:*: |                      |                      |         |        |         |          |
| cpe:2.3:a:qemu:qemu:4.0.0:*:*:*:*:*: |                      |                      |         |        |         |          |

No vendor comments have been submitted for this CVE

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