



# CVE-2018-20123

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

## Summary

<b>CVE</b>	CVE-2018-20123
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-12-17 19:29:00 UTC
<b>Updated</b>	2023-11-07 02:56:00 UTC
<b>Description</b>	pvr dma_realize in hw/rdma/vmw/pvr dma_main.c in QEMU has a Memory leak after an initialisation error.

## Risk And Classification

**Problem Types:** CWE-772

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.10	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Application	<a href="#">Qemu</a>	<a href="#">Qemu</a>	All	All	All	All

## References

Reference	Source	Link	Tags
QEMU CVE-2018-20123 Denial of Service Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	Third Party
[SECURITY] Fedora 30 Update: qemu-3.1.0-6.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="http://lists.fedoraproject.org">lists.fedoraproject.org</a>	Mailing List
oss-security - CVE-2018-20123 QEMU: pvr dma: memory leakage in device hotplug	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>	Mailing List
[SECURITY] Fedora 30 Update: qemu-3.1.0-6.fc30 - package-announce - Fedora Mailing Lists		<a href="http://lists.fedoraproject.org">lists.fedoraproject.org</a>	

[SECURITY] Fedora 30 Update: qemu-5.1.0-0.fc30 - package-announce - Fedora mailing-Lists			<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>	
Re: [Qemu-devel] [PATCH] pvr dma: release device resources in case of an	MLIST		<a href="https://lists.gnu.org">lists.gnu.org</a>	Mailing
USN-3923-1: QEMU vulnerabilities   Ubuntu security notices	UBUNTU		<a href="https://usn.ubuntu.com">usn.ubuntu.com</a>	Third
CVE Program record	CVE.ORG		<a href="https://www.cve.org">www.cve.org</a>	cano
NVD vulnerability detail	NVD		<a href="https://nvd.nist.gov">nvd.nist.gov</a>	cano

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© CVE.report 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](https://www.mitre.org/cve).

**Free CVE JSON API** [cve.report/api](https://cve.report/api)

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)