



# CVE-2018-1059

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

## Summary

<b>CVE</b>	CVE-2018-1059
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-04-24 18:29:00 UTC
<b>Updated</b>	2021-08-04 17:15:00 UTC
<b>Description</b>	The DPDK vhost-user interface does not check to verify that all the requested guest physical range is mapped and contiguous

## Risk And Classification

### Problem Types: CWE-200

## 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>	17.10	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>	17.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	18.04	All	All	All
Application	<a href="#">Dpdk</a>	<a href="#">Data Plane Development Kit</a>	All	All	All	All
Application	<a href="#">Dpdk</a>	<a href="#">Data Plane Development Kit</a>	All	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Ceph Storage</a>	3.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Ceph Storage</a>	3.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Fast Datapath</a>	7.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Fast Datapath</a>	7.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openshift</a>	3.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openshift</a>	3.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	10	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	10.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	11	All	All	All

Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	11.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	12	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	12.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	8	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	8.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	9	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	9.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	10.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	11.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	12.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	8.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Openstack</a>	9.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Virtualization</a>	4.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Virtualization</a>	4.1	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Virtualization</a>	4.0	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Virtualization</a>	4.1	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Virtualization Manager</a>	4.1	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Virtualization Manager</a>	4.1	All	All	All

## References

Reference	S
<a href="#">USN-3642-1: DPKD vulnerability   Ubuntu security notices   Ubuntu</a>	U
<a href="#">USN-3642-2: DPKD vulnerability   Ubuntu security notices</a>	U
<a href="#">Red Hat Customer Portal</a>	F
<a href="#">Red Hat Customer Portal</a>	F
<a href="#">1544298 – (CVE-2018-1059) CVE-2018-1059 dpdk: Information exposure in unchecked guest physical to host virtual address translations</a>	C
<a href="#">CVE-2018-1059 - Red Hat Customer Portal</a>	M
<a href="#">Red Hat Customer Portal</a>	F
<a href="#">Red Hat Customer Portal</a>	F
<a href="#">CVE Program record</a>	C
<a href="#">NVD vulnerability detail</a>	M

No vendor comments have been submitted for this CVE.

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

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