



# CVE-2018-16880

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

## Summary

<b>CVE</b>	CVE-2018-16880
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-01-29 16:29:00 UTC
<b>Updated</b>	2023-07-19 00:54:00 UTC
<b>Description</b>	A flaw was found in the Linux kernel's handle_rx() function in the [vhost_net] driver. A malicious virtual guest, under specific

## Risk And Classification

**Problem Types:** CWE-787

## 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>	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>	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="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

Reference	Source	Link
[security-announce] openSUSE-SU-2019:1404-1: important: Security update	SUSE	<a href="#">lists</a>
1656472 – (CVE-2018-16880) CVE-2018-16880 kernel: Out of bounds write in get_rx_bufs() function in drivers/vhost/net.c	CONFIRM	<a href="#">bug</a>
USN-3903-2: Linux kernel (HWE) vulnerabilities   Ubuntu security notices	UBUNTU	<a href="#">usr</a>
Linux Kernel 'drivers/vhost/net.c' Memory Corruption Vulnerability	BID	<a href="#">ww</a>
USN-3903-1: Linux kernel vulnerabilities   Ubuntu security notices	UBUNTU	<a href="#">usr</a>
support.f5.com/csp/article/K03593314	CONFIRM	<a href="#">sup</a>
CVE Program record	CVE.ORG	<a href="#">ww</a>
NVD vulnerability detail	NVD	<a href="#">nvc</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[900101](#) CBL-Mariner Linux Security Update for kernel 5.10.52.1

[900303](#) CBL-Mariner Linux Security Update for kernel 5.10.57.1

[900321](#) CBL-Mariner Linux Security Update for kernel 5.10.60.1

[901039](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6518-1)

[902985](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3507)

[906087](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3507-1)

[906285](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6518-2)

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