



CVE-2018-16882

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

Summary

CVE	CVE-2018-16882
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-01-03 16:29:00 UTC
Updated	2023-01-19 16:04:00 UTC
Description	A use-after-free issue was found in the way the Linux kernel's KVM hypervisor processed posted interrupts when nested(=1

Risk And Classification

Problem Types: CWE-416

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	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
USN-3871-3: Linux kernel (AWS, GCP, KVM, OEM, Raspberry Pi 2) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
USN-3872-1: Linux kernel (HWE) vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com
Linux 4.19.13 [LWN.net]	CONFIRM	lwn.net
USN-3871-5: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com

Linux 4.14.91 [LWN.net]	CONFIRM	lwn.net
USN-3871-4: Linux kernel (HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
1660604 – (CVE-2018-16882) CVE-2018-16882 Kernel: KVM: nVMX: use after free in posted interrupt processing	CONFIRM	bugzilla.mozilla.org
USN-3878-2: Linux kernel (Azure) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Linux Kernel CVE-2018-16882 Local Denial of Service Vulnerability	BID	www.securityfocus.com/bid/104442
support.f5.com/csp/article/K80557033	CONFIRM	support.f5.com/csp/article/K80557033
USN-3871-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
'[PATCH] KVM: Fix UAF in nested posted interrupt processing' - MARC	MISC	marc.info
USN-3878-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
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

[751451](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)

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