



CVE-2017-12154

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

Summary

CVE	CVE-2017-12154
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-09-26 05:29:00 UTC
Updated	2023-02-12 23:27:00 UTC
Description	The prepare_vmcs02 function in arch/x86/kvm/vmx.c in the Linux kernel through 4.13.3 does not ensure that the "CR8-load

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link
USN-3698-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
kvm: nVMX: Don't allow L2 to access the hardware CR8 · torvalds/linux@51aa68e · GitHub	CONFIRM	github.com
[PATCH] kvm: nVMX: Don't allow L2 to access the hardware CR8 — Linux KVM	CONFIRM	www.spinics.net
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3698-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
CVE-2017-12154 - Red Hat Customer Portal	MISC	access.redhat.com
Linux Kernel CVE-2017-12154 Denial of Service Vulnerability	BID	www.securityfocus.com
Bug 1491224 – CVE-2017-12154 Kernel: kvm: nVMX: L2 guest could access hardware(L0) CR8 register	CONFIRM	bugzilla.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Debian -- Security Information -- DSA-3981-1 linux	DEBIAN	www.debian.org
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
CVE Program record	CVE.ORG	www.cve.org

No vendor comments have been submitted for this CVE.

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

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