CVE-2017-1000407

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2017-1000407
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-11 21:29:00 UTC
Updated	2019-05-14 22:29:00 UTC
Description	The Linux Kernel 2.6.32 and later are affected by a denial of service, by flooding the diagnostic port 0x80 an exception can

Risk And Classification

Problem Types: CWE-754

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	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	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	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	17.10	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	4.15	rc1	All	All
Operating System	Linux	Linux Kernel	4.15	rc2	All	All

Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	4.15	rc1	All	All
Operating System	Linux	Linux Kernel	4.15	rc2	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Redhat	Virtualization Host	4.0	All	All	All
Application	Redhat	Virtualization Host	4.0	All	All	All

References

Reference	Source	Link	Tags
Linux Kernel 'arch/x86/kvm/vmx.c' Denial of Service Vulnerability	BID	www.securityfocus.com	Third Party Advi
[PATCH 1/2] KVM: VMX: remove I/O port 0x80 bypass on Intel hosts — Linux KVM	MLIST	www.spinics.net	Patch
Debian -- Security Information -- DSA-4082-1 linux	DEBIAN	www.debian.org	Third Party Advi
USN-3619-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advi
USN-3617-2: Linux (HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Advi
USN-3619-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advi
[SECURITY] [DLA 1200-1] linux security update	MLIST	lists.debian.org	Mailing List, Thi
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advi
USN-3617-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advi
oss-security - CVE-2017-1000407 Kernel: KVM: DoS via write flood to I/O port 0x80	MLIST	www.openwall.com	Mailing List, Pat
Debian -- Security Information -- DSA-4073-1 linux	DEBIAN	www.debian.org	Third Party Advi
USN-3583-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advi
Red Hat Customer Portal	REDHAT	access.redhat.com	
Red Hat Customer Portal	REDHAT	access.redhat.com	Third Party Advi
USN-3583-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advi

USN-3632-1: Linux kernel (Azure) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advi
CVE-2017-1000407 - Red Hat Customer Portal	CONFIRM	access.redhat.com	Third Party Advi
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analy

No vendor comments have been submitted for this CVE.

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