



CVE-2010-3881

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

Summary

CVE	CVE-2010-3881
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-12-23 18:00:00 UTC
Updated	2023-02-13 04:27:00 UTC
Description	arch/x86/kvm/x86.c in the Linux kernel before 2.6.36.2 does not initialize certain structure members, which allows local users to

Risk And Classification

Problem Types: CWE-200

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Suse	Suse Linux Enterprise Desktop	11	sp1	All	All
Operating System	Suse	Suse Linux Enterprise Desktop	11	sp1	All	All
Operating System	Suse	Suse Linux Enterprise High Availability Extension	11	sp1	All	All
Operating System	Suse	Suse Linux Enterprise High Availability Extension	11	sp1	All	All
Operating System	Suse	Suse Linux Enterprise Server	11	sp1	All	All
Operating System	Suse	Suse Linux Enterprise Server	11	sp1	All	All

References

Reference	Source	Link
[security-announce] SUSE Security Announcement: Realtime Linux Kernel (S	SUSE	lists.opensuse.org
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com

404: File not found	CONFIRM	www.kernel.org
access.redhat.com	REDHAT	rhn.redhat.com
649920 – (CVE-2010-3881) CVE-2010-3881 kvm: arch/x86/kvm/x86.c: reading uninitialized stack memory	CONFIRM	bugzilla.redhat.co
oss-security - Re: CVE request: kernel: kvm kernel stack leakage	MLIST	openwall.com
kvm/kvm.git - kernel-based virtual machine - kvm	CONFIRM	git.kernel.org
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
Linux Kernel Multiple 'kvm/x86.c' Local Information Disclosure Vulnerabilities	BID	www.securityfocu
[patch v2] x86: kvm: x86: fix information leak to userland -- Linux KVM	MLIST	www.spinics.net
oss-security - CVE request: kernel: kvm kernel stack leakage	MLIST	openwall.com
[security-announce] SUSE Security Announcement: Linux kernel (SUSE-SA:20	SUSE	lists.opensuse.org
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com
SUSE update for kernel - Advisories - Community	SECUNIA	secunia.com
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	VUPEN	www.vupen.com
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
kvm/kvm.git - kernel-based virtual machine - kvm	MISC	git.kernel.org
SecurityTracker: KVM Structure Initialization Error Lets Local Users Obtain Portions of Kernel Memory	SECTRACK	securitytracker.co
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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