



CVE-2023-1513

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

Summary

CVE	CVE-2023-1513
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-03-23 21:15:00 UTC
Updated	2023-11-07 04:04:00 UTC
Description	A flaw was found in KVM. When calling the KVM_GET_DEBUGREGS ioctl, on 32-bit systems, there might be some uninitia

Risk And Classification

Problem Types: CWE-665

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source
[SECURITY] [DLA 3404-1] linux-5.10 security update	MLIST
kvm: initialize all of the kvm_debugregs structure before sending it ... · torvalds/linux@2c10b61 · GitHub	MISC
2179892 – (CVE-2023-1513) CVE-2023-1513 kernel: KVM: information leak in KVM_GET_DEBUGREGS ioctl on 32-bit systems	MISC
[SECURITY] [DLA 3403-1] linux security update	MLIST
[PATCH] kvm: initialize all of the kvm_debugregs structure before sending it to userspace - Greg Kroah-Hartman	
[PATCH] kvm: initialize all of the kvm_debugregs structure before sending it to userspace - Greg Kroah-Hartman	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160572](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12323)

[181765](#) Debian Security Update for linux-5.10 (DLA 3404-1)

[181768](#) Debian Security Update for linux (DLA 3403-1)

[182165](#) Debian Security Update for linux (CVE-2023-1513)

[199342](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6080-1)

[199343](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6079-1)

[199346](#) Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6085-1)

[199351](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6090-1)

[199353](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6091-1)

[199354](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6096-1)

[199355](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6094-1)

[199368](#) Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6109-1)

[199376](#) Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6118-1)

[199384](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6132-1)

[199385](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6134-1)

[199389](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6133-1)

[199465](#) Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1)

[199504](#) Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6092-1)

[199512](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6084-1)

[199569](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6095-1)

[199589](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6081-1)

[199614](#) Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1)

[379435](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)

[390285](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0017)

[390286](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0018)

[390292](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for None (OVMSA-2023-0016)

672935 EulerOS Security Update for kernel (EulerOS-SA-2023-1824)
673208 EulerOS Security Update for kernel (EulerOS-SA-2023-2315)
673393 EulerOS Security Update for kernel (EulerOS-SA-2023-2647)
674113 EulerOS Security Update for kernel (EulerOS-SA-2023-2689)
753901 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1803-1)
753902 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1800-1)
753903 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1801-1)
753905 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1811-1)
753914 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1848-1)
754023 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2232-1)
755851 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
906741 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (25913-1)
906751 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (25931-1)

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