CVE-2023-5090

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Summary

CVE	CVE-2023-5090
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-11-06 11:15:00 UTC
Updated	2023-11-14 17:01:00 UTC
Description	A flaw was found in KVM. An improper check in svm_set_x2apic_msr_interception() may allow direct access to host x2apic

Risk And Classification

Problem Types: CWE-755

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	6.6	rc1	All	All
Operating System	Linux	Linux Kernel	6.6	rc2	All	All
Operating System	Linux	Linux Kernel	6.6	rc3	All	All
Operating System	Linux	Linux Kernel	6.6	rc4	All	All
Operating System	Linux	Linux Kernel	6.6	rc5	All	All
Operating System	Linux	Linux Kernel	6.6	rc6	All	All
Operating System	Linux	Linux Kernel	All	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
cve-details
2248122 – (CVE-2023-5090) CVE-2023-5090 kernel: KVM: SVM: improper check in svm_set_x2apic_msr_interception allows direct access to
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160978 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12874)

160982 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12911)

160985 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12910)

161237 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-13043)

199929 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6497-1)

199933 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6502-1)

199938 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6503-1)

199952 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6502-2)

199957 Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6520-1)

199958 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6502-3)

199973 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6502-4)

199982 Ubuntu Security Notification for Linux kernel (GCP) Vulnerability (USN-6537-1)

356908 Amazon Linux Security Advisory for kernel : ALAS2023-2023-430

356919 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-026

356921 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-022

356922 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-023

356923 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-024

356924 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-025

356925 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-021

6140012 AWS Bottlerocket Security Update for kernel (GHSA-h793-mm5x-7p69)

6140051 AWS Bottlerocket Security Update for kernel (GHSA-h793-mm5x-7p69)

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