



CVE-2020-27152

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

Summary

CVE	CVE-2020-27152
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-11-06 08:15:00 UTC
Updated	2020-11-16 15:14:00 UTC
Description	An issue was discovered in ioapic_lazy_update_eoi in arch/x86/kvm/ioapic.c in the Linux kernel before 5.9.2. It has an infinity

Risk And Classification

Problem Types: CWE-835

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

References

Reference	Source
cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.9.2	CONFIRM
208767 – kernel stack overflow due to Lazy update IOAPIC on an x86_64 *host*, when gpu is passthrough to macos guest vm	MISC
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM
oss-security - CVE-2020-27152 Kernel: KVM: host stack overflow via loop due to lazy update IOAPIC	MLIST
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159144](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2021-1093)

[239202](#) Red Hat Update for kernel (RHSA-2021:1093)

239204 Red Hat Update for kernel-rt (RHSA-2021:1081)
900040 CBL-Mariner Linux Security Update for kernel 5.4.91
903635 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3596)
906008 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3596-1)
940387 AlmaLinux Security Update for kernel (ALSA-2021:1093)

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