CVE-2021-4158

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Summary

CVE	CVE-2021-4158
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-24 16:15:00 UTC
Updated	2024-01-25 21:29:00 UTC
Description	A NULL pointer dereference issue was found in the ACPI code of QEMU. A malicious, privileged user within the guest could

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Qemu	Qemu	All	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source	Link
[PATCH] acpi: validate hotplug selector on access	MISC	www.mail-arc
2035002 – (CVE-2021-4158) CVE-2021-4158 QEMU: NULL pointer dereference in pci_write() in hw/acpi/pcihp.c	MISC	bugzilla.redha
[PATCH] acpi: validate hotplug selector on access	MISC	www.mail-arc
READ memory access in /hw/acpi/pcihp.c (#770) · Issues · QEMU / QEMU · GitLab	MISC	gitlab.com
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redha
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redha
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redha
acpi: validate hotplug selector on access (9bd6565c) · Commits · QEMU / QEMU · GitLab	MISC	gitlab.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159638 Oracle Enterprise Linux Security Update for qemu (ELSA-2022-9123)

159672 Oracle Enterprise Linux Security Update for kvm_utils (ELSA-2022-9172)

159858 Oracle Enterprise Linux Security Update for virt:ol and virt-devel:ol (ELSA-2022-1759)

160273 Oracle Enterprise Linux Security Update for qemu-kvm (ELSA-2022-7967)

183172 Debian Security Update for qemu (CVE-2021-4158)

198683 Ubuntu Security Notification for QEMU Vulnerabilities (USN-5307-1)

240292 Red Hat Update for virt:rhel and virt-devel:rhel security (RHSA-2022:1759)

240913 Red Hat Update for qemu-kvm security (RHSA-2022:7967)

502927 Alpine Linux Security Update for qemu

505806 Alpine Linux Security Update for qemu

710604 Gentoo Linux QEMU Multiple Vulnerabilities (GLSA 202208-27)

903840 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (10679) (DEPRECATED)

903951 Common Base Linux Mariner (CBL-Mariner) Security Update for qemu (10679-1)

940525 AlmaLinux Security Update for virt:rhel and virt-devel:rhel (ALSA-2022:1759)

940832 AlmaLinux Security Update for qemu-kvm (ALSA-2022:7967)

960314 Rocky Linux Security Update for virt:rhel and virt-devel:rhel (RLSA-2022:1759)

960500 Rocky Linux Security Update for qemu-kvm (RLSA-2022:7967)