CVE-2021-3631

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Summary

CVE	CVE-2021-3631
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-02 23:15:00 UTC
Updated	2024-04-01 13:16:00 UTC
Description	A flaw was found in libvirt while it generates SELinux MCS category pairs for VMs' dynamic labels. This flaw allows one exp

Risk And Classification

Problem Types: CWE-732

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Netapp	Ontap Select Deploy Administration Utility	-	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Application	Redhat	Libvirt	All	All	All	All
Application	Redhat	Openshift Container Platform	4.8	All	All	All

References

Reference	Source
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC
[debian-lts-announce] 20240401 [SECURITY] [DLA 3778-1] libvirt security update	
1977726 – (CVE-2021-3631) CVE-2021-3631 libvirt: Insecure sVirt label generation	MISC
libvirt: Multiple Vulnerabilities (GLSA 202210-06) — Gentoo security	GENTOO
Selinux MCS generate a single category context and may be accessed by another machine (#153) · Issues · libvirt / libvirt · GitLab	MISC
CVE-2021-3631 Libvirt Vulnerability in NetApp Products | NetApp Product Security	CONFIR
security: fix SELinux label generation logic (15073504) · Commits · libvirt / libvirt · GitLab	MISC
CVE Program record	CVE.OR
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 159468 Oracle Enterprise Linux Security Update for virt:ol and virt-devel:ol (ELSA-2021-4191)
- 160343 Oracle Enterprise Linux Security Update for libvirt (ELSA-2022-10062)
- 160365 Oracle Enterprise Linux Security Update for virt:kvm_utils (ELSA-2022-10093)
- 160453 Oracle Enterprise Linux Security Update for virt:kvm_utils (ELSA-2023-12108)
- 184879 Debian Security Update for libvirt (CVE-2021-3631)
- 198763 Ubuntu Security Notification for libvirt Vulnerabilities (USN-5399-1)
- 239833 Red Hat Update for virt:rhel and virt-devel:rhel security (RHSA-2021:4191)
- 281714 Fedora Security Update for libvirt (FEDORA-2021-bc6ad65da0)
- 377413 Alibaba Cloud Linux Security Update for virt:rhel and virt-devel:rhel (ALINUX3-SA-2022:0119)
- 502116 Alpine Linux Security Update for libvirt
- 6000552 Debian Security Update for libvirt (DLA 3778-1)
- 710643 Gentoo Linux libvirt Multiple Vulnerabilities (GLSA 202210-06)
- 750955 OpenSUSE Security Update for libvirt (openSUSE-SU-2021:1119-1)
- 751003 OpenSUSE Security Update for libvirt (openSUSE-SU-2021:2812-1)
- 900736 Common Base Linux Mariner (CBL-Mariner) Security Update for libvirt (8880)
- 940172 AlmaLinux Security Update for virt:rhel and virt-devel:rhel (ALSA-2021:4191)
- 960274 Rocky Linux Security Update for virt:rhel and virt-devel:rhel (RLSA-2021:4191)