



# CVE-2021-3631

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2021-3631
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-03-02 23:15:00 UTC
<b>Updated</b>	2024-04-01 13:16:00 UTC
<b>Description</b>	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.ORG
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)

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