



# CVE-2023-33952

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

## Summary

<b>CVE</b>	CVE-2023-33952
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-07-24 16:15:00 UTC
<b>Updated</b>	2024-01-04 20:15:00 UTC
<b>Description</b>	A double-free vulnerability was found in the vmwgfx driver in the Linux kernel. The flaw exists within the handling of vmw_b

## Risk And Classification

**Problem Types:** CWE-415

## 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	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv	8.0	All	All	All

## References

### Reference

Red Hat
Red Hat
ZDI-23-708   Zero Day Initiative
cve-details
Red Hat
2218212 – (CVE-2023-33952, ZDI-23-708, ZDI-CAN-20292) CVE-2023-33952 kernel: vmwgfx: double free within the handling of vmw_buffer_
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[161066](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)

[161147](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)

[242399](#) Red Hat Update for kernel security (RHSA-2023:6583)

[242434](#) Red Hat Update for kernel-rt security (RHSA-2023:6901)

[242451](#) Red Hat Update for kernel security (RHSA-2023:7077)

[243087](#) Red Hat Update for kernel (RHSA-2024:1404)

[755851](#) SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)

[907520](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27756-1)

[941453](#) AlmaLinux Security Update for kernel (ALSA-2023:7077)

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