



# CVE-2023-5633

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

## Summary

<b>CVE</b>	CVE-2023-5633
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-10-23 22:15:00 UTC
<b>Updated</b>	2024-01-25 20:15:00 UTC
<b>Description</b>	The reference count changes made as part of the CVE-2023-33951 and CVE-2023-33952 fixes exposed a use-after-free fl

## Risk And Classification

**Problem Types:** CWE-416

## 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	6.6	rc1	All	All
Operating System	Linux	Linux Kernel	6.6	rc2	All	All
Operating System	Linux	Linux Kernel	6.6	rc3	All	All
Operating System	Linux	Linux Kernel	6.6	rc4	All	All
Operating System	Linux	Linux Kernel	6.6	rc5	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

## References

Reference	Source
Red Hat	
Red Hat	
cve-details	MISC
2245663 – (CVE-2023-5633) CVE-2023-5633 kernel: vmwgfx: reference count issue leads to use-after-free in surface handling	MISC
Red Hat	
CVE Program record	CVE.ORG

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[161404](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0461)

[199938](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6503-1)

[199982](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerability (USN-6537-1)

[200182](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6688-1)

[242839](#) Red Hat Update for kernel (RHSA-2024:0461)

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

[941540](#) AlmaLinux Security Update for kernel (ALSA-2024:0113)

[961107](#) Rocky Linux Security Update for kernel-rt (RLSA-2024:0134)

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