



# CVE-2023-1582

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## Summary

<b>CVE</b>	CVE-2023-1582
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-04-05 20:15:00 UTC
<b>Updated</b>	2023-11-07 04:04:00 UTC
<b>Description</b>	A race problem was found in fs/proc/task_mmu.c in the memory management sub-component in the Linux kernel. This issue

## Risk And Classification

**Problem Types:** CWE-362

## 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	5.7	rc1	All	All
Operating System	Linux	Linux Kernel	5.7	rc2	All	All
Operating System	Linux	Linux Kernel	5.7	rc3	All	All
Operating System	Linux	Linux Kernel	5.7	rc4	All	All
Operating System	Linux	Linux Kernel	5.7	rc5	All	All
Operating System	Linux	Linux Kernel	5.7	rc6	All	All
Operating System	Linux	Linux Kernel	5.7	rc7	All	All

## References

Reference	Source	Link	Tags
Re: [stable-5.15 PATCH] fs/proc: task_mmu.c: don't read mapcount for migration entry - Greg KH		<a href="https://lore.kernel.org">lore.kernel.org</a>	
Re: [stable-5.15 PATCH] fs/proc: task_mmu.c: don't read mapcount for migration entry - Greg KH	MISC	<a href="https://lore.kernel.org">lore.kernel.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, a

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

160692 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2951)

181684 Debian Security Update for linux (CVE-2023-1582)

241504 Red Hat Update for kernel security (RHSA-2023:2951)

241527 Red Hat Update for kernel-rt (RHSA-2023:2736)

672935 EulerOS Security Update for kernel (EulerOS-SA-2023-1824)

672952 EulerOS Security Update for kernel (EulerOS-SA-2023-1806)

672981 EulerOS Security Update for kernel (EulerOS-SA-2023-1848)

673005 EulerOS Security Update for kernel (EulerOS-SA-2023-1873)

673074 EulerOS Security Update for kernel (EulerOS-SA-2023-2193)

753902 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1800-1)

753905 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:1811-1)

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

941096 AlmaLinux Security Update for kernel (ALSA-2023:2951)

941114 AlmaLinux Security Update for kernel-rt (ALSA-2023:2736)

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