



CVE-2023-4732

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Summary

CVE	CVE-2023-4732
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-10-03 17:15:00 UTC
Updated	2024-01-25 20:15:00 UTC
Description	A flaw was found in pfn_swap_entry_to_page in memory management subsystem in the Linux Kernel. In this flaw, an attack

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
Application	Redhat	Codeready Linux Builder	8.0	All	All	All
Application	Redhat	Codeready Linux Builder For Arm64	8.0_aarch64	All	All	All
Application	Redhat	Codeready Linux Builder For Power Little Endian	8.0_ppc64le	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Arm 64	8.0_aarch64	All	All	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	8.0_s390x	All	All	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	8.0_ppc64le	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

2236982 – (CVE-2023-4732) CVE-2023-4732 kernel: Race between task migrating pages and another task calling exit_mmap to release those

Red Hat

Red Hat

Red Hat

cve-details

Red Hat

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

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

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

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

[242521](#) Red Hat Update for kernel security (RHSA-2023:7539)

[242855](#) Red Hat Update for kernel (RHSA-2024:0412)

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

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