



CVE-2023-4693

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2023-4693
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-10-25 18:17:00 UTC
Updated	2024-03-08 19:40:00 UTC
Description	An out-of-bounds read flaw was found on grub2's NTFS filesystem driver. This issue may allow a physically present attacker

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Grub2	All	All	All	All
Application	Gnu	Grub2	-	All	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	Link
CVE-2023-4692, CVE-2023-4693: vulnerabilities in the GRUB boot manager – My DFIR Blog	MISC	dfir.ru
security.netapp.com/advisory/ntap-20231208-0002		security.netapp.com
security.gentoo.org/glsa/202311-14		security.gentoo.org
2238343 – (CVE-2023-4693) CVE-2023-4693 grub2: out-of-bounds read at fs/ntfs.c	MISC	bugzilla.redhat.com
oss-sec: CVE-2023-4692, CVE-2023-4693: grub2: OOB write, read via specially crafted NTFS filesystem	MISC	seclists.org
[SECURITY PATCH 0/6] GRUB2 NTFS driver vulnerabilities - 2023/10/03	MISC	lists.gnu.org
cve-details	MISC	access.redhat.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

199802	Ubuntu Security Notification for GRUB2 Vulnerabilities (USN-6410-1)
356438	Amazon Linux Security Advisory for grub2 : ALAS2-2023-2292
356613	Amazon Linux Security Advisory for grub2 : ALAS2023-2023-409
356635	Amazon Linux Security Advisory for grub2 : ALAS2023-2023-408
6000116	Debian Security Update for grub2 (DLA 3605-1)
6000174	Debian Security Update for grub2 (DSA 5519-1)
673348	EulerOS Security Update for grub2 (EulerOS-SA-2023-3301)
673390	EulerOS Security Update for grub2 (EulerOS-SA-2024-1060)
673506	EulerOS Security Update for grub2 (EulerOS-SA-2023-3333)
673603	EulerOS Security Update for grub2 (EulerOS-SA-2023-3272)
673664	EulerOS Security Update for grub2 (EulerOS-SA-2024-1270)
673921	EulerOS Security Update for grub2 (EulerOS-SA-2024-1141)
674062	EulerOS Security Update for grub2 (EulerOS-SA-2023-3244)
674085	EulerOS Security Update for grub2 (EulerOS-SA-2024-1084)
710796	Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202311-14)
755093	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2023:4085-1)
755116	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2023:4130-1)
755125	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2023:4141-1)
755126	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2023:4140-1)
908007	Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (31685-1)

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