



CVE-2022-3775

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Summary

CVE	CVE-2022-3775
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-12-19 20:15:00 UTC
Updated	2023-11-25 12:15:00 UTC
Description	When rendering certain unicode sequences, grub2's font code doesn't proper validate if the informed glyph's width and heig

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Grub2	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link	Tags
GRUB: Multiple Vulnerabilities (GLSA 202311-14) — Gentoo security		security.gentoo.org	
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160386](#) Oracle Enterprise Linux Security Update for grub2 (ELSA-2023-12019)

[160437](#) Oracle Enterprise Linux Security Update for grub2 (ELSA-2023-0049)

[160730](#) Oracle Enterprise Linux Security Update for grub2 (ELSA-2023-0752)

[181216](#) Debian Security Update for arub2 (DSA 5280-1)

181218	Debian Security Update for grub2 (DLA 3190-1)
181312	Debian Security Update for grub2 (DLA 3190-2)
182045	Debian Security Update for grub2 (CVE-2022-3775)
241007	Red Hat Update for grub2 (RHSA-2022:8978)
241037	Red Hat Update for grub2 (RHSA-2023:0047)
241040	Red Hat Update for grub2 (RHSA-2023:0048)
241042	Red Hat Update for grub2 (RHSA-2023:0049)
241185	Red Hat Update for grub2 (RHSA-2023:0752)
283350	Fedora Security Update for grub2 (FEDORA-2022-f86e203baf)
283365	Fedora Security Update for grub2 (FEDORA-2022-7ce9378e90)
283416	Fedora Security Update for grub2 (FEDORA-2022-dec4cdacd7)
355137	Amazon Linux Security Advisory for grub2 : ALAS2023-2023-020
355617	Amazon Linux Security Advisory for grub2 : ALAS2-2023-2146
377900	Alibaba Cloud Linux Security Update for grub2 (ALINUX3-SA-2023:0003)
672656	EulerOS Security Update for grub2 (EulerOS-SA-2023-1386)
672662	EulerOS Security Update for grub2 (EulerOS-SA-2023-1358)
672671	EulerOS Security Update for grub2 (EulerOS-SA-2023-1407)
672693	EulerOS Security Update for grub2 (EulerOS-SA-2023-1422)
672717	EulerOS Security Update for grub2 (EulerOS-SA-2023-1443)
672766	EulerOS Security Update for grub2 (EulerOS-SA-2023-1468)
672880	EulerOS Security Update for grub2 (EulerOS-SA-2023-1595)
710796	Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202311-14)
752845	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:4219-1)
752900	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:4218-1)
752909	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:4141-1)
752923	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:4140-1)
752932	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:4142-1)
752964	SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:4302-1)

904743 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (12080)
904761 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (12079)
905656 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (12080-1)
906578 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (12080-3)
907025 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (12079-1)
940866 AlmaLinux Security Update for grub2 (ALSA-2023:0049)
940924 AlmaLinux Security Update for grub2 (ALSA-2023:0752)
960514 Rocky Linux Security Update for grub2 (RLSA-2023:0049)
960577 Rocky Linux Security Update for grub2 (RLSA-2023:0752)

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