



CVE-2022-28736

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

Summary

CVE	CVE-2022-28736
State	PUBLIC
Assigner	security@ubuntu.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-07-20 01:15:00 UTC
Updated	2023-08-25 23:15:00 UTC
Description	There's a use-after-free vulnerability in grub_cmd_chainloader() function; The chainloader command is used to boot up ope

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Grub2	All	All	All	All

References

Reference	Source	Link	Tags
CVE - CVE-2022-28736	MISC	cve.mitre.org	
oss-security - [SECURITY PATCH 00/30] Multiple GRUB2 vulnerabilities - 2022/06/07 round	MISC	www.openwall.com	
July 2023 Grub Vulnerabilities in NetApp Products NetApp Product Security	MISC	security.netapp.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159883](#) Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9471)

[159884](#) Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9469)

[159943](#) Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-5099)

159967 Oracle Enterprise Linux Security Update for grub2, mokutil, shim, and shim-unsigned-x64 (ELSA-2022-5095)
159985 Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9596)
159986 Oracle Enterprise Linux Security Update for grub2 (ELSA-2022-9595)
161027 Oracle Enterprise Linux Security Update for grub2 (ELSA-2023-12952)
181009 Debian Security Update for grub2 (CVE-2022-28736)
240473 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5100)
240474 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5099)
240476 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5096)
240477 Red Hat Update for grub2, mokutil, shim, and shim-unsigned-x64 (RHSA-2022:5095)
282811 Fedora Security Update for grub2 (FEDORA-2022-27932fdd06)
282866 Fedora Security Update for grub2 (FEDORA-2022-9b4f9af4ce)
354332 Amazon Linux Security Advisory for grub2 : ALAS2022-2022-109
354535 Amazon Linux Security Advisory for grub2 : ALAS-2022-109
355137 Amazon Linux Security Advisory for grub2 : ALAS2023-2023-020
355617 Amazon Linux Security Advisory for grub2 : ALAS2-2023-2146
377130 Alibaba Cloud Linux Security Update for grub2, mokutil, shim, and shim-unsigned-x64 (ALINUX3-SA-2022:0134)
377622 Alibaba Cloud Linux Security Update for grub2, mokutil, shim, and shim-unsigned-x64 (ALINUX3-SA-2022:0164)
672021 EulerOS Security Update for grub2 (EulerOS-SA-2022-2242)
672026 EulerOS Security Update for grub2 (EulerOS-SA-2022-2221)
672031 EulerOS Security Update for grub2 (EulerOS-SA-2022-2255)
672109 EulerOS Security Update for grub2 (EulerOS-SA-2022-2318)
672131 EulerOS Security Update for grub2 (EulerOS-SA-2022-2289)
710619 Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202209-12)
752214 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2037-1)
752215 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2041-1)
752216 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2036-1)
752217 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2035-1)
752218 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2038-1)
752221 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2064-1)

752229 SUSE Enterprise Linux Security Update for grub2 (SUSE-SU-2022:2074-1)
907581 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (27554-1)
940639 AlmaLinux Security Update for grub2, (ALSA-2022:5095)
940640 AlmaLinux Security Update for grub2, (ALSA-2022:5099)
960155 Rocky Linux Security Update for grub2, (RLSA-2022:5095)
960538 Rocky Linux Security Update for grub2, (RLSA-2022:5099)

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