



CVE-2022-28737

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

Summary

CVE	CVE-2022-28737
State	PUBLIC
Assigner	security@ubuntu.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-07-20 01:15:00 UTC
Updated	2023-07-28 15:33:00 UTC
Description	There's a possible overflow in handle_image() when shim tries to load and execute crafted EFI executables; The handle_ir

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Redhat	Shim	All	All	All	All

References

Reference	Source	Link	Tags
CVE - CVE-2022-28737	MISC	cve.mitre.org	
oss-security - [SECURITY PATCH 00/30] Multiple GRUB2 vulnerabilities - 2022/06/07 round	MISC	www.openwall.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, e

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159881 Oracle Enterprise Linux Security Update for shim (ELSA-2022-9465)
159887 Oracle Enterprise Linux Security Update for shim-signed (ELSA-2022-9466)
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)
181578 Debian Security Update for shim (CVE-2022-28737)
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)
282827 Fedora Security Update for shim (FEDORA-2022-98830efc68)
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)
672038 EulerOS Security Update for shim (EulerOS-SA-2022-2280)
672050 EulerOS Security Update for shim (EulerOS-SA-2022-2235)
672117 EulerOS Security Update for shim (EulerOS-SA-2022-2333)
672129 EulerOS Security Update for shim (EulerOS-SA-2022-2304)
672231 EulerOS Security Update for shim (EulerOS-SA-2022-2635)
672256 EulerOS Security Update for shim (EulerOS-SA-2022-2667)
672311 EulerOS Security Update for shim (EulerOS-SA-2022-2699)
710619 Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202209-12)
753881 SUSE Enterprise Linux Security Update for shim (SUSE-SU-2023:1702-1)
753962 SUSE Enterprise Linux Security Update for shim (SUSE-SU-2023:2091-1)
753969 SUSE Enterprise Linux Security Update for shim (SUSE-SU-2023:2086-1)
754060 SUSE Enterprise Linux Security Update for shim (SUSE-SU-2023:2084-1)
755901 SUSE Enterprise Linux Security Update for shim (SUSE-SU-2023:1863-1)
940639 AlmaLinux Security Update for grub2, (ALSA-2022:5095)
940640 AlmaLinux Security Update for grub2, (ALSA-2022:5099)
960538 Rocky Linux Security Update for grub2, (RLSA-2022:5099)

completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)