



CVE-2020-27749

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

Summary

CVE	CVE-2020-27749
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-03 17:15:00 UTC
Updated	2023-11-07 03:20:00 UTC
Description	A flaw was found in grub2 in versions prior to 2.06. Variable names present are expanded in the supplied command line into

Risk And Classification

Problem Types: CWE-121

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Gnu	Grub2	All	All	All	All
Application	Gnu	Grub2	All	All	All	All
Application	Netapp	Ontap Select Deploy Administration Utility	-	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.2	All	All	All

Operating System	Redhat	Enterprise Linux Server Aus	7.3	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	8.1	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.7	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	8.2	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 34 Update: shim-15.4-4 - package-announce - Fedora Mailing-Lists		lists.fedoraproject
[SECURITY] Fedora 34 Update: shim-15.4-4 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject
1899966 – (CVE-2020-27749) CVE-2020-27749 grub2: Stack buffer overflow in grub_parser_split_cmdline()	MISC	bugzilla.redhat.co
GRUB: Multiple vulnerabilities (GLSA 202104-05) — Gentoo security	GENTOO	security.gentoo.or
March 2021 Grub2 Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.co
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

178614 Debian Security Update for grub2 (DSA 4867-1)
178629 Debian Security Update for grub2 (DSA 4867-1)
198410 Ubuntu Security Notification for GRUB 2 vulnerabilities (USN-4992-1)
239315 Red Hat Update for shim (RHSA-2021:1734)
239469 Red Hat Update for fwupd (RHSA-2021:2566)
239494 Red Hat Update for shim and fwupd (RHSA-2021:2790)
239657 Red Hat Update for shim and fwupd (RHSA-2021:3675)
281363 Fedora Security Update for efi (FEDORA-2021-cab258a413)
352490 Amazon Linux Security Advisory for grub2: ALAS2-2021-1684
377367 Alibaba Cloud Linux Security Update for grub2 (ALINUX3-SA-2021:0026)
377414 Alibaba Cloud Linux Security Update for fwupd (ALINUX3-SA-2021:0048)
377548 Alibaba Cloud Linux Security Update for grub2 (ALINUX2-SA-2021:0020)
502730 Alpine Linux Security Update for grub
670349 EulerOS Security Update for grub2 (EulerOS-SA-2021-1875)
670376 EulerOS Security Update for grub2 (EulerOS-SA-2021-1948)
670398 EulerOS Security Update for grub2 (EulerOS-SA-2021-1927)
670931 EulerOS Security Update for grub2 (EulerOS-SA-2021-1875)
710015 Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202104-05)
730228 McAfee Web Gateway Multiple Vulnerabilities (WP-3445, WP-3483, WP-3527, WP-3528, WP-3547, WP-3584, WP-3589, WP-3611)
750300 OpenSUSE Security Update for grub2 (openSUSE-SU-2021:0462-1)
900055 CBL-Mariner Linux Security Update for grub2 2.06~rc1
901204 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (6463-1)
903453 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (3933)
905904 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (3933-1)
906478 Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (6463-2)
940046 AlmaLinux Security Update for fwupd (ALSA-2021:2566)
940314 AlmaLinux Security Update for shim (ALSA-2021:1734)
940320 AlmaLinux Security Update for grub2 (ALSA-2021:0696)

[960461](#) Rocky Linux Security Update for shim (RLSA-2021:1734)

[960826](#) Rocky Linux Security Update for fwupd (RLSA-2021:2566)

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