



# CVE-2020-27779

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

## Summary

<b>CVE</b>	CVE-2020-27779
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-03-03 17:15:00 UTC
<b>Updated</b>	2023-11-07 03:21:00 UTC
<b>Description</b>	A flaw was found in grub2 in versions prior to 2.06. The cutmem command does not honor secure boot locking allowing an

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

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

Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	8.1	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	8.1	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All

## References

### Reference

[SECURITY] Fedora 34 Update: shim-15.4-4 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 34 Update: shim-15.4-4 - package-announce - Fedora Mailing-Lists

GRUB: Multiple vulnerabilities (GLSA 202104-05) — Gentoo security

March 2021 Grub2 Vulnerabilities in NetApp Products | NetApp Product Security

1900698 – (CVE-2020-27779) CVE-2020-27779 grub2: cutmem command allows privileged user to remove memory regions when Secure Bo

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">178614</a> Debian Security Update for grub2 (DSA 4867-1)
<a href="#">178629</a> Debian Security Update for grub2 (DSA 4867-1)
<a href="#">198410</a> Ubuntu Security Notification for GRUB 2 vulnerabilities (USN-4992-1)
<a href="#">239315</a> Red Hat Update for shim (RHSA-2021:1734)
<a href="#">239469</a> Red Hat Update for fwupd (RHSA-2021:2566)
<a href="#">239494</a> Red Hat Update for shim and fwupd (RHSA-2021:2790)
<a href="#">239657</a> Red Hat Update for shim and fwupd (RHSA-2021:3675)
<a href="#">281363</a> Fedora Security Update for efi (FEDORA-2021-cab258a413)
<a href="#">352490</a> Amazon Linux Security Advisory for grub2: ALAS2-2021-1684
<a href="#">377367</a> Alibaba Cloud Linux Security Update for grub2 (ALINUX3-SA-2021:0026)
<a href="#">377414</a> Alibaba Cloud Linux Security Update for fwupd (ALINUX3-SA-2021:0048)
<a href="#">377548</a> Alibaba Cloud Linux Security Update for grub2 (ALINUX2-SA-2021:0020)
<a href="#">502730</a> Alpine Linux Security Update for grub
<a href="#">670282</a> EulerOS Security Update for grub2 (EulerOS-SA-2021-1794)
<a href="#">670349</a> EulerOS Security Update for grub2 (EulerOS-SA-2021-1875)
<a href="#">670376</a> EulerOS Security Update for grub2 (EulerOS-SA-2021-1948)
<a href="#">670398</a> EulerOS Security Update for grub2 (EulerOS-SA-2021-1927)
<a href="#">670460</a> EulerOS Security Update for grub2 (EulerOS-SA-2021-2218)
<a href="#">670618</a> EulerOS Security Update for grub2 (EulerOS-SA-2021-2376)
<a href="#">670931</a> EulerOS Security Update for grub2 (EulerOS-SA-2021-1875)
<a href="#">672656</a> EulerOS Security Update for grub2 (EulerOS-SA-2023-1386)
<a href="#">672662</a> EulerOS Security Update for grub2 (EulerOS-SA-2023-1358)
<a href="#">710015</a> Gentoo Linux GRUB Multiple Vulnerabilities (GLSA 202104-05)
<a href="#">730228</a> McAfee Web Gateway Multiple Vulnerabilities (WP-3445, WP-3483, WP-3527, WP-3528, WP-3547, WP-3584, WP-3589, WP-3611)
<a href="#">750300</a> OpenSUSE Security Update for grub2 (openSUSE-SU-2021:0462-1)
<a href="#">900055</a> CBL-Mariner Linux Security Update for grub2 2.06~rc1
<a href="#">901781</a> Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (6464-1)
<a href="#">902832</a> Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (3946)

<a href="#">906098</a> Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (3946-1)
<a href="#">906457</a> Common Base Linux Mariner (CBL-Mariner) Security Update for grub2 (6464-2)
<a href="#">940046</a> AlmaLinux Security Update for fwupd (ALSA-2021:2566)
<a href="#">940314</a> AlmaLinux Security Update for shim (ALSA-2021:1734)
<a href="#">940320</a> AlmaLinux Security Update for grub2 (ALSA-2021:0696)
<a href="#">960461</a> Rocky Linux Security Update for shim (RLSA-2021:1734)
<a href="#">960826</a> Rocky Linux Security Update for fwupd (RLSA-2021:2566)

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