



CVE-2020-27815

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

Summary

CVE	CVE-2020-27815
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-05-26 13:15:00 UTC
Updated	2023-07-28 19:32:00 UTC
Description	A flaw was found in the JFS filesystem code in the Linux Kernel which allows a local attacker with the ability to set extended

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.9.6	All	All	All
Hardware	Netapp	Aff A250	-	All	All	All
Operating System	Netapp	Aff A250 Firmware	-	All	All	All
Hardware	Netapp	Fas500f	-	All	All	All
Operating System	Netapp	Fas500f Firmware	-	All	All	All
Hardware	Netapp	H300e	-	All	All	All
Operating System	Netapp	H300e Firmware	-	All	All	All
Hardware	Netapp	H300s	-	All	All	All
Operating System	Netapp	H300s Firmware	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Hardware	Netapp	H410s	-	All	All	All
Operating System	Netapp	H410s Firmware	-	All	All	All
Hardware	Netapp	H500e	-	All	All	All

Operating System	Netapp	H500e Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700e	-	All	All	All
Operating System	Netapp	H700e Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All
Operating System	Netapp	H700s Firmware	-	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 2557-1] linux-4.19 security update	MLIST	lists.debian.org	
[SECURITY] [DLA 2586-1] linux security update	MLIST	lists.debian.org	
oss-security - CVE-2020-27815 Linux kernel: jfs: array-index-out-of-bounds in dbAdjTree	MISC	www.openwall.com	
Debian -- Security Information -- DSA-4843-1 linux	DEBIAN	www.debian.org	
oss-security - Re: CVE-2020-27815 Linux kernel: jfs: array-index-out-of-bounds in dbAdjTree	MISC	www.openwall.com	
oss-security - CVE-2020-27815 Linux kernel: jfs: array-index-out-of-bounds in dbAdjTree	MLIST	www.openwall.com	
oss-security - Re: CVE-2020-27815 Linux kernel: jfs: array-index-out-of-bounds in dbAdjTree	MLIST	www.openwall.com	
Invalid Bug ID	MISC	bugzilla.redhat.com	
Invalid Bug ID	MISC	bugzilla.redhat.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
CVE-2020-27815 Linux Kernel Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
oss-security - Re: CVE-2020-27815 Linux kernel: jfs: array-index-out-of-bounds in dbAdjTree	MISC	www.openwall.com	
oss-security - CVE-2020-27815 Linux kernel: jfs: array-index-out-of-bounds in dbAdjTree	MISC	www.openwall.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

[174896](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1177-1)

[174897](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1175-1)

[174916](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1210-1)

[174917](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1211-1)

[174919](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1238-1)

353100 Amazon Linux Security Advisory for kernel : ALAC2012-2021-024
353101 Amazon Linux Security Advisory for kmod-mlx5 : ALAC2012-2021-025
353102 Amazon Linux Security Advisory for kmod-sfc : ALAC2012-2021-026
353132 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-019
6140053 AWS Bottlerocket Security Update for kernel (GHSA-4vjm-vp49-g4rx)
670269 EulerOS Security Update for kernel (EulerOS-SA-2021-1808)
670463 EulerOS Security Update for kernel (EulerOS-SA-2021-2221)
670634 EulerOS Security Update for kernel (EulerOS-SA-2021-2392)
750004 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1573-1)
750006 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1596-1)
750015 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1624-1)
750199 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0758-1)
750276 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0532-1)
750650 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1975-1)
750652 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1977-1)
750762 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1977-1)
750766 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1975-1)
907359 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31148)
907564 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31148-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, 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](#)