# CVE-2023-2124

MITRE | NVD | CVE.ORG | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2023-2124 |
| **State** | PUBLIC |
| **Assigner** | secalert@redhat.com |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2023-05-15 22:15:00 UTC |
| **Updated** | 2024-02-01 01:35:00 UTC |
| **Description** | An out-of-bounds memory access flaw was found in the Linux kernel's XFS file system in how a user restores an XFS imag |

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Debian | Debian Linux | 11.0 | All | All | All |
| Operating System | Debian | Debian Linux | 12.0 | All | All | All |
| Operating System | Linux | Linux Kernel | All | All | All | All |
| Operating System | Linux | Linux Kernel | All | 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 | H500s | - | All | All | All |
| Operating System | Netapp | H500s Firmware | - | All | All | All |
| Hardware | Netapp | H700s | - | All | All | All |
| Operating System | Netapp | H700s Firmware | - | All | All | All |

## References

| Reference | Source | Link | Tags |
|---|---|---|---|

| | | | |
|---|---|---|---|
| kernel/git/torvalds/linux.git - Linux kernel source tree | MISC | git.kernel.org | |
| Debian -- Security Information -- DSA-5480-1 linux | DEBIAN | www.debian.org | |
| KASAN: use-after-free Read in xfs_btree_lookup_get_block | MISC | syzkaller.appspot.com | |
| Debian -- Security Information -- DSA-5448-1 linux | DEBIAN | www.debian.org | |
| [SECURITY] [DLA 3623-1] linux-5.10 security update | MLIST | lists.debian.org | |
| CVE-2023-2124 Linux Kernel Vulnerability in NetApp Products \| NetApp Product Security | CONFIRM | security.netapp.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, a |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

160806 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-3723)

160859 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-4517)

199452 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6206-1)

199464 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6224-1)

199468 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6228-1)

199469 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6231-1)

199521 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6235-1)

199615 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6252-1)

199617 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6254-1)

199650 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6284-1)

199669 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6301-1)

199670 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6300-1)

241733 Red Hat Update for kernel (RHSA-2023:3723)

241740 Red Hat Update for kernel-rt (RHSA-2023:3708)

241823 Red Hat Update for kernel (RHSA-2023:4137)

241830 Red Hat Update for kernel-rt (RHSA-2023:4138)

241926 Red Hat Update for kernel (RHSA-2023:4515)

241927 Red Hat Update for kernel-rt (RHSA-2023:4541)

241936 Red Hat Update for kernel (RHSA-2023:4517)

283979 Fedora Security Update for kernel (FEDORA-2023-00393126a0)

283980 Fedora Security Update for kernel (FEDORA-2023-dfd4a6e8f2)

284139 Fedora Security Update for kernel (FEDORA-2023-26325e5399)

354903 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-031

354904 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-044

354905 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-017

354913 Amazon Linux Security Advisory for kernel : ALAS2-2023-2027

354923 Amazon Linux Security Advisory for kernel : ALAS-2023-1735

355254 Amazon Linux Security Advisory for kernel : ALAS2023-2023-169

355445 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-006

355446 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-008

355448 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-009

355449 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-007

355529 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-132

355530 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-133

378710 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)

378889 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0036)

379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)

6000207 Debian Security Update for linux (DSA 5448-1)

6000212 Debian Security Update for linux (DSA 5480-1)

6000265 Debian Security Update for linux-5.10 (DLA 3623-1)

6140327 AWS Bottlerocket Security Update for kernel (GHSA-9xq2-9gvm-h3gj)

673232 EulerOS Security Update for kernel (EulerOS-SA-2023-2357)

673272 EulerOS Security Update for kernel (EulerOS-SA-2023-2584)

673372 EulerOS Security Update for kernel (EulerOS-SA-2023-2787)

673393 EulerOS Security Update for kernel (EulerOS-SA-2023-2647)

673498 EulerOS Security Update for kernel (EulerOS-SA-2023-3132)

673970 EulerOS Security Update for kernel (EulerOS-SA-2023-2879)

674113 EulerOS Security Update for kernel (EulerOS-SA-2023-2689)

753980 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2151-1)

753982 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2148-1)

753985 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2162-1)

754005 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2163-1)

754023 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2232-1)

754145 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2651-1)

755851 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)

907142 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26773-1)

907179 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26781-1)

941166 AlmaLinux Security Update for kernel (ALSA-2023:3723)

941167 AlmaLinux Security Update for kernel-rt (ALSA-2023:3708)

941227 AlmaLinux Security Update for kernel (ALSA-2023:4517)

941228 AlmaLinux Security Update for kernel-rt (ALSA-2023:4541)

961032 Rocky Linux Security Update for kernel (RLSA-2023:4517)

961046 Rocky Linux Security Update for kernel-rt (RLSA-2023:4541)