# CVE-2020-9391

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

## Summary

| | |
|---|---|
| **CVE** | CVE-2020-9391 |
| **State** | PUBLIC |
| **Assigner** | cve@mitre.org |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2020-02-25 18:15:00 UTC |
| **Updated** | 2023-11-07 03:26:00 UTC |
| **Description** | An issue was discovered in the Linux kernel 5.4 and 5.5 through 5.5.6 on the AArch64 architecture. It ignores the top byte i |

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Operating System | Fedoraproject | Fedora | 31 | All | All | All |
| Operating System | Fedoraproject | Fedora | 31 | All | All | All |
| Operating System | Linux | Linux Kernel | 5.4 | All | All | All |
| Operating System | Linux | Linux Kernel | 5.4 | All | All | All |
| Operating System | Linux | Linux Kernel | All | All | All | All |
| Application | Netapp | Active Iq Unified Manager | - | All | All | All |
| Application | Netapp | Cloud Backup | - | All | All | All |
| Application | Netapp | Data Availability Services | - | All | All | All |
| Hardware | Netapp | H410c | - | All | All | All |
| Operating System | Netapp | H410c Firmware | - | All | All | All |
| Application | Netapp | Hci Management Node | - | All | All | All |
| Application | Netapp | Solidfire | - | All | All | All |
| Application | Netapp | Steelstore Cloud Integrated Storage | - | All | All | All |

## References

| Reference | Source | Link |
|---|---|---|
| [SECURITY] Fedora 31 Update: kernel-5.5.6-201.fc31 - package-announce - Fedora Mailing-Lists | FEDORA | lists |

| | | |
|---|---|---|
| [SECURITY] Fedora 31 Update: kernel-5.5.6-201.fc31 - package-announce - Fedora Mailing-Lists | | lists |
| kernel/git/torvalds/linux.git - Linux kernel source tree | MISC | git.k |
| 1797052 – CVE-2020-9391 kernel: brk discards top byte of addresses on aarch64, causing heap corruption in glibc malloc | MISC | bug |
| oss-security - CVE-2020-9391: Ignoring the top byte of addresses in brk causes heap corruption (AArch64) | MLIST | ww |
| February 2020 Linux Kernel Vulnerabilities in NetApp Products \| NetApp Product Security | CONFIRM | sec |
| CVE Program record | CVE.ORG | ww |
| NVD vulnerability detail | NVD | nvd |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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**Free CVE JSON API** cve.report/api

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