



# CVE-2019-25051

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2019-25051   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2021-07-20 07:15:00 UTC  |
| <b>Updated</b>         | 2023-11-07 03:09:00 UTC  |
| <b>Description</b>     | objstack in GNU Aspell 0.60.8 has a heap-based buffer overflow in acommon::ObjStack::dup_top (called from acommon::S |

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                        | Product                      | Version | Update | Edition | Language |
|------------------|-------------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Debian</a>        | <a href="#">Debian Linux</a> | 10.0    | All    | All     | All      |
| Operating System | <a href="#">Debian</a>        | <a href="#">Debian Linux</a> | 9.0     | All    | All     | All      |
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>       | 34      | All    | All     | All      |
| Application      | <a href="#">Gnu</a>           | <a href="#">Aspell</a>       | 0.60.8  | All    | All     | All      |

## References

| Reference  | Source  | Link  | Tags |
|--|---------|---|------|
| [SECURITY] [DLA 2720-1] aspell security update   | MLIST   | <a href="https://lists.debian.org">lists.debian.org</a>               |      |
| 18462 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail                                       | MISC    | <a href="https://bugs.chromium.org">bugs.chromium.org</a>             |      |
| [SECURITY] Fedora 34 Update: aspell-0.60.8-7.fc34 - package-announce - Fedora Mailing-Lists      | FEDORA  | <a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> |      |
| [SECURITY] Fedora 34 Update: aspell-0.60.8-7.fc34 - package-announce - Fedora Mailing-Lists      |         | <a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a> |      |
| oss-fuzz-vulns/OSV-2020-521.yaml at main · google/oss-fuzz-vulns · GitHub                        | MISC    | <a href="https://github.com">github.com</a>                           |      |
| objstack: assert that the alloc size will fit within a chunk · GNUAspell/aspell@0718b37 · GitHub | MISC    | <a href="https://github.com">github.com</a>                           |      |
| Debian -- Security Information -- DSA-4948-1 aspell  | DEBIAN  | <a href="https://www.debian.org">www.debian.org</a>                   |      |
| CVE Program record   | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>                         | cano |
| NVD vulnerability detail   | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a>                       | cano |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

|  |
|--|
| 159806 Oracle Enterprise Linux Security Update for aspell (ELSA-2022-1808)                   |
| 178724 Debian Security Update for aspell (DLA 2720-1)  |
| 178730 Debian Security Update for aspell (DSA 4948-1)  |
| 198443 Ubuntu Security Notification for Aspell vulnerability (USN-5023-1)                    |
| 240310 Red Hat Update for aspell (RHSA-2022:1808)  |
| 281750 Fedora Security Update for aspell (FEDORA-2021-69de7c7ca4)                            |
| 296060 Oracle Solaris 11.4 Support Repository Update (SRU) 37.0.1.101.1 Missing (CPUJUL2021) |
| 355769 Amazon Linux Security Advisory for aspell : ALAS2-2023-2199                           |
| 500031 Alpine Linux Security Update for aspell   |
| 503719 Alpine Linux Security Update for aspell   |
| 710878 Gentoo Linux GNU Aspell Heap Buffer Overflow Vulnerability (GLSA 202402-31)           |
| 751000 OpenSUSE Security Update for aspell (openSUSE-SU-2021:1181-1)                         |
| 751011 OpenSUSE Security Update for aspell (openSUSE-SU-2021:2794-1)                         |
| 751039 SUSE Enterprise Linux Security Update for aspell (SUSE-SU-2021:2848-1)                |
| 901935 Common Base Linux Mariner (CBL-Mariner) Security Update for aspell (7169)             |
| 904367 Common Base Linux Mariner (CBL-Mariner) Security Update for aspell (11363)            |
| 904412 Common Base Linux Mariner (CBL-Mariner) Security Update for aspell (11363-1)          |
| 940563 AlmaLinux Security Update for aspell (ALSA-2022:1808)                                 |
| 960136 Rocky Linux Security Update for aspell (RLSA-2022:1808)                               |

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