



# CVE-2015-4041

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2015-4041  |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2020-01-24 17:15:00 UTC  |
| <b>Updated</b>         | 2020-02-01 17:33:00 UTC  |
| <b>Description</b>     | The keycompare_mb function in sort.c in sort in GNU Coreutils through 8.23 on 64-bit platforms performs a size calculation |

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor | Product   | Version | Update | Edition | Language |
|-------------|--------|-----------|---------|--------|---------|----------|
| Application | Gnu    | Coreutils | All     | All    | All     | All      |

## References

| Reference   | Source  |
|---|---------|
| sort: fix buffer overflow with some case conversions · pixelb/coreutils@bea5e36 · GitHub                                  | MISC    |
| Bug 928749 – VUL-1: CVE-2015-4041, CVE-2015-4042: coreutils: memory handling error with case insensitive sort using UTF-8 | MISC    |
| oss-security - coreutils sort heap overflow   | MISC    |
| CVE Program record  | CVE.ORG |
| NVD vulnerability detail  | 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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