



# CVE-2016-8689

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2016-8689  |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2017-02-15 19:59:00 UTC  |
| <b>Updated</b>         | 2018-11-30 11:29:00 UTC  |
| <b>Description</b>     | The read_Header function in archive_read_support_format_7zip.c in libarchive 3.2.1 allows remote attackers to cause a de |

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                     | Product                    | Version | Update | Edition | Language |
|------------------|----------------------------|----------------------------|---------|--------|---------|----------|
| Application      | <a href="#">Libarchive</a> | <a href="#">Libarchive</a> | 3.2.1   | All    | All     | All      |
| Application      | <a href="#">Libarchive</a> | <a href="#">Libarchive</a> | 3.2.1   | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>   | <a href="#">Leap</a>       | 42.2    | All    | All     | All      |
| Operating System | <a href="#">Opensuse</a>   | <a href="#">Leap</a>       | 42.2    | All    | All     | All      |

## References

### Reference

- [libarchive: bsdtar: heap-based buffer overflow in read\\_Header \(archive\\_read\\_support\\_format\\_7zip.c\) | agostino's blog](#)
- [openSUSE-SU-2016:3002-1: moderate: Security update for libarchive](#)
- [Issue 761: Heap overflow reading corrupted 7Zip files · libarchive/libarchive@7f17c79 · GitHub](#)
- [libarchive Multiple Security Vulnerabilities](#)
- [oss-security - Re: Libarchive/bsdtar: multiple crashes](#)
- [libarchive: Multiple vulnerabilities \(GLSA 201701-03\) — Gentoo security](#)
- [1377925 – \(CVE-2016-8689\) CVE-2016-8689 libarchive: heap based buffer overflow in read\\_header \(archive\\_read\\_support\\_format\\_7zip.c\)](#)
- [\[SECURITY\] \[DLA 1600-1\] libarchive security update](#)
- [CVE Program record](#)
- [NVD vulnerability detail](#)

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[710502](#) Gentoo Linux libarchive Multiple Vulnerabilities (GLSA 201701-03)

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