



# CVE-2016-8859

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

## Summary

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2016-8859                                                                                                               |
| <b>State</b>           | PUBLIC                                                                                                                      |
| <b>Assigner</b>        | cve@mitre.org                                                                                                               |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                |
| <b>Published</b>       | 2017-02-13 18:59:00 UTC                                                                                                     |
| <b>Updated</b>         | 2020-07-27 03:15:00 UTC                                                                                                     |
| <b>Description</b>     | Multiple integer overflows in the TRE library and musl libc allow attackers to cause memory corruption via a large number o |

## Risk And Classification

### Problem Types: CWE-190

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                  | Product              | Version | Update | Edition | Language |
|-------------|-------------------------|----------------------|---------|--------|---------|----------|
| Application | <a href="#">Etalabs</a> | <a href="#">Musl</a> | All     | All    | All     | All      |

## References

| Reference                                                                                            | Source  | Link                                  |
|------------------------------------------------------------------------------------------------------|---------|---------------------------------------|
| [security-announce] openSUSE-SU-2020:0554-1: important: Security update                              | SUSE    | <a href="#">lists.opensuse.org</a>    |
| oss-security - CVE Request - TRE & musl libc regex integer overflows in buffer size computations     | MLIST   | <a href="#">www.openwall.com</a>      |
| oss-security - Re: CVE Request - TRE & musl libc regex integer overflows in buffer size computations | MLIST   | <a href="#">www.openwall.com</a>      |
| musl libc 'tre_tnfa_run_parallel()' Function Integer Overflow Vulnerability                          | BID     | <a href="#">www.securityfocus.com</a> |
| TRE: Multiple vulnerabilities (GLSA 202007-43) — Gentoo security                                     | GENTOO  | <a href="#">security.gentoo.org</a>   |
| musl: Integer overflow (GLSA 201701-11) — Gentoo security                                            | GENTOO  | <a href="#">security.gentoo.org</a>   |
| CVE Program record                                                                                   | CVE.ORG | <a href="#">www.cve.org</a>           |
| NVD vulnerability detail                                                                             | NVD     | <a href="#">nvd.nist.gov</a>          |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[500413](#) Alpine Linux Security Update for musl

[504171](#) Alpine Linux Security Update for musl

[710450](#) Gentoo Linux musl Integer overflow Vulnerability (GLSA 201701-11)

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