



# CVE-2019-14872

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

## Summary

|                        |                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-14872                                                                                                                 |
| <b>State</b>           | PUBLIC                                                                                                                         |
| <b>Assigner</b>        | secalert@redhat.com                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                   |
| <b>Published</b>       | 2020-03-19 13:15:00 UTC                                                                                                        |
| <b>Updated</b>         | 2020-03-24 18:08:00 UTC                                                                                                        |
| <b>Description</b>     | The _dtoa_r function of the newlib libc library, prior to version 3.3.0, performs multiple memory allocations without checking |

## Risk And Classification

### Problem Types: CWE-476

## NVD Known Affected Configurations (CPE 2.3)

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

## References

| Reference                  | Source  | Link                            | Tags                          |
|----------------------------|---------|---------------------------------|-------------------------------|
| CENSUS   IT Security Works | CONFIRM | <a href="#">census-labs.com</a> | Exploit, Third Party Advisory |
| CVE Program record         | CVE.ORG | <a href="#">www.cve.org</a>     | canonical                     |
| NVD vulnerability detail   | NVD     | <a href="#">nvd.nist.gov</a>    | canonical, analysis           |

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](https://cve.report/api)

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