



# CVE-2019-11371

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

## Summary

|                        |                                                                                                                          |
|------------------------|--------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-11371                                                                                                           |
| <b>State</b>           | PUBLIC                                                                                                                   |
| <b>Assigner</b>        | cve@mitre.org                                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                             |
| <b>Published</b>       | 2019-04-20 18:29:00 UTC                                                                                                  |
| <b>Updated</b>         | 2021-07-21 11:39:00 UTC                                                                                                  |
| <b>Description</b>     | BWA (aka Burrow-Wheeler Aligner) 0.7.17 r1198 has a Buffer Overflow via a long prefix that is mishandled in bns_fasta2bn |

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                                         | Product                                | Version | Update | Edition | Language |
|-------------|------------------------------------------------|----------------------------------------|---------|--------|---------|----------|
| Application | <a href="#">Burrow-wheeler Aligner Project</a> | <a href="#">Burrow-wheeler Aligner</a> | 0.7.17  | r1198  | All     | All      |
| Application | <a href="#">Burrow-wheeler Aligner Project</a> | <a href="#">Burrow-wheeler Aligner</a> | 0.7.17  | r1198  | All     | All      |

## References

| Reference                                                                                  | Source  | Link                         | Tags                 |
|--------------------------------------------------------------------------------------------|---------|------------------------------|----------------------|
| [bwa_index] Pack FASTA... *** buffer overflow detected *** · Issue #239 · lh3/bwa · GitHub | MISC    | <a href="#">github.com</a>   | 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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