



# CVE-2019-10758

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

## Summary

|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-10758                                                                                                        |
| <b>State</b>           | PUBLIC                                                                                                                |
| <b>Assigner</b>        | report@snyk.io                                                                                                        |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                          |
| <b>Published</b>       | 2019-12-24 22:15:00 UTC                                                                                               |
| <b>Updated</b>         | 2020-01-02 21:05:00 UTC                                                                                               |
| <b>Description</b>     | mongo-express before 0.54.0 is vulnerable to Remote Code Execution via endpoints that uses the `toBSON` method. A mis |

## Risk And Classification

**EPSS:** 0.943520000 probability, percentile 0.999600000 (date 2026-05-10)

**CISA KEV:** Listed on 2021-12-10; due 2022-06-10; ransomware use Unknown

**Problem Types:** NVD-CWE-noinfo

## CISA Known Exploited Vulnerability

|                        |                                                                                                               |
|------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Vendor</b>          | MongoDB                                                                                                       |
| <b>Product</b>         | mongo-express                                                                                                 |
| <b>Name</b>            | MongoDB mongo-express Remote Code Execution Vulnerability                                                     |
| <b>Required Action</b> | Apply updates per vendor instructions.                                                                        |
| <b>Notes</b>           | <a href="https://nvd.nist.gov/vuln/detail/CVE-2019-10758">https://nvd.nist.gov/vuln/detail/CVE-2019-10758</a> |

## NVD Known Affected Configurations (CPE 2.3)

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

## References

| Reference                                           | Source  | Link                                            | Tags                          |
|-----------------------------------------------------|---------|-------------------------------------------------|-------------------------------|
| Remote Code Execution (RCE) in mongo-express   Snyk | MISC    | <a href="https://snyk.io">snyk.io</a>           | Exploit, Third Party Advisory |
| CVE Program record                                  | CVE.ORG | <a href="https://www.cve.org">www.cve.org</a>   | canonical                     |
| NVD vulnerability detail                            | NVD     | <a href="https://nvd.nist.gov">nvd.nist.gov</a> | canonical, analysis           |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[983474](#) Nodejs (npm) Security Update for mongo-express (GHSA-h47j-hc6x-h3qq)

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