



# CVE-2021-4239

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

## Summary

|                        |                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2021-4239                                                                                                           |
| <b>State</b>           | PUBLIC                                                                                                                  |
| <b>Assigner</b>        | security@golang.org                                                                                                     |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                            |
| <b>Published</b>       | 2022-12-27 22:15:00 UTC                                                                                                 |
| <b>Updated</b>         | 2023-01-06 01:30:00 UTC                                                                                                 |
| <b>Description</b>     | The Noise protocol implementation suffers from weakened cryptographic security after encrypting 2^64 messages, and a po |

## Risk And Classification

### Problem Types: CWE-311

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor        | Product | Version | Update | Edition | Language |
|-------------|---------------|---------|---------|--------|---------|----------|
| Application | Noiseprotocol | Noise   | -       | All    | All     | All      |

## References

| Reference                                                                | Source  | Link                         | Tags                |
|--------------------------------------------------------------------------|---------|------------------------------|---------------------|
| GO-2022-0425 - Go Packages                                               | MISC    | <a href="#">pkg.go.dev</a>   |                     |
| Fix nonce handling by titanous · Pull Request #44 · flynn/noise · GitHub | MISC    | <a href="#">github.com</a>   |                     |
| 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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