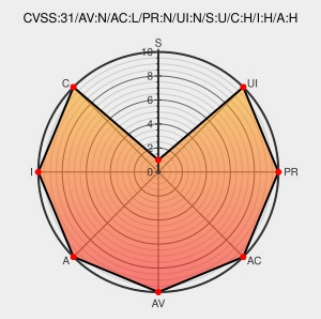
# CVE-2023-28115

Published on: Not Yet Published

Last Modified on: 03/24/2023 04:40:00 PM UTC

## CVE-2023-28115 - advisory for GHSA-gq6w-q6wh-jggc

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Snappy from Knplabs contain the following vulnerability:

Snappy is a PHP library allowing thumbnail, snapshot or PDF generation from a url or a html page. Prior to version 1.4.2, Snappy is vulnerable to PHAR deserialization due to a lack of checking on the protocol before passing it into the `file_exists()` function. If an attacker can upload files of any type to the server he can pass in the phar:// protocol to unserialize the uploaded file and instantiate arbitrary PHP objects. This can lead to remote code execution especially when snappy is used with frameworks with documented POP chains like Laravel/Symfony vulnerable developer code. If a user can control the output file from the `generateFromHtml()` function, it will invoke deserialization. This vulnerability is capable of remote code execution if Snappy is used with frameworks or developer code with vulnerable POP chains. It has been fixed in version 1.4.2.

CVE-2023-28115 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **KnpLabs** - **snappy** version **= < 1.4.2**

### CVSS3 Score: 9.8 - CRITICAL

| Attack Vector | Attack Complexity | Privileges Required | User Interaction |
|---|---|---|---|
| NETWORK | LOW | NONE | NONE |
| **Scope** | **Confidentiality Impact** | **Integrity Impact** | **Availability Impact** |
| UNCHANGED | HIGH | HIGH | HIGH |

### CVE References

| Description | Tags | Link |
|---|---|---|
| fix: security issue GHSA-gq6w-q6wh-jggc · KnpLabs/snappy@1ee6360 · GitHub | github.com text/html | MISC github.com/KnpLabs/snappy/commit/1ee6360cbdbea5d09705909 |

| | | |
|---|---|---|
| Merge pull request #469 from KnpLabs/fix/GHSA-gq6w-q6wh-jggc · KnpLabs/snappy@b66f793 · GitHub | github.com text/html | MISC github.com/KnpLabs/snappy/commit/b66f79334421c26d9c244427 |
| snappy/AbstractGenerator.php at 5126fb5b335ec929a226314d40cd8dad497c3d67 · KnpLabs/snappy · GitHub | github.com text/html | MISC github.com/KnpLabs/snappy/blob/5126fb5b335ec929a226314d40cd8dad49 |
| PHAR deserialization allowing remote code execution · Advisory · KnpLabs/snappy · GitHub | github.com text/html | MISC github.com/KnpLabs/snappy/security/advisories/GHSA-gq6w-q6wl |
| Release v1.4.2 · KnpLabs/snappy · GitHub | github.com text/html | MISC github.com/KnpLabs/snappy/releases/tag/v1.4.2 |
| fix: security issue GHSA-gq6w-q6wh-jggc by AntoineLelaisant · Pull Request #469 · KnpLabs/snappy · GitHub | github.com text/html | MISC github.com/KnpLabs/snappy/pull/469 |



There are currently no QIDs associated with this CVE

## Known Affected Configurations (CPE V2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Knplabs | Snappy | All | All | All | All |

cpe:2.3:a:knplabs:snappy:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

## Social Mentions

| Source | Title | Posted (UTC) |
|---|---|---|
| @CVEreport | CVE-2023-28115 : Snappy is a PHP library allowing thumbnail, snapshot or PDF generation from a url or a html page.… twitter.com/i/web/status/1… | 2023-03-17 22:02:33 |
| @Robo_Alerts | Potentially Critical CVE Detected! CVE-2023-28115 Snappy is a PHP library allowing thumbnail, snapshot or PDF gener… twitter.com/i/web/status/1… | 2023-03-17 22:56:00 |
| /r/netcve | CVE-2023-28115 | 2023-03-17 22:38:17 |

← Previous ID

Next ID→

**CVE.report and Source URL Uptime Status status.cve.report**