



# CVE-2019-14373

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## CVE-2019-14373

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Flif](#) from [Flif](#) contain the following vulnerability:

An issue was discovered in image\_save\_png in image/image-png.cpp in Free Lossless Image Format (FLIF) 0.3. Attackers can trigger a heap-based buffer over-read in libpng via a crafted flif file.

CVE-2019-14373 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **6.8 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                  | Tags                                                                                                                                                         | Link                                                     |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| heap-buffer-overflow in png_set_text_2 · Issue #541 · FLIF-hub/FLIF · GitHub | <a href="#">Exploit</a><br><a href="#">Issue Tracking</a><br><a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/FLIF-hub/FLIF/issues/541</a> |

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

| Type                               | Vendor | Product | Version | Update | Edition | Language |
|------------------------------------|--------|---------|---------|--------|---------|----------|
| Application                        | Flif   | Flif    | 0.3     | All    | All     | All      |
| Application                        | Flif   | Flif    | 0.3     | All    | All     | All      |
| cpe:2.3:a:flif:flif:0.3:*:*:*:*:*: |        |         |         |        |         |          |
| cpe:2.3:a:flif:flif:0.3:*:*:*:*:*: |        |         |         |        |         |          |

No vendor comments have been submitted for this CVE

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