



# CVE-2020-22524

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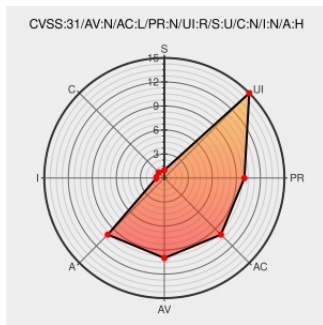
## CVE-2020-22524

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

Buffer Overflow vulnerability in FreeImage\_Load function in FreeImage Library 3.19.0(r1828) allows attackers to cuase a denial of service via crafted PFM file.

CVE-2020-22524 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

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

## CVE References

| Description   | Tags   | Link  |
|---|--|---|
| Just a moment...  | <a href="#">sourceforge.net</a><br><a href="#">text/html</a><br><b>Inactive Link</b> <b>Not Archived</b> | <a href="#">MISC</a><br><a href="https://sourceforge.net/p/freeimage/bugs/319/">sourceforge.net/p/freeimage/bugs/319/</a> |
| [SECURITY] Fedora 39 Update: mingw-freeimage-3.19.0-0.16.svn1909.fc39 - package-announce - Fedora Mailing-Lists | <a href="#">lists.fedoraproject.org</a><br><a href="#">text/html</a>                                     | <a href="#">FEDORA FEDORA-2023-2840932fa8</a>   |
| [SECURITY] Fedora 38 Update: freeimage-3.19.0-0.19.svn1909.fc38 - package-announce - Fedora Mailing-Lists       | <a href="#">lists.fedoraproject.org</a><br><a href="#">text/html</a>                                     | <a href="#">FEDORA FEDORA-2023-a8b26b910d</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  | <a href="#">Freeimage Project</a> | <a href="#">Freeimage</a> | 3.19.0  | All    | All     | All      |
| <code>cpe:2.3:a:freeimage_project:freeimage:3.19.0:*:*:*:*:*:</code> |                                   |                           |         |        |         |          |

No vendor comments have been submitted for this CVE

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