



# CVE-2019-12212

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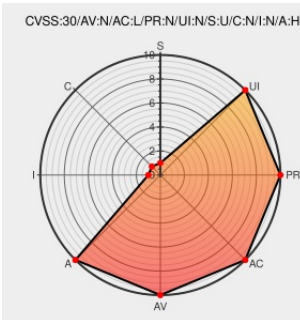
## CVE-2019-12212

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

When FreeImage 3.18.0 reads a special JXR file, the StreamCalcIFDSize function of JXRMeta.c repeatedly calls itself due to improper processing of the file, eventually causing stack exhaustion. An attacker can achieve a remote denial of service attack by sending a specially constructed file.

CVE-2019-12212 has been assigned by [M](#) [cve@mitre.org](mailto:cve@mitre.org) to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>
Confidentiality Impact	Integrity Impact	Availability Impact
<b>NONE</b>	<b>NONE</b>	<b>PARTIAL</b>

## CVE References

Description	Tags	Link
FreeImage / Discussion / Developers:Three vulnerabilities about freeimage3.18	<a href="#">Exploit</a> <a href="#">Third Party Advisory</a> <a href="#">sourceforge.net</a>	<a href="#">MISC</a> <a href="https://sourceforge.net/p/freeimage/discussion/36111/thread/e06734bed5/">sourceforge.net/p/freeimage/discussion/36111/thread/e06734bed5/</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>	3.18.0	All	All	All
Application	<a href="#">Freeimage Project</a>	<a href="#">Freeimage</a>	3.18.0	All	All	All

`cpe:2.3:a:freeimage_project:freeimage:3.18.0:****:*:*:`

`cpe:2.3:a:freeimage_project:freeimage:3.18.0:****:*:*:`

No vendor comments have been submitted for this CVE

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