



CVE-2019-12213

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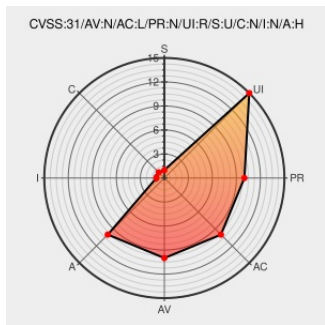
CVE-2019-12213

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

When FreeImage 3.18.0 reads a special TIFF file, the TIFFReadDirectory function in PluginTIFF.cpp always returns 1, leading to stack exhaustion.

CVE-2019-12213 has been assigned by [M cve@mitre.org](mailto:M@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
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Bugtraq: [SECURITY] [DSA 4593-1] freeimage security update	seclists.org text/html	BUGTRAQ 20191229 [SECURITY] [DSA 4593-1] freeimage security update
FreeImage: Multiple vulnerabilities (GLSA 202107-02) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-202107-02


[SECURITY] Fedora 30 Update: mingw-freeimage-3.18.0-7.fc30 - package-announce - Fedora Mailing-Lists

[lists.fedoraproject.org](https://lists.fedoraproject.org/text/html)
text/html

 FEDORA FEDORA-2019-76f546b7b8

FreeImage / Discussion / Developers:Three vulnerabilities about freeimage3.18

[Exploit](#)
[Third Party Advisory](#)
sourceforge.net
text/html

 MISC
sourceforge.net/p/freeimage/discussion/36111/thread/e06734bed5/


USN-4529-1: FreeImage vulnerabilities | Ubuntu security notices | Ubuntu

usn.ubuntu.com
text/html

 UBUNTU USN-4529-1

[SECURITY] [DLA 2031-1] freeimage security update

lists.debian.org
text/html

 MLIST [debian-lts-announce] 20191210 [SECURITY] [DLA 2031-1] freeimage security update

[SECURITY] Fedora 31 Update: freeimage-3.18.0-6.fc31 - package-announce - Fedora Mailing-Lists

lists.fedoraproject.org
text/html

 FEDORA FEDORA-2019-655994894e

Debian -- Security Information -- DSA-4593-1 freeimage

www.debian.org
[Deprecated Link](#)
text/html

 DEBIAN DSA-4593

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Related QID Numbers

[500961](#) Alpine Linux Security Update for freeimage

[710073](#) Gentoo Linux FreeImage Multiple vulnerabilities (GLSA 202107-02)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Freeimage Project	Freeimage	3.18.0	All	All	All
Application	Freeimage Project	Freeimage	3.18.0	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:10.0:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:8.0:*:*:*:*:*:*:

cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:30:*:*:*:*:*:*:


cpe:2.3:o:fedoraproject:fedora:31:*:*:*:*:*:*:

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

Social Mentions

Source	Title	Posted (UTC)
 @LinInfoSec	Debian - CVE-2019-12213: sourceforge.net/p/freeimage/di...	2021-07-03 10:35:50

[← Previous ID](#)

[Next ID →](#)

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