CVE-2021-45910

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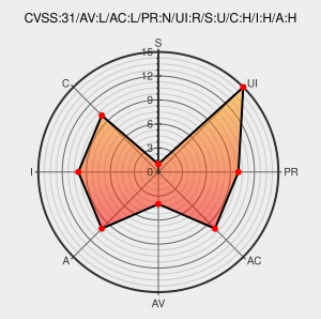

Certain versions of Debian Linux from Debian contain the following vulnerability:

An issue was discovered in gif2apng 1.9. There is a heap-based buffer overflow within the main function. It allows an attacker to write data outside of the allocated buffer. The attacker has control over a part of the address that data is written to, control over the written data, and (to some extent) control over the amount of data that is written.

CVE-2021-45910 has been assigned by 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
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 6.8 - MEDIUM

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

CVE References

Description	Tags	Link
#1002667 - gif2apng: Heap based buffer overflow in the main function - Debian Bug report logs	bugs.debian.org text/html	MISC bugs.debian.org/cgi-bin/bugreport.cgi?bug=1002667
[SECURITY] [DLA 2937-1] gif2apng security update	lists.debian.org	MLIST [debian-lts-announce] 20220307 [SECURITY]

[SECURITY] [DLA 2937-1] gif2apng security update — lists.debian.org — text/html — [DLA 2937-1] gif2apng security update

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Related QID Numbers

179105 Debian Security Update for gif2apng (DLA 2937-1)

181029 Debian Security Update for gif2apng (CVE-2021-45910)

199252 Ubuntu Security Notification for gif2apng Vulnerabilities (USN-5969-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Gif2apng Project	Gif2apng	1.9	All	All	All

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

cpe:2.3:a:gif2apng_project:gif2apng:1.9:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-45910 Description: An issue was discovered in gif2apng 1.9. There is a… twitter.com/i/web/status/1…	2021-12-28 00:56:12
@CVEreport	CVE-2021-45910 : An issue was discovered in gif2apng 1.9. There is a heap-based buffer overflow within the main fun… twitter.com/i/web/status/1…	2021-12-28 01:06:44

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