CVE-2017-16794

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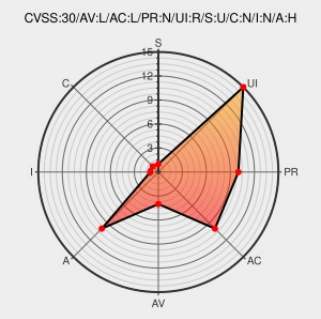

Certain versions of Swftools from Swftools contain the following vulnerability:

The png_load function in lib/png.c in SWFTools 0.9.2 does not properly validate a multiplication of width and bits-per-pixel values, which allows remote attackers to cause a denial of service (heap-based buffer over-read and application crash) via a crafted file, as demonstrated by an erroneous png_load call that occurs because of incorrect integer data types in png2swf.

CVE-2017-16794 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	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
A heapoverflow bug of png2swf. · Issue #50 · matthiaskramm/swftools · GitHub	Issue Tracking, Third Party Advisory	MISC github.com/matthiaskramm/swftools/issues/50

github.com
text/html

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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	Swftools	Swftools	0.9.2	All	All	All
Application	Swftools	Swftools	0.9.2	All	All	All

cpe:2.3:a:swftools:swftools:0.9.2:*:*:*:*:*:*:*

cpe:2.3:a:swftools:swftools:0.9.2:*:*:*:*:*:*:*

No vendor comments have been submitted for this CVE

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