

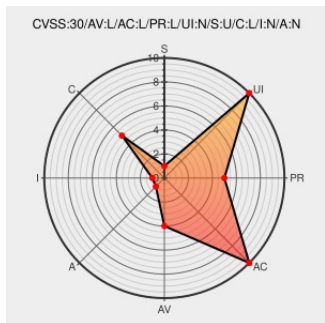


CVE-2017-18196

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CVE-2017-18196

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

Leptonica 1.74.4 constructs unintended pathnames (containing duplicated path components) when operating on files in /tmp subdirectories, which might allow local users to bypass intended file restrictions by leveraging access to a directory located deeper within the /tmp directory tree, as demonstrated by /tmp/ANY/PATH/ANY/PATH/input.tif.

CVE-2017-18196 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as [LOW](#) severity.

CVSS3 Score: [3.3 - LOW](#)

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	LOW	NONE	NONE

CVSS2 Score: [2.1 - LOW](#)

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
#885704 - liblpt5 negatively plays with paths in /tmp when opening TIFFs - Debian Bug report logs	Mailing List Third Party Advisory	@ MISC bugs.debian.org/885704

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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	Leptonica	Leptonica	1.74.4	All	All	All
Application	Leptonica	Leptonica	1.74.4	All	All	All
cpe:2.3:a:leptonica:leptonica:1.74.4:*:*:*:*:*:						
cpe:2.3:a:leptonica:leptonica:1.74.4:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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