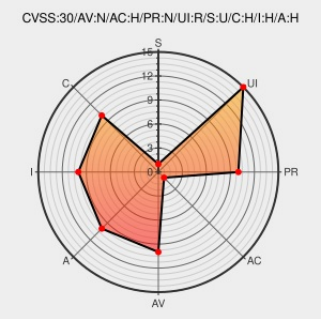
CVE-2019-5086

Published on: 11/21/2019 12:00:00 AM UTC

Last Modified on: 06/21/2022 07:22:00 PM UTC

CVE-2019-5086

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

An exploitable integer overflow vulnerability exists in the flattenIncrementally function in the xcf2png and xcf2pnm binaries of xcftools, version 1.0.7. An integer overflow can occur while walking through tiles that could be exploited to corrupt memory and execute arbitrary code. In order to trigger this vulnerability, a victim would need to open a specially crafted XCF file.

CVE-2019-5086 has been assigned by talos-cna@cisco.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 8.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	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
[SECURITY] [DLA 2553-1] xcftools security update	Mailing List Third Party Advisory	MLIST [debian-lts-announce] 20210210 [SECURITY] [DLA 2553-1] xcftools security update

	lists.debian.org text/html	
TALOS-2019-0878 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory www.talosintelligence.com text/html	MISC www.talosintelligence.com/vulnerability_reports/TALOS-2019-0878
TALOS-2019-0878 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory talosintelligence.com text/html	MISC talosintelligence.com/vulnerability_reports/TALOS-2019-0878
[SECURITY] [DLA 2553-2] xcftools regression update	lists.debian.org text/html	MLIST [debian-lts-announce] 20210308 [SECURITY] [DLA 2553-2] xcftools regression update

Related QID Numbers

199266 Ubuntu Security Notification for Xcftools Vulnerabilities (USN-5988-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Xcftools Project	Xcftools	1.0.7	All	All	All
Application	Xcftools Project	Xcftools	1.0.7	All	All	All

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

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

cpe:2.3:a:xcftools_project:xcftools:1.0.7:*:*:*:*:*:*:*:

cpe:2.3:a:xcftools_project:xcftools:1.0.7:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

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