CVE-2020-36280

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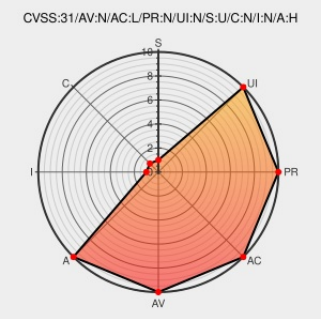
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Fedora from Fedoraproject contain the following vulnerability:

Leptonica before 1.80.0 allows a heap-based buffer over-read in pixReadFromTiffStream, related to tiffio.c.

CVE-2020-36280 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
[SECURITY] Fedora 32 Update: leptonica-1.80.0-3.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org, text/html	FEDORA FEDORA-2021-977ebc82da
Issue 23654 in oss-fuzz: Heap-	Patch	MISC

buffer-overflow in pixReadFromTiffStream · DanBloomberg/leptonica@5ba34b1 · GitHub	Third Party Advisory github.com text/html	github.com/DanBloomberg/leptonica/commit/5ba34b1fe741d69d43a6c8cf76775
[SECURITY] Fedora 33 Update: leptonica-1.80.0-3.fc33 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2021-f5f2803fff
23654 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail	Exploit Third Party Advisory bugs.chromium.org text/html	MISC bugs.chromium.org/p/oss-fuzz/issues/detail?id=23654
Leptonica: Multiple vulnerabilities (GLSA 202107-53) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-202107-53
Comparing 1.79.0...1.80.0 · DanBloomberg/leptonica · GitHub	Release Notes Third Party Advisory github.com text/html	MISC github.com/DanBloomberg/leptonica/compare/1.79.0...1.80.0

Related QID Numbers

281062 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-f5f2803fff)

281063 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-977ebc82da)

281076 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-f5f2803fff)

281077 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-977ebc82da)

281079 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-f5f2803fff)

281080 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-977ebc82da)

281082 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-f5f2803fff)

281083 Fedora Security Update for leptonica and mingw-leptonica (FEDORA-2021-977ebc82da)

281329 Fedora Security Update for leptonica (FEDORA-2021-f5f2803fff)

281330 Fedora Security Update for leptonica (FEDORA-2021-977ebc82da)

710042 Gentoo Linux Leptonica Multiple Vulnerabilities (GLSA 202107-53)

Exploit/POC from Github

PoC for exploiting CVE-2020-36280 : Leptonica before 1.80.0 allows a heap-based buffer over-read in pixReadFromTiffSt…

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language

Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Leptonica	Leptonica	All	All	All	All

cpe:2.3:o:fedoraproject:fedora:32:*:*:*:*:*:*:*:

cpe:2.3:o:fedoraproject:fedora:33:*:*:*:*:*:*:*:

cpe:2.3:a:leptonica:leptonica:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

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