



CVE-2020-21048

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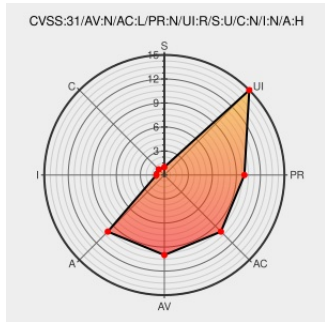
Last Modified on: 09/24/2021 05:05:00 PM UTC

CVE-2020-21048

[Source: Mitre](#)

[Source: Nist](#)

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

An issue in the dither.c component of libsixel prior to v1.8.4 allows attackers to cause a denial of service (DOS) via a crafted PNG file.

CVE-2020-21048 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	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
Avoid illegal memory access problem with 1 color paletted png(#73), · saitoa/libsixel@cb373ab · GitHub	github.com text/html	MISC github.com/saitoha/libsixel/commit/cb373ab6614c910407c5e5a93ab935144e62b037

libsixel/ChangeLog at master · saitoha/libsixel · GitHub

github.com
text/html

MISC github.com/saitoha/libsixel/blob/master/ChangeLog

Release v1.8.4 security update · saitoha/libsixel · GitHub

github.com
text/html

MISC github.com/saitoha/libsixel/releases/tag/v1.8.4

404 — Bitbucket

bitbucket.org
text/html
Inactive Link Not Archived

MISC bitbucket.org/netbsd/pkgsrc/commits/6f0c011cbfccdfa635d04c84433b1a02687adad

Multiple crashes when converting png files · Issue #73 · saitoha/libsixel · GitHub

github.com
text/html

MISC github.com/saitoha/libsixel/issues/73

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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	Libsixel Project	Libsixel	All	All	All	All
<code>cpe:2.3:a:libsixel_project:libsixel:*:*:*:*:*:*</code>						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-21048 : An issue in the dither.c component of libsixel prior to v1.8.4 allows attackers to cause a denial... twitter.com/i/web/status/1...	2021-09-14 16:03:15
@4ng3n01r3	#CyberSecurity #Security #CERT #CVE #Nist #breach #vulnerability : CVE-2020-21048	2021-09-15 06:55:30

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