



# CVE-2019-20140

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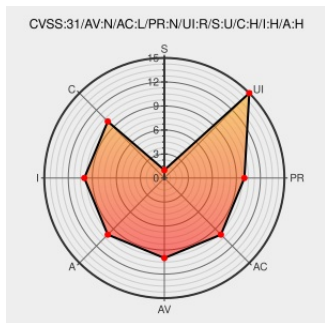
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## CVE-2019-20140

[Source: Mitre](#)

[Source: Nist](#)

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

An issue was discovered in libsixel 1.8.4. There is a heap-based buffer overflow in the function gif\_out\_code at fromgif.c.

CVE-2019-20140 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
<b>NETWORK</b>	<b>LOW</b>	<b>NONE</b>	<b>REQUIRED</b>
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
<b>UNCHANGED</b>	<b>HIGH</b>	<b>HIGH</b>	<b>HIGH</b>

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
<b>NETWORK</b>	<b>MEDIUM</b>	<b>NONE</b>
Confidentiality Impact	Integrity Impact	Availability Impact
<b>PARTIAL</b>	<b>PARTIAL</b>	<b>PARTIAL</b>

## CVE References

Description	Tags	Link
heap-buffer-overflow in gif_out_code at fromgif.c:278 · Issue #122 · saitoha/libsixel · GitHub	<a href="#">Exploit</a> <a href="#">Patch</a> <a href="#">Third Party Advisory</a> <a href="#">github.com</a> <a href="#">text/html</a>	<a href="#">MISC</a> <a href="https://github.com/saitoha/libsixel/issues/122">github.com/saitoha/libsixel/issues/122</a>

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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	<a href="#">Libsixel Project</a>	<a href="#">Libsixel</a>	1.8.4	All	All	All
Application	<a href="#">Libsixel Project</a>	<a href="#">Libsixel</a>	1.8.4	All	All	All
<code>cpe:2.3:a:libsixel_project:libsixel:1.8.4:*:*:*:*:*:</code>						
<code>cpe:2.3:a:libsixel_project:libsixel:1.8.4:*:*:*:*:*:</code>						

No vendor comments have been submitted for this CVE

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