

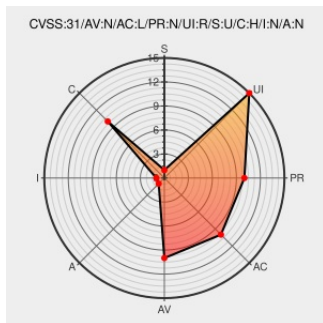


CVE-2018-21233

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CVE-2018-21233

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

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

TensorFlow before 1.7.0 has an integer overflow that causes an out-of-bounds read, possibly causing disclosure of the contents of process memory. This occurs in the DecodeBmp feature of the BMP decoder in core/kernels/decode_bmp_op.cc.

CVE-2018-21233 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	HIGH	NONE	NONE

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
tensorflow/tfsa-2018-001.md at master · tensorflow/tensorflow · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/tensorflow/tensorflow/blob/master/tensorflow/security/advisory/tfsa-2018-001.md

MISC
github.com/tensorflow/tensorflow/commit/49f73c55d56edffebde4bca4a407ad69c1cae

◀ ▶

981488 Python (pip) Security Update for tensorflow (GHSA-h98h-8mxr-m8gx)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Tensorflow	All	All	All	All
Application	Google	Tensorflow	All	All	All	All
cpe:2.3:a:google:tensorflow:*.*.*.*.*.*.*.*.						
cpe:2.3:a:google:tensorflow:*.*.*.*.*.*.*.*.						

← Previous ID Next ID →

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