

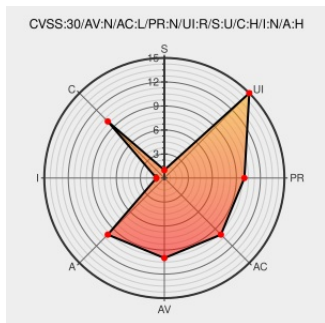


CVE-2018-7577

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CVE-2018-7577

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

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

Memcpy parameter overlap in Google Snappy library 1.1.4, as used in Google TensorFlow before 1.7.1, could result in a crash or read from other parts of process memory.

CVE-2018-7577 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **5.8 - MEDIUM**

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

CVE References

Description	Tags	Link
tensorflow/tfsa-2018-005.md at master · tensorflow/tensorflow · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/tensorflow/tensorflow/blob/master/tensorflow/security/advisory/tfsa-2018-005.md

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Related QID Numbers

981804 Python (pip) Security Update for tensorflow (GHSA-qx2v-j445-g354)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Snappy	1.1.4	All	All	All
Application	Google	Snappy	1.1.4	All	All	All
Application	Google	Tensorflow	All	All	All	All
Application	Google	Tensorflow	All	All	All	All

cpe:2.3:a:google:snappy:1.1.4:*:*:*:*:*:

cpe:2.3:a:google:snappy:1.1.4:*:*:*:*:*:

cpe:2.3:a:google:tensorflow:*:*:*:*:*:

cpe:2.3:a:google:tensorflow:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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