



CVE-2023-25669

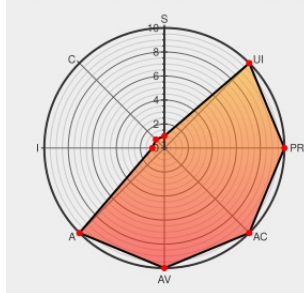
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CVE-2023-25669 - advisory for GHSA-rcf8-g8jv-vg6p

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



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

TensorFlow is an open source platform for machine learning. Prior to versions 2.12.0 and 2.11.1, if the stride and window size are not positive for ``tf.raw_ops.AvgPoolGrad``, it can give a floating point exception. A fix is included in TensorFlow version 2.12.0 and version 2.11.1.

CVE-2023-25669 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [tensorflow](#) - **tensorflow** version = < 2.11.1

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

CVE References

Description	Tags	Link
FPE in AvgPoolGrad with XLA · Advisory · tensorflow/tensorflow · GitHub	github.com text/html	MISC github.com/tensorflow/tensorflow/security/advisories/GHSA-rcf8-g8jv-vg6p
[tf2xla] Validate that stride and window size are positive · tensorflow/tensorflow@1295ae4 · GitHub	github.com text/html	MISC github.com/tensorflow/tensorflow/commit/1295ae4dbb52fe06b19733b0257e2340d7b63b8d

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Related QID Numbers

907373 Common Base Linux Mariner (CBL-Mariner) Security Update for tensorflow (31207-1)

Known Affected Configurations (CPE V2.3)

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

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 /r/netcve	CVE-2023-25669	2023-03-25 01:38:23

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