



CVE-2023-25664

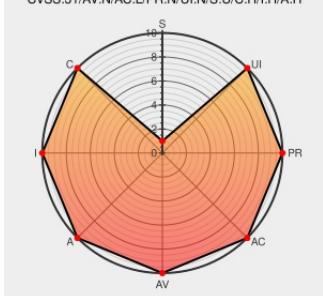
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CVE-2023-25664 - advisory for GHSA-6hg6-5c2q-7rcr

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/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, there is a heap buffer overflow in TAvPoolGrad. A fix is included in TensorFlow 2.12.0 and 2.11.1.

CVE-2023-25664 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

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

CVSS3 Score: **9.8 - CRITICAL**

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

CVE References

Description	Tags	Link
Add inputs check for AvgPoolGrad · tensorflow/tensorflow@ddaac2b · GitHub	github.com text/html	MISC github.com/tensorflow/tensorflow/commit/ddaac2bdd099bec5d7923dea45276a7558217e5b
Heap-buffer-overflow in AvgPoolGrad · Advisory · tensorflow/tensorflow · GitHub	github.com text/html	MISC github.com/tensorflow/tensorflow/security/advisories/GHSA-6hg6-5c2q-7rcr

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Related QID Numbers

907366 Common Base Linux Mariner (CBL-Mariner) Security Update for tensorflow (31211-1)

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-2023-25664	2023-03-25 01:38:20

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