



CVE-2023-25667

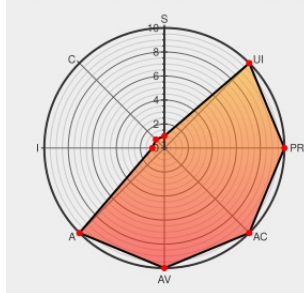
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CVE-2023-25667 - advisory for GHSA-fqm2-gh8w-gr68

[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, integer overflow occurs when `2^31 <= num_frames * height * width * channels < 2^32`, for example Full HD screencast of at least 346 frames. A fix is included in TensorFlow version 2.12.0 and version 2.11.1.

CVE-2023-25667 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
Fix integer overflow for multiframe gifs. · tensorflow/tensorflow@8dc723f · GitHub	github.com text/html	MISC github.com/tensorflow/tensorflow/commit/8dc723fcdd1a6127d6c970bd2ecb18b019a1a58d
Segfault when opening multiframe gif · Advisory · tensorflow/tensorflow · GitHub	github.com text/html	MISC github.com/tensorflow/tensorflow/security/advisories/GHSA-fqm2-gh8w-gr68

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Related QID Numbers

907414 Common Base Linux Mariner (CBL-Mariner) Security Update for tensorflow (31198-1)

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-2023-25667	2023-03-25 01:38:22

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