



CVE-2020-15265

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2020-15265
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-10-21 21:15:00 UTC
Updated	2021-08-17 13:21:00 UTC
Description	In Tensorflow before version 2.4.0, an attacker can pass an invalid `axis` value to `tf.quantization.quantize_and_dequantize`

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link
Segfault in `tf.quantization.quantize_and_dequantize` · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com
Segmentation fault in tf.quantization.quantize_and_dequantize · Issue #42105 · tensorflow/tensorflow · GitHub	MISC	github.com
Prevent segfault in `quantize_and_dequantize` · tensorflow/tensorflow@eccb7ec · GitHub	MISC	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[981460](#) Python (pip) Security Update for tensorflow-gpu (GHSA-rrfp-j2mp-hq9c)

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