



CVE-2021-37643

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Summary

CVE	CVE-2021-37643
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-08-12 19:15:00 UTC
Updated	2021-08-18 15:45:00 UTC
Description	TensorFlow is an end-to-end open source platform for machine learning. If a user does not provide a valid padding value to

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Tensorflow	All	All	All	All
Application	Google	Tensorflow	2.5.0	All	All	All
Application	Google	Tensorflow	2.6.0	rc0	All	All
Application	Google	Tensorflow	2.6.0	rc1	All	All
Application	Google	Tensorflow	2.6.0	rc2	All	All

References

Reference	Source	Link
Ensure non-empty padding_value input to tf.raw_ops.MatrixDiagPartV2, ... · tensorflow/tensorflow@482da92 · GitHub	MISC	github.c
Null pointer dereference in `MatrixDiagPartOp` · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.c
CVE Program record	CVE.ORG	www.cv
NVD vulnerability detail	NVD	nvd.nist

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[981512](#) Python (pip) Security Update for tensorflow-gpu (GHSA-fcwc-p4fc-c5cc)

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