



CVE-2021-41206

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Summary

CVE	CVE-2021-41206
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-11-05 22:15:00 UTC
Updated	2021-11-09 17:56:00 UTC
Description	TensorFlow is an open source platform for machine learning. In affected versions several TensorFlow operations are missin

Risk And Classification

Problem Types: CWE-354

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Tensorflow	All	All	All	All
Application	Google	Tensorflow	2.7.0	rc0	All	All
Application	Google	Tensorflow	2.7.0	rc1	All	All

References

Reference	Source	Link
Roll forward https://github.com/tensorflow/tensorflow/commit/ab0ca4bb... · tensorflow/tensorflow@da4aad5 · GitHub	MISC	github.co
Fix crash in softmax-xent when some input dimensions are 1. · tensorflow/tensorflow@4d74d8a · GitHub	MISC	github.co
Fix crash in MatrixSolve when inputs have different batch dimensions. · tensorflow/tensorflow@579261d · GitHub	MISC	github.co
Fix segfault on OOM in Conv2D. · tensorflow/tensorflow@e7f4975 · GitHub	MISC	github.co
Fix segfault in pools on empty shapes when certain dimension were ver... · tensorflow/tensorflow@4dddb2f · GitHub	MISC	github.co
Incomplete validation of shapes in multiple TF ops · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.co
Add shape checks to GPU TridiagonalMatMul. · tensorflow/tensorflow@68422b2 · GitHub	MISC	github.co
CVE Program record	CVE.ORG	www.cve.
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

980172 Python (pip) Security Update for tensorflow-gpu (GHSA-pgcq-h79j-2f69)

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