



CVE-2021-41218

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

Summary

CVE	CVE-2021-41218
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 18:43:00 UTC
Description	TensorFlow is an open source platform for machine learning. In affected versions the shape inference code for `AllToAll` ca

Risk And Classification

Problem Types: CWE-369

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	Tags
Update TPU AllToAll op to avoid divide by 0. · tensorflow/tensorflow@a8ad3e5 · GitHub	MISC	github.com	
Integer division by 0 in `tf.raw_ops.AllToAll` · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[980183](#) Python (pip) Security Update for tensorflow-gpu (GHSA-9crf-c6qr-r273)

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