



CVE-2021-29513

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

Summary

CVE	CVE-2021-29513
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-05-14 20:15:00 UTC
Updated	2021-07-26 15:57:00 UTC
Description	TensorFlow is an end-to-end open source platform for machine learning. Calling TF operations with tensors of non-numeric

Risk And Classification

Problem Types: CWE-476 | CWE-843

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link
Type confusion during tensor casts lead to dereferencing null pointers · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com
Fix `tf.raw_ops.ResourceCountUpTo` null pointer dereference. · tensorflow/tensorflow@030af76 · 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

[982533](#) Python (pip) Security Update for tensorflow-gpu (GHSA-452g-f7fp-9jif7)

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