



CVE-2021-41227

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

Summary

CVE	CVE-2021-41227
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-11-05 23:15:00 UTC
Updated	2021-11-10 13:18:00 UTC
Description	TensorFlow is an open source platform for machine learning. In affected versions the `ImmutableConst` operation in Tens

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	Google	Tensorflow	2.7.0	rc0	All	All
Application	Google	Tensorflow	2.7.0	rc1	All	All

References

Reference	Source	Link
Add error checking to ImmutableConst OP that strings are not yet supp... · tensorflow/tensorflow@1cb6bb6 · GitHub	MISC	github.c
Arbitrary memory read in `ImmutableConst` · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.c
Fix macros for converting little endian to host for TF_TSRT_OFFSET Ge... · tensorflow/tensorflow@3712a2d · GitHub	MISC	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

[980192](#) Python (pip) Security Update for tensorflow-gpu (GHSA-j8c8-67vp-6mx7)

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