



CVE-2021-37673

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

Summary

CVE	CVE-2021-37673
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-08-12 23:15:00 UTC
Updated	2021-08-19 14:02:00 UTC
Description	TensorFlow is an end-to-end open source platform for machine learning. In affected versions an attacker can trigger a denial of service by sending a specially crafted input to the model.

Risk And Classification

Problem Types: CWE-20

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
`CHECK`-fail in `MapStage` · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com
Prevent a CHECK-fail due to empty tensor input in `map_stage_op.cc` · tensorflow/tensorflow@d7de677 · 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

[981542](#) Python (pip) Security Update for tensorflow-gpu (GHSA-278g-rq84-9hmg)

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