



CVE-2022-23580

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Summary

CVE	CVE-2022-23580
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-02-04 23:15:00 UTC
Updated	2023-07-13 14:28:00 UTC
Description	Tensorflow is an Open Source Machine Learning Framework. During shape inference, TensorFlow can allocate a large vec

Risk And Classification

Problem Types: CWE-1284

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link
tensorflow/shape_inference.cc at a1320ec1eac186da1d03f033109191f715b2b130 · tensorflow/tensorflow · GitHub	MISC	github.com
Fix abort caused by allocating a too large vector. · tensorflow/tensorflow@1361fb7 · GitHub	MISC	github.com
Abort caused by allocating a vector that is too large · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com
CVE Program record	CVE.ORG	www.cve.o
NVD vulnerability detail	NVD	nvd.nist.go

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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