



CVE-2022-23562

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Summary

CVE	CVE-2022-23562
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	2022-02-09 18:19:00 UTC
Description	Tensorflow is an Open Source Machine Learning Framework. The implementation of `Range` suffers from integer overflow

Risk And Classification

Problem Types: CWE-190

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
Integer overflow in Range resulting in undefined behavior and OOM · Advisory · tensorflow/tensorflow · GitHub
Fix tf.math.segment_max/min/mean/sun/prod crashes(aborts) when segment_ids is large by yongtang · Pull Request #51733 · tensorflow/tens
Merge pull request #52707 from elfringham:init_ops_test_fix · tensorflow/tensorflow@f014775 · GitHub
Undefined behaviour in Range · Issue #52676 · tensorflow/tensorflow · GitHub
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

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

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