CVE-2020-15212

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Summary

CVE	CVE-2020-15212
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-09-25 19:15:00 UTC
Updated	2021-08-17 13:21:00 UTC
Description	In TensorFlow Lite before versions 2.2.1 and 2.3.1, models using segment sum can trigger writes outside of bounds of heap

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link	Tag
Out of bounds access in TFLite implementation of segment sum · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com	Exp
[tflite] Validate segment ids for segment_sum. · tensorflow/tensorflow@204945b · GitHub	MISC	github.com	Pat
Release TensorFlow 2.3.1 · tensorflow/tensorflow · GitHub	MISC	github.com	Thi
CVE Program record	CVE.ORG	www.cve.org	car
NVD vulnerability detail	NVD	nvd.nist.gov	car

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

981461 Python (pip) Security Update for tensorflow (GHSA-hx2x-85gr-wrpq)

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report