



CVE-2022-35970

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Summary

CVE	CVE-2022-35970
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-16 21:15:00 UTC
Updated	2022-09-20 20:01:00 UTC
Description	TensorFlow is an open source platform for machine learning. If `QuantizedInstanceNorm` is given `x_min` or `x_max` tensors, it will crash the program. This is a buffer overflow vulnerability.

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Tensorflow	All	All	All	All
Application	Google	Tensorflow	2.10	rc0	All	All
Application	Google	Tensorflow	2.10	rc1	All	All
Application	Google	Tensorflow	2.10	rc2	All	All
Application	Google	Tensorflow	2.10	rc3	All	All

References

Reference	Source	Link	Tags
Segfault in `QuantizedInstanceNorm` · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com	
Fix quantize ops input validation issues. · tensorflow/tensorflow@785d67a · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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

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