



CVE-2021-29591

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

Summary

CVE	CVE-2021-29591
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-05-14 20:15:00 UTC
Updated	2022-04-25 20:09:00 UTC
Description	TensorFlow is an end-to-end open source platform for machine learning. TFLite graphs must not have loops between nodes

Risk And Classification

Problem Types: CWE-674 | CWE-835

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source	Link	Tags
Stack overflow due to looping TFLite subgraph · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com	
TFLite: Error out when the graph has a recursion. · tensorflow/tensorflow@c6173f5 · GitHub	MISC	github.com	
Prevent infinite loop/stack overflow in TFLite `while` op. · tensorflow/tensorflow@9c1dc92 · GitHub	MISC	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, a

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[982462](#) Python (pip) Security Update for tensorflow (GHSA-cwv3-863g-39vx)

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