



CVE-2022-29196

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Summary

CVE	CVE-2022-29196
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-05-20 22:16:00 UTC
Updated	2023-07-21 16:41:00 UTC
Description	TensorFlow is an open source platform for machine learning. Prior to versions 2.9.0, 2.8.1, 2.7.2, and 2.6.4, the implementa

Risk And Classification

Problem Types: CWE-1284

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Tensorflow	All	All	All	All
Application	Google	Tensorflow	2.7.0	rc0	All	All
Application	Google	Tensorflow	2.7.0	rc1	All	All
Application	Google	Tensorflow	2.8.0	-	All	All
Application	Google	Tensorflow	2.8.0	rc0	All	All
Application	Google	Tensorflow	2.8.0	rc1	All	All
Application	Google	Tensorflow	2.9.0	rc0	All	All
Application	Google	Tensorflow	2.9.0	rc1	All	All

References

Reference	Source	Link
Fix failed check in Conv3DBackpropFilterV2. · tensorflow/tensorflow@174c509 · GitHub	MISC	github.co
Missing validation causes denial of service via `Conv3DBackpropFilterV2` · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.co
Release TensorFlow 2.8.1 · tensorflow/tensorflow · GitHub	MISC	github.co
Release TensorFlow 2.9.0 · tensorflow/tensorflow · GitHub	MISC	github.co
Release TensorFlow 2.7.2 · tensorflow/tensorflow · GitHub	MISC	github.co
Release TensorFlow 2.6.4 · tensorflow/tensorflow · GitHub	MISC	github.co

tensorflow/conv_grad_ops_3d.cc at f3b9bf4c3c0597563b289c0512e98d4ce81f886e · tensorflow/tensorflow · GitHub	MISC	github.co
CVE Program record	CVE.ORG	www.cve.
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

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

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