



CVE-2020-15193

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Summary

CVE	CVE-2020-15193
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	2021-11-18 17:20:00 UTC
Description	In Tensorflow before versions 2.2.1 and 2.3.1, the implementation of `dlpack.to_dlpack` can be made to use uninitialized m

Risk And Classification

Problem Types: CWE-908

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Google	Tensorflow	2.2.0	All	All	All
Application	Google	Tensorflow	2.3.0	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Application	Tensorflow	Tensorflow	2.2.0	All	All	All
Application	Tensorflow	Tensorflow	2.3.0	All	All	All
Application	Tensorflow	Tensorflow	2.2.0	All	All	All
Application	Tensorflow	Tensorflow	2.3.0	All	All	All

References

Reference	Source	Link
Memory corruption in dlpack.to_dlpack · Advisory · tensorflow/tensorflow · GitHub	CONFIRM	github.com
Fix multiple vulnerabilities in `tf.experimental.dlpack.to_dlpack`. · tensorflow/tensorflow@22e07fb · GitHub	MISC	github.com
Release TensorFlow 2.3.1 · tensorflow/tensorflow · GitHub	MISC	github.com
[security-announce] openSUSE-SU-2020:1766-1: moderate: Security update f	SUSE	lists.opensuse.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[981473](#) Python (pip) Security Update for tensorflow-gpu (GHSA-rjjg-hgv6-h69v)

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