



CVE-2020-15266

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Summary

CVE	CVE-2020-15266
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-10-21 21:15:00 UTC
Updated	2021-11-18 16:25:00 UTC
Description	In Tensorflow before version 2.4.0, when the `boxes` argument of `tf.image.crop_and_resize` has a very large value, the C

Risk And Classification

Problem Types: CWE-119

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

- Float cast overflow undefined behavior · Advisory · tensorflow/tensorflow · GitHub
- Fix segmentation fault in tf.image.crop_and_resize when boxes is inf or nan by yongtang · Pull Request #42143 · tensorflow/tensorflow · GitHub
- segfault in `tf.image.crop\_and\_resize` when `boxes` contains large value · Issue #42129 · tensorflow/tensorflow · GitHub
- CVE Program record
- NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[981459](#) Python (pip) Security Update for tensorflow-gpu (GHSA-xwhf-g6j5-j5gc)

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