



# CVE-2021-29544

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

## Summary

|                        |                                                                                                                             |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2021-29544                                                                                                              |
| <b>State</b>           | PUBLIC                                                                                                                      |
| <b>Assigner</b>        | security-advisories@github.com                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                |
| <b>Published</b>       | 2021-05-14 20:15:00 UTC                                                                                                     |
| <b>Updated</b>         | 2021-07-27 17:25:00 UTC                                                                                                     |
| <b>Description</b>     | TensorFlow is an end-to-end open source platform for machine learning. An attacker can trigger a denial of service via a `C |

## Risk And Classification

### Problem Types: CWE-754

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                 | Product                    | Version | Update | Edition | Language |
|-------------|------------------------|----------------------------|---------|--------|---------|----------|
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | All     | All    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | All     | All    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | All     | All    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | All     | All    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | All     | All    | All     | All      |

## References

| Reference                                                                                            | Source  | Link                         | Ta |
|------------------------------------------------------------------------------------------------------|---------|------------------------------|----|
| `CHECK`-fail in `QuantizeAndDequantizeV4Grad` · Advisory · tensorflow/tensorflow · GitHub            | CONFIRM | <a href="#">github.com</a>   |    |
| Fix `tf.raw_ops.QuantizeAndDequantizeV4Grad` CHECK failure. · tensorflow/tensorflow@20431e9 · GitHub | MISC    | <a href="#">github.com</a>   |    |
| CVE Program record                                                                                   | CVE.ORG | <a href="#">www.cve.org</a>  | ca |
| NVD vulnerability detail                                                                             | NVD     | <a href="#">nvd.nist.gov</a> | ca |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[982505](#) Python (pip) Security Update for tensorflow-gpu (GHSA-6g85-3hm8-83f9)

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