



# CVE-2022-29208

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

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-29208                                                                                                               |
| <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>       | 2022-05-20 23:15:00 UTC                                                                                                      |
| <b>Updated</b>         | 2022-06-03 02:02:00 UTC                                                                                                      |
| <b>Description</b>     | 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-787

## 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> | 2.7.0   | rc0    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.7.0   | rc1    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.8.0   | -      | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.8.0   | rc0    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.8.0   | rc1    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.9.0   | rc0    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.9.0   | rc1    | All     | All      |

## References

| Reference                                                                                                         | Source  | Link                       |
|-------------------------------------------------------------------------------------------------------------------|---------|----------------------------|
| Release TensorFlow 2.8.1 · tensorflow/tensorflow · GitHub                                                         | MISC    | <a href="#">github.com</a> |
| Release TensorFlow 2.9.0 · tensorflow/tensorflow · GitHub                                                         | MISC    | <a href="#">github.com</a> |
| Release TensorFlow 2.7.2 · tensorflow/tensorflow · GitHub                                                         | MISC    | <a href="#">github.com</a> |
| Release TensorFlow 2.6.4 · tensorflow/tensorflow · GitHub                                                         | MISC    | <a href="#">github.com</a> |
| Fix tf.raw_ops.EditDistance vulnerability with negative indices. · tensorflow/tensorflow@30721cf · GitHub         | MISC    | <a href="#">github.com</a> |
| Segfault and OOB write due to incomplete validation in `EditDistance` · Advisory · tensorflow/tensorflow · GitHub | CONFIRM | <a href="#">github.com</a> |

|                                                                      |         |                                                |
|----------------------------------------------------------------------|---------|------------------------------------------------|
| CVE Program record                                                   | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>   |
| NVD vulnerability detail                                             | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a> |
| <div></div>                                                          |         |                                                |
| No vendor comments have been submitted for this CVE.                 |         |                                                |
| There are currently no legacy QID mappings associated with this CVE. |         |                                                |

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