



# CVE-2022-35997

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

## Summary

|                        |                                                                                                                                |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-35997                                                                                                                 |
| <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>       | 2022-09-16 23:15:00 UTC                                                                                                        |
| <b>Updated</b>         | 2022-09-20 14:49:00 UTC                                                                                                        |
| <b>Description</b>     | TensorFlow is an open source platform for machine learning. If `tf.sparse.cross` receives an input `separator` that is not a s |

## Risk And Classification

**Problem Types:** CWE-617

## 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> | 2.10    | rc0    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.10    | rc1    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.10    | rc2    | All     | All      |
| Application | <a href="#">Google</a> | <a href="#">Tensorflow</a> | 2.10    | rc3    | All     | All      |

## References

| Reference                                                                                                         | Source  | Link                       |
|-------------------------------------------------------------------------------------------------------------------|---------|----------------------------|
| Fix check failure in SparseCrossV2Op by adding check for scalar value... · tensorflow/tensorflow@83dcb4d · GitHub | MISC    | <a href="#">github.co</a>  |
| `CHECK` fail in `tf.sparse.cross` · Advisory · tensorflow/tensorflow · GitHub                                     | CONFIRM | <a href="#">github.co</a>  |
| CVE Program record                                                                                                | CVE.ORG | <a href="#">www.cve</a>    |
| NVD vulnerability detail                                                                                          | NVD     | <a href="#">nvd.nist.g</a> |

No vendor comments have been submitted for this CVE.

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

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