CVE-2020-5212

eager execution is enabled.

*** Impact

Converting a string (from Python) to a *tf.float16* value results in a segmentation fault in eager mode as the

format checks for this use case are only in the graph mode.
....
This can be easily reproduced by tf.constant("hello", tf.float16), if

Fixing commit: 5ac1b9e24ff6afc465756edf845d2e9660bd34bf **Test File:** tensorflow/python/framework/constant op test.py from tensorflow.python.framework import constant op class ConstantOpTest(test.TestCase, parameterized.TestCase): def test convert string to number(self, dtype): with self.assertRaises(TypeError): constant op.constant("hello", dtype)