📁 Android Public Tracker > CTS   212326411 ▾

[Lenovo][Diablo][GTS_9_R2]GtsNetworkStackHostTestCases -- com.google.android.networkstack.gts.VpnManagerHostTest#testStartLegacyVpnThrowsException case test fail

← ↻ ☆

+1 [2]   Hotlists (3)   Mark as Duplicate   🔔 ⋮

Comments (8)	Dependencies	Duplicates (0)	Blocking (0)	Resources (3)

Fixed   Bug   P3   + Add Hotlist   [AOSP] assigned

👥 **STATUS UPDATE** No update yet.   Edit

📄 **DESCRIPTION** ya...@lenovo.corp-partner.google.com created issue #1

Dear Google,

We meet a failure while testing the below GTS case

> run gts -m GtsNetworkStackHostTestCasess -t com.google.android.networkstack.gts.VpnManagerHostTest#testStartLegacyVpnThrowsException

The details are as below

```
junit.framework.AssertionFailedError: Certificates seem to be mismatched. This is usually an error on the
tester side, e.g. you're running a non-production-key-signed GTS package
with a production-key-signed device, or a non-production-key-signed
device with a production-key-signed GTS package.

PLEASE DO NOT FILE BUGS without checking you are running with the correct
certificate and configuration. Instead fix your configuration by :

- Making sure you are running a GTS package signed with a production key
  on a device signed with a production key.
- Making sure the device does NOT have the "com.android.networkstack" package
  (without "google") installed.
- For non-Go GMS devices, making sure the device has the
  "com.google.android.networkstack" installed.
- For Go devices or non-GMS devices, making sure the device is using the
  "com.android.networkstack.inprocess" package.

The "adb shell dumpsys package" command can be used to gather some
of this information.

If any of these are not true, please refer to mainline integration
instructions to set up the device properly for testing.
at junit.framework.Assert.fail(Assert.java:57)
at com.google.android.gts.networkstack.NetworkStackGtsHostSideUtilsKt.installPackageOrThrow(NetworkStackGtsHostSideUtils.kt:40)
at com.google.android.networkstack.gts.VpnManagerHostTest.setUp(VpnManagerHostTest.kt:42)
```

Our analysis:

Because we use the InProcessNetworkStack, so the PlatformNetworkPermissionConfig is required and signed with Lenovo system platform key, and the GtsNetworkStackTestCases.apk use the

Then we signed GtsNetworkStackTestCases.apk with Lenovo system platform key, the testing process has taken a step forward, it can be installed, but another issue happen as below while app by cmd "setenforce 0", the testing is passed.

```
12-24 02:12:11.417  1073 16944 16944 E SELinux : selinux_android_setcontext:  Error setting context for app with uid 1073, seinfo platform:privapp:targetSdkV
12-24 02:12:11.417  1073 16944 16944 F zygote64: jni_internal.cc:748] JNI FatalError called: (com.google.android.networkstack.gts) frameworks/base/core/jni/c
```

We checked the recently related test cases, find some test cases are assumeFalse if we using InProcessNetworkStack, is the VpnManagerHostTest should do the same changes?

```
GtsNetworkStackHostTestCases.jar

public void testNetworkStack() throws Exception {
    Assume.assumeFalse("Test only applies if mainline networkstack is used", isPackageInstalled(IN_PROCESS_NETWORKSTACK_PACKAGE));
    NetworkStackGtsHostSideUtils.installPackageOrThrow(this, TEST_APK);
    Assert.assertTrue(runDeviceTests(TEST_PACKAGE, TEST_CLASS));
}
```

Best Regards

Wenjun Yang

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✓ Links (3)

"For steps to capture a bug report, please refer: https://developer.android.com/studio/debug/bug-report#bugreportdevice"

"I have uploaded the bug report here https://drive.google.com/drive/folders/1mGa0dvYwqIElUDO1NCfDrwW42sMSdShP?usp=sharing"

"We have fixed this issue in GTS 9.1_R1, please retest it by https://drive.google.com/corp/drive/folders/1cYWSXBQlsm5RzZte7nfI-GA7gYLyAbOm?resourcekey=0-eVZ8PmbljI3dHsM1zpUbmg ."

COMMENTS

ra...@google.com <ra...@google.com>

Assigned to ra...@google.com.

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ra...@google.com <ra...@google.com> #2

Thank you for reporting this issue. For us to further investigate this issue, please provide the following additional information:

Android bug report (to be captured after reproducing the issue)
For steps to capture a bug report, please refer: https://developer.android.com/studio/debug/bug-report#bugreportdevice

Alternate method
Navigate to "Developer options", ensure "USB debugging" is enabled, then enable "Bug report shortcut". Capture bug report by holding the power button and selecting the "Take bug report" o

Note: Please upload the bug report to google drive and share the folder to android-bugreport@google.com, then share the link here.

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ya...@lenovo.corp-partner.google.com <ya...@lenovo.corp-partner.google.com> #3

I have uploaded the bug report here https://drive.google.com/drive/folders/1mGa0dvYwqIElUDO1NCfDrwW42sMSdShP?usp=sharing

please help to check.

Thanks

---

yk...@gmail.com <yk...@gmail.com> #4

Comment has been deleted.

Message last modified on   Jan 1, 2022 03:47PM

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ya...@lenovo.corp-partner.google.com <ya...@lenovo.corp-partner.google.com> #5

Dear Google,

Is there any update? Please let me know if there any way to try or log to be captured.

Thanks

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ra...@google.com <ra...@google.com> #6

We have shared this with our product and engineering team and will update this issue with more information as it becomes available

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ra...@google.com <ra...@google.com> #7

Marked as fixed.

We have fixed this issue in GTS 9.1_R1, please retest it by https://drive.google.com/corp/drive/folders/1cYWSXBQlsm5RzZte7nfI-GA7gYLyAbOm?resourcekey=0-eVZ8PmbljI3dHsM1zpUbmg

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lv...@lenovo.corp-partner.google.com <lv...@lenovo.corp-partner.google.com> #8

HI, ra
We tested this case on GTS 9.1_R1, this case has been removed.Please see the test result. Can you help confirm this is normal? if it's normal, whether this case is waived for GTS 9.0 R2? tha

📎 **deleted**
0 B ⓘ