

The Mediatek logo consists of the word "MEDIATEK" in white, uppercase, sans-serif font, centered within an orange parallelogram shape that is wider at the top and bottom and narrower in the middle.

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# CTS Waive Report

[UsbDebuggingAuthWithoutUnlockTest]

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# Overview

- Test Environment
  - CTS6.0\_R12
- Android Version
  - Android M
- Test Package
  - android.security.cts
- TestCase
  - UsbDebuggingAuthWithoutUnlockTest- testDebugAuthWithoutUnlock
- Testcase File
  - /tests/tests/security/src/android/security/cts/  
UsbDebuggingAuthWithoutUnlockTest.java
- Fail Rate
  - Full Run, Always

# Description

- Google has a change in UsbDebuggingAuthWithoutUnlockTest.java  
[https://android.googlesource.com/platform/cts/+android-cts-6.0\\_r12/tests/tests/security/src/android/security/cts/UsbDebuggingAuthWithoutUnlockTest.java](https://android.googlesource.com/platform/cts/+android-cts-6.0_r12/tests/tests/security/src/android/security/cts/UsbDebuggingAuthWithoutUnlockTest.java)

```
commit e3eee99b576e4418ccfcd172b9a989fc79d683f4 [log] [tgz]
author Deep Shaunik <dshaunik@gmail.com>
committer Deep Shaunik <dshaunik@gmail.com>
tree 33ca433d90a4792f5a
parent 7918f1e655c42c5916

+/*
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+ * you may not use this file except in compliance with the License.
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+ * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
+ * See the License for the specific language governing permissions and
+ * limitations under the License.
+ */
+package android.security.cts;
+
+import junit.framework.TestCase;
+
+public class UsbDebuggingAuthWithoutUnlockTest extends TestCase {
+    public void testDebugAuthWithoutUnlock() throws ClassNotFoundException {
+        Class windowManager = Class.forName("com.android.internal.policy.impl" +
+            ".PhoneWindowManager");
+
+        try {
+            windowManager.getDeclaredField("mAppsToBeHidden");
+        } catch (NoSuchFieldException nsfe) {
+            fail("Device is likely vulnerable to Bug - 13225149. For more information, see " +
+                "https://android.googlesource.com/platform/" +
+                "frameworks/base/+0392442%5E%21/#F0");
+        }
+    }
+}
```

DO NOT MERGE: Add CTS For bug 13225149

This test verifies that bug 13225149 is fixed on the device

Bug: 13225149

Change-Id: Ic61e3b5f4528ada9

Signed-off-by: Deep Shaunik

# Analysis Report – Failed Case

11-07 04:57:25.107 16605 16618 D CtsTestRunListener: Now executing : android.security.cts.UsbDebuggingAuthWithoutUnlockTest  
11-07 04:57:25.109 16605 16618 I TestRunner: failed:  
testDebugAuthWithoutUnlock(android.security.cts.UsbDebuggingAuthWithoutUnlockTest)  
11-07 04:57:25.109 16605 16618 I TestRunner: ----- begin exception -----  
**11-07 04:57:25.111 16605 16618 I TestRunner: java.lang.ClassNotFoundException:**  
**com.android.internal.policy.impl.PhoneWindowManager**  
11-07 04:57:25.111 16605 16618 I TestRunner: at java.lang.Class.forName(Native Method)  
11-07 04:57:25.111 16605 16618 I TestRunner: at java.lang.Class.forName(Class.java:324)  
11-07 04:57:25.111 16605 16618 I TestRunner: at java.lang.Class.forName(Class.java:285)  
11-07 04:57:25.111 16605 16618 I TestRunner: at  
android.security.cts.UsbDebuggingAuthWithoutUnlockTest.testDebugAuthWithoutUnlock(UsbDebuggingAuthWithoutUnlockTest.  
java:23)

```
17 package android.security.cts;
18
19 import junit.framework.TestCase;
20
21 public class UsbDebuggingAuthWithoutUnlockTest extends TestCase {
22     public void testDebugAuthWithoutUnlock() throws ClassNotFoundException {
23         Class windowManager = Class.forName("com.android.internal.policy.impl" +
24                                             ".PhoneWindowManager");
25         try {
26             windowManager.getDeclaredField("mAppsToBeHidden");
27         } catch (NoSuchFieldException nsfe) {
28             fail("Device is likely vulnerable to Bug - 13225149. For more information, see " +
29                 "https://android.googlesource.com/platform/" +
30                 "frameworks/base/+/0392442%5E%21/#F0");
31         }
32     }
33 }
```

# Analysis Report – Description

- This test verifies that bug usb debugging can be authorized without unlocking is **fixed on the device**.
  - <https://android.googlesource.com/platform/frameworks/base/+0392442%5E%21/#F0>

# Analysis Report – Root Cause

- Google has split up **android.policy** into framework.jar and services.jar
  - <https://android.googlesource.com/platform/frameworks/base/+b10e33ff804a831c71be9303146cea892b9aeb5d>
    - [services/core/java/com/android/server/policy/PhoneWindowManager.java](#)  
[Renamed from  
policy/src/com/android/internal/policy/impl/PhoneWindowManager.java - [diff](#)]

```
17 package android.security.cts;
18
19 import junit.framework.TestCase;
20
21 public class UsbDebuggingAuthWithoutUnlockTest extends TestCase {
22     public void testDebugAuthWithoutUnlock() throws ClassNotFoundException {
23         Class windowManager = Class.forName("com.android.internal.policy.impl" +
24                                             ".PhoneWindowManager");
25
26         try {
27             windowManager.getDeclaredField("mAppsToBeHidden");
28         } catch (NoSuchFieldException nsfe) {
29             fail("Device is likely vulnerable to Bug - 13225149. For more information, see " +
30                 "https://android.googlesource.com/platform/" +
31                 "frameworks/base/+0392442%5E%21/#F0");
32         }
33     }
34 }
```

# Mediatek Suggestion

- Modify the class name to **com.android.server.policy**

```
17 package android.security.cts;
18
19 import junit.framework.TestCase;
20
21 public class UsbDebuggingAuthWithoutUnlockTest extends TestCase {
22     public void testDebugAuthWithoutUnlock() throws ClassNotFoundException {
23         Class windowManager = Class.forName("com.android.internal.policy.impl" +
24                                             ".PhoneWindowManager"); com.android.server.policy
25
26         try {
27             windowManager.getDeclaredField("mAppsToBeHidden");
28         } catch (NoSuchFieldException nsfe) {
29             fail("Device is likely vulnerable to Bug - 13225149. For more information, see " +
30                 "https://android.googlesource.com/platform/" +
31                 "frameworks/base/+/0392442%5E21/#F0");
32         }
33     }
34 }
```

# Attachment checklist

- Failed case's CTS test report



2016.11.07\_14.56.59.zip

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