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Android Public Tracker113559499

Android P getting android.os.ServiceSpecificException in KeyStore

+14Hotlists (2)Mark as Duplicate

Comments (11)DependenciesDuplicates (0)Blocking (0)Resources (4)

InfeasibleBugP3Add Hotlist

STATUS UPDATE

No update yet.

Edit

DESCRIPTION

sa...@gmail.com created issue #1

Aug 30, 2018 08:42PM

There is a exception android.os.ServiceSpecificException: (code 7) on Android Pie Beta for java.security.KeyStore class. for using java.security.KeyStore.getEntry()

Complete stacktrace:

W/KeyStore: KeyStore exception

android.os.ServiceSpecificException: (code 7)
at android.os.Parcel.createException(Parcel.java:1956)
at android.os.Parcel.readException(Parcel.java:1910)
at android.os.Parcel.readException(Parcel.java:1860)
at android.security.IKeystoreService\$Stub\$Proxy.get(IKeystoreService.java:786)
at android.security.KeyStore.get(KeyStore.java:195)
at android.security.keystore.AndroidKeyStoreSpi.engineGetCertificateChain(AndroidKeyStoreSpi.java:118)
at java.security.KeyStoreSpi.engineGetEntry(KeyStoreSpi.java:484)
at java.security.KeyStore.getEntry(KeyStore.java:1560)

OS version - Android pie Beta
Device - Pixel

Links (4)

Hide all

"https://drive.google.com/file/d/1PfmuDc3PjSCo-PpHsFKZsg8FIGlhEGg3/view?usp=drive_web (CARBON-CR-6.1-NOCT-UNOFFICIAL-j7xelte-20180426-14..." go...@ #3

"https://stackoverflow.com/questions/52222829/android-9-0-keystore-getentry-logs-services..." mc...@ #7

"https://github.com/googlesamples/android-BasicAndroid..." mc...@ #7

"However, it is not fixed. See https://github.com/googlesamples/android-BasicAndroidKeyStore/issues/3" ga...@ #11

COMMENTS

All commentsOldest first

ma...@google.com

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

Aug 30, 2018 09:09PM

Assigned to ma...@google.com.

Can you provide the below requested information to better understand the issue:

Android build
Which Android build are you using? (e.g. KVT49L)

Steps to reproduce
What steps do others need to take in order to reproduce the issue themselves?

Please provide sample project or apk to reproduce the issue.

Frequency
How frequently does this issue occur? (e.g 100% of the time, 10% of the time)

Expected output
What do you expect to occur?

Current output
What do you see instead?

Android bug report / Complete error logs
After reproducing the issue, press the volume up, volume down, and power button simultaneously. This will capture a bug report on your device in the "bug reports" directory. Attach the bug report file to this issue.
Alternate method:
After reproducing the issue, navigate to developer settings, ensure 'USB debugging' is enabled, then enable 'Bug report shortcut'. To take bug report, hold the power button and select the 'Take bug report' option.

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

go...@gmail.com

<go...@gmail.com> #3

Sep 1, 2018 12:39AM

https://drive.google.com/file/d/1PfmuDc3PjSCo-PpHsFKZsg8FIGlhEGg3/view?usp=drive_web (CARBON-CR-6.1-NOCT-UNOFFICIAL-j7xelte-20180426-1400.zip)

ma...@google.com

<ma...@google.com> #4

Reporter

Type

Priority

Severity

Status

Access

Assignee

Verifier

Collaborators

CC

AOSP ID

ReportedBy

Found In

Targeted To

Verified In

In Prod

Please share the above requested details.

xp...@gmail.com <xp...@gmail.com> [#5](#)

Sep 6, 2018 09:52PM ⋮

Hello

sorry i got same error to with android P pixel 2

Build Number PPR1 180610 009

i try to undstand and how remove this warning, i doesn't have the issue on other version android version M,N,O

```
10-07 07:29:52.997 22177-22177/com.worldline.fpl.samplendk W/KeyStore: KeyStore exception
android.os.ServiceSpecificException: (code 7)
    at android.os.Parcel.createException(Parcel.java:1956)
    at android.os.Parcel.readException(Parcel.java:1910)
    at android.os.Parcel.readException(Parcel.java:1860)
    at android.security.IKeystoreService$Stub$Proxy.get(IKeystoreService.java:786)
    at android.security.KeyStore.get(KeyStore.java:195)
    at android.security.keystore.AndroidKeyStoreSpi.engineGetCertificateChain(AndroidKeyStoreSpi.java:118)
    at java.security.KeyStoreSpi.engineGetEntry(KeyStoreSpi.java:484)
    at java.security.KeyStore.getEntry(KeyStore.java:1560)
```

i debug until i go stop at <mypath>/android-sdk-windows/sources/android-28/android/security/keystore/AndroidKeyStoreSpi.java

When i call the mkeystore.get with CERTIFICATE+ alias i got the warning, but USER_CERTIFICATE work fine called just before CA_CERTIFICATE, result return null(look normal)

```
fail
    public Certificate[] engineGetCertificateChain(String alias) {
    ...
    // alias value "__wl_ww_s_1",
    ...
        final byte[] caBytes = mKeyStore.get(Credentials.CA_CERTIFICATE + alias, mUid);
        if (caBytes != null) { ???
```

than cal the get of keystore

<mypath>/android-sdk-windows/sources/android-28/android/security/KeyStore.java

```
public byte[] get(String key, int uid) {
    try {
        key = key != null ? key : "";
        return mBinder.get(key, uid);
```

after called get, warning is thrown when we call the Binder

fonction is called from JNI

```
class decompile code call
    PrivateKeyEntry privateKeyEntry = (PrivateKeyEntry)aks.getEntry("__wl_ww_s_1", (ProtectionParameter)null);
```

KR
JP

xp...@gmail.com <xp...@gmail.com> [#6](#)

Sep 6, 2018 10:06PM ⋮

PS! Thanks for your help, i search a idea how to solve this issue. KR

mc...@gmail.com <mc...@gmail.com> [#7](#)

Sep 7, 2018 10:52PM ⋮

I had this problem as well, as published on StackOverflow:

<https://stackoverflow.com/questions/52222829/android-9-0-keystore-getentry-logs-servicespecificexception-code-7>

Basically the problem can be reproduced by simply running the code from the official example:

<https://github.com/googlesamples/android-BasicAndroidKeyStore>

ma...@google.com <ma...@google.com> [#8](#)

Sep 14, 2018 02:52PM ⋮

Thank you for providing the details.

Re [comment #7](#), we were not able to replicate the issue with above shared sample app, on Emulator API 28. Kindly share the details as requested in [comment #2](#) (bugreport etc) so that we may proceed with further investigation.

ma...@google.com <ma...@google.com> [#9](#)

Sep 21, 2018 02:45PM ⋮

Status: Won't Fix (Infeasible)

We are closing this issue as we don't have enough actionable information. If you are still facing this problem, please open new issue and add the relevant information along with reference to earlier issue.



ga...@gmail.com <ga...@gmail.com> [#10](#)

Apr 11, 2019 03:25AM ⋮

It's a duplicate of #77664363 which is itself a duplicate of something closed with a note "The issue has been fixed and it will become be available in a future Android release. "



ga...@gmail.com <ga...@gmail.com> [#11](#)

Apr 11, 2019 04:44AM ⋮

However, it is not fixed. See <https://github.com/googlesamples/android-BasicAndroidKeyStore/issues/3>