

[FAQ13817] 【Application Signature 】如何在L上use release key ?

[DESCRIPTION]

在L上，CTS有个测试项testPackageSignatures，该测试项会使用google default key里check

是否使用的是google default key，如果是，则会test fail。

因此要使用和google default不一样的key。release key不仅可以满足CTS request，还可以满足工信部CATR TAF spec。

[SOLUTION]

1，Genernate the release key

```
- development/tools/make_key releasekey  
'/C=CN/ST=BeiJing/L=HaiDian/O=MediaTek/OU=WCD/CN=demo/emailAddress=demo@mediatek.com'
```

Argument	Meanings
C	Country Name (2 letter code)
ST	State or Province Name (full name)
L	Locality Name (eg, city)
O	Organization Name (eg, company)
OU	Organizational Unit Name (eg, section)
CN	Common Name (eg, your name or your server's hostname)
<u>emailAddress</u>	Contact email address

2，Genernate the platform /media/shared key，the method as follows：

Generate platform keys：

```
development/tools/make_key platform
```

```
'/C=CN/ST=BeiJing/L=HaiDian/O=MediaTek/OU=WCD/CN=demo/emailAddress=demo@mediatek.com'
```

Generate media keys

```
development/tools/make_key media
```

```
'/C=CN/ST=BeiJing/L=HaiDian/O=MediaTek/OU=WCD/CN=demo/emailAddress=demo@mediatek.com'
```

Generate shared keys

```
development/tools/make_key shared
```

```
'/C=CN/ST=BeiJing/L=HaiDian/O=MediaTek/OU=WCD/CN=demo/emailAddress=demo@mediatek.com'
```

3, get the test key from build/target/product/security/

4, Move testkey.pk8, testkey.x509.pem, releasekey.pk8, releasekey.x509.pem, media.pk8, media.x509.pem, platform.pk8, platform.x509.pem, shared.pk8 and shared.x509.pem to device/mediatek/common/security/\${Project}

5, Set MTK_SIGNATURE_CUSTOMIZATION = yes and MTK_INTERNAL = no in the ProjectConfig.mk.

6, Start a normal build, and the binary-released APK will be signed automatically.