

# Apply Certificate of wizarPOS

## 1 Generate Private Keystore

```
keytool -genkeypair -keystore demo.jks -keyalg RSA -keysize 2048 -alias androiddebugkey -dname "EMAILADDRESS=shan.zhang@abc.com, CN=Zhang Shan, OU=RD, O=ABC company, L=Shanghai, ST=Shanghai, C=CN"
```

Notes:

- domain name should be filled according the real information of your company.
- If you want to use this keystore in Eclipse as a custom debug keystore, the alias of the key should be "androiddebugkey" and the password should be "android". If you won't use this keystore in Eclipse, you can use any alias name or password.

## 2 Export CSR (Certificate Signature Request)

```
keytool -certreq -keystore demo.jks -alias androiddebugkey > demo.csr
```

## 3 Send CSR to wizarPOS

Send CSR to support@wizarpos.com

## 4 Import the Certificate Chain

Import the replied certificate chain of the CSR, when you receive them from wizarpos.:

```
keytool -importcert -keystore demo.jks -file demoissuedbywizarpos.crt -alias androiddebugkey
```

Notes:

- Choose Yes, when the importing tools ask you if you want to trust them.

## 5 FAQ

### ***5.1 Keysize Problem when Generate Keypair***

Please download the unlimited strength policy from java website:

Java6 : <http://www.oracle.com/technetwork/java/javase/downloads/jce-6-download-429243.html>

Java7 :

<http://www.oracle.com/technetwork/java/javase/downloads/jce-7-download-432124.html>

Copy the local\_policy.jar and US\_export\_policy.jar to the folder  
\$JAVA\_HOME/jre/lib/security