

READ-ME

Please follow following steps to create a signed apk from an unsigned release apk. If required, complete details can be found here: <https://developer.android.com/studio/publish/app-signing#sign-manually>

Step-1: Align the release unsigned APK using zipalign

Run in terminal:

```
./zipalign -v -p 4 auction-app-release-unsigned.apk auction-app-release-unsigned-aligned.apk
```

Step-2: Sign aligned apk using apksigner and the pre-saved keystore file

Run in terminal:

```
./apksigner sign --ks auction-app-release-keystore --out auction-app-release-signed.apk auction-app-release-unsigned-aligned.apk
```

Step-3: Verify the generated signed apk

Run in terminal:

```
./apksigner verify auction-app-release-signed.apk
```

Notes:

1. The *zipalign* and *apksigner* are provided in the same directory as the README.
2. You will have to enter the keystore password upon running the second command.
3. Please note that alignment has to be done *before* signing the APK. Aligning the APK after signing it will corrupt the signatures.