## Release to Google play

## Version management

Edit amazonaApp/config.xml file:

* Increase “android-versionCode” by 1
* Increase “version” using the following method:
  + If minor code change or DB upgrade, increase last zone by 1. Example: 2018.1.2 🡺2018.1.3
  + If major code change or new feature. Change all zones by increasing the second by 1 and putting current year in first, and resetting the third to zero. Example: 2018.1.2 🡺2019.2.0

## Build the release

* Only If first release, we should generate our keystore, so execute the following window commands:

|  |
| --- |
| cd C:\hybridworkspaces\amazonaApp\platforms\android\build\outputs\apk  keytool -genkey -v -keystore amazona-key.keystore -alias amazona -keyalg RSA -keysize 2048 -validity 10000 |

Note: when prompted for password, enter: Happywall100

* Execute the following window commands:

Note: first make sure the keystore “amazona-key.keystore” is under “…\amazonaApp\platforms\android\app\build\outputs\apk\release\”, if not copy/paste it from “…\amazonaApp\Documentation\siging\”

|  |
| --- |
| cd C:\hybridworkspaces\amazonaApp\  echo build release app  ionic cordova build android --release  cd C:\Users\maykk\source\repos\mobileApp\amazonaApp\platforms\android\app\build\outputs\apk\release  echo "make sure to add zipalign folder to PATH:C:\Program Files (x86)\Android\android-sdk\build-tools\32.0.0\zipalign.exe"  zipalign -p -f -v 4 app-release-unsigned.apk amazona.apk  apksigner sign --ks amazona-key.keystore --ks-pass file:my-passfile.txt --v1-signing-enabled true --v2-signing-enabled true amazona.apk  /////old way down here  ///jarsigner -verbose -sigalg SHA1withRSA -digestalg SHA1 -keystore amazona-key.keystore -storepass Happywall100 app-release-unsigned.apk amazona  ///echo rename app-release-signed.apk to app-release-unsigned.apk  ///rename app-release-unsigned.apk app-release-signed.apk  ///"C:\android\sdk\build-tools\28.0.3\zipalign.exe" -v 4 app-release-signed.apk amazona.apk |

Now the file “C:\hybridworkspaces\amazonaApp\platforms\android\build\outputs\apk

amazona.apk” is ready to be uploaded to the Google store.