

How to Resign an unsigned OTN archive file and install on device

Prerequisites:

You will need the following:

1. "Mobile Provisioning Profile"
2. "Entitlements.plist"
3. "iOS Distribution Certificate"
4. ReSign OS X app

1. Mobile Provisioning Profile

Download (or create then download) this from the ["iOS Provisioning Profiles"](#) inside of Apple Developer Members Center.



iOS Provisioning Profiles (Distribution)

6 profiles total.

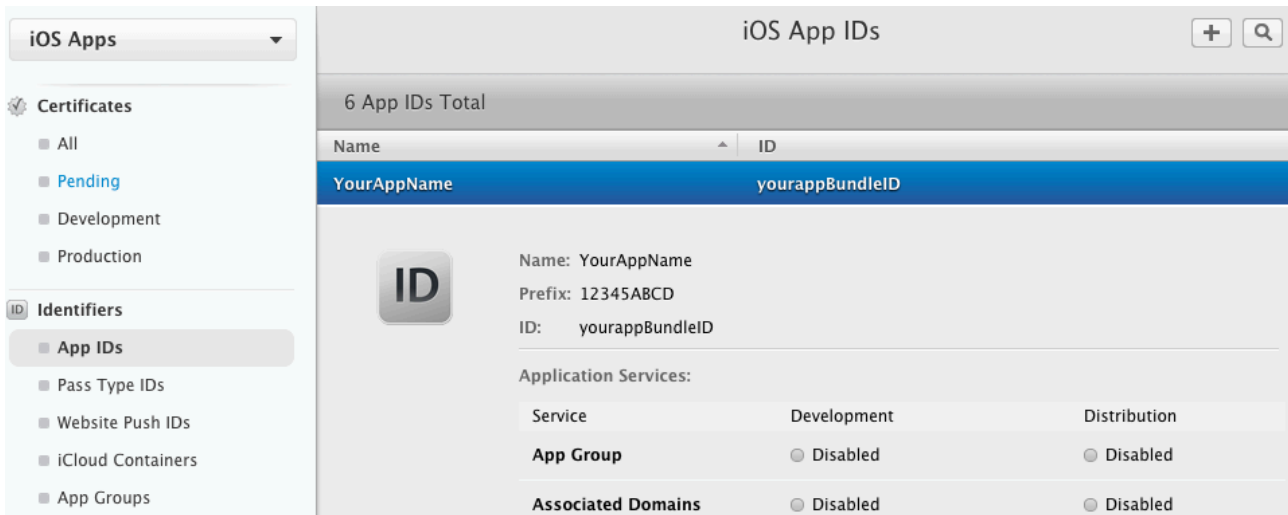
Name	Type	Status
YourApp (App Store Profile)	Distribution	● Active

 Name: YourApp (App Store Profile)
Type: Distribution
App ID: YourAppName (com.yourappBundleID)
Certificates: 1 total
Devices: 0 total
Enabled Services: In-App Purchase, Game Center
Expires: Sep 26, 2014
Status: ● Active

Delete Edit Download

2. Entitlements Plist

You will actually need to make this yourself. You will need two values to make the strings required. You need the App ID Prefix and the Bundle ID. You can find them in Members Center "Certificates, Identifiers & Profiles" under [Identifiers > App IDs](#).



Open your favorite text/code editor and drop this in. Then update the two values for "PREFIX.yourappBundleID" in the following code and save it as "entitlements.plist".

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
<plist version="1.0">
<dict>
  <key>application-identifier</key>
  <string>PREFIX.yourappBundleID</string>
  <key>aps-environment</key>
  <string>production</string>
  <key>get-task-allow</key>
  <false/>
  <key>keychain-access-groups</key>
  <array>
    <string>PREFIX.yourappBundleID</string>
  </array>
</dict>
</plist>
```

If you are NOT using Push Notifications, you need to remove the two lines:

```
<key>aps-environment</key>
  <string>production</string>
```

3. iOS Distribution Certificate

You should have this installed already. If not, you can get it installed via Xcode or Member Center.

- Xcode > Preferences > Accounts
- Find or add your Apple ID and click "View Details..."
- "+" "iOS Distribution" (or iOS Development) and then Refresh (bottom left)

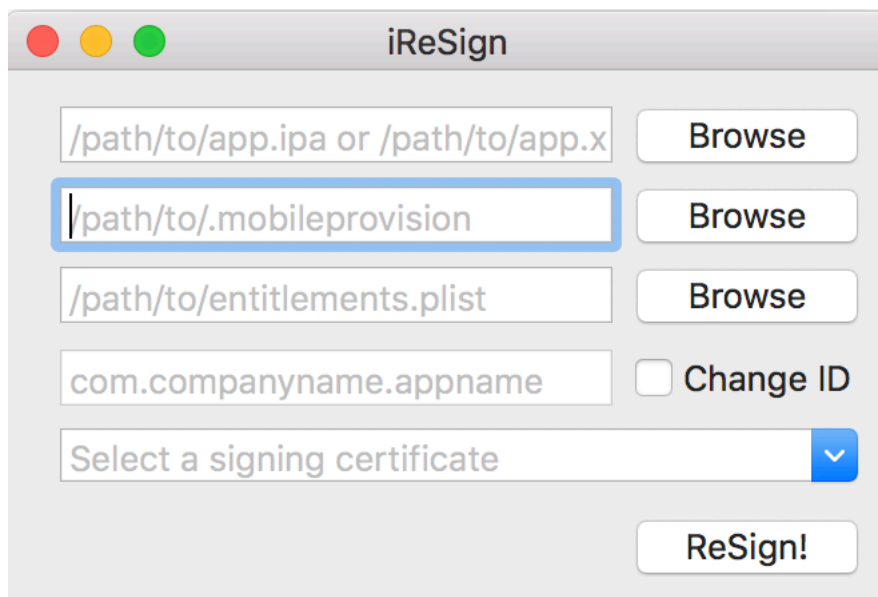
4. Re-sign the .IPA

iReSign allows iDevice app bundles (.ipa) files to be signed or resigned with a digital certificate from Apple for distribution. It can also create signed iDevice app bundles (.ipa) files from .xcarchive files. This tool is aimed at enterprises users, for enterprise deployment, when the person signing the app is different than the person(s) developing it.

[Download the iReSign app.](#)

iReSign allows you to re-sign any unencrypted ipa-file with any certificate for which you hold the corresponding private key. iResign can also created a signed ipa-file from an xcarchive file.

1. Drag your unsigned .ipa or .xcarchive file to the top box, or use the browse button.
2. Enter your full certificate name from Keychain Access, for example "iPhone Developer: Firstname Lastname (XXXXXXXXXX)" in the bottom box.
3. Click ReSign!. The resigned file will be saved in the same folder as the original file.



Install .IPA on Device:

In iTunes 12.7 and onward.

1. Install **Apple Configurator 2**
2. Connect your device.
3. drag your .IPA file and drop it to **Apple Configurator 2**.
4. now you will see app in your device.

You can install IPA file using iTunes (less than 12.7) onto device using below steps :

1. *Drag-and-drop* IPA file into 'Apps' tab of iTunes **BEFORE** you connect the device.
2. Connect your device
3. Select *your device* on iTunes
4. Select 'Apps' tab
5. *Search app* that you want to install
6. Click on 'Install' button. This will change to '*Will Install*'
7. Click on 'Apply' button on right corner. This will initiate process of app installation. You can see status on top of iTunes as well as app on device.
8. You can **allow new apps to install automatically** by enabling checkmark present at bottom.