

App Store Distribution



App Store Distribution

- Assemble App Store Information
- Create a Bundle Identifier
- Create a Certificate Signing Request
- Create an App Store Production Certificate
- Create a Production Provisioning Profile
- Create an App Store Listing
- Create a Release Build
- Fill in the Version Information
- Submit Version for Review
- Release

Create Bundle ID

The bundle identifier is the name of your app, as seen by both the App Store and iOS devices.

- In your browser, navigate to Apple's Developer Portal
- Log in
- Click Identifiers
- Click the “+” in the top right of the screen
- Name the App ID the same as your app
- Make sure the Bundle ID follows the standard naming convention:
 - **com.yourcompanyname.yourappname**
- Check any App Services the app needs, click Continue
- Verify the services are correct, then click Submit

Certificate Signing Request

Certificate Signing Requests are used to link your computer to your Apple developer account.

- Open a program called KeyChain Access
- In the top left menu, click Certificate Assistant
- Click Request a Certificate From a Certificate Authority...
- Enter requested information
- Check Saved to Disk, click Continue
- Save the Certificate Signing Request for later

App Store Production Certificate

Code Signing Certificates are used to link iOS apps to your Apple developer account.

- In your browser, navigate to Apple's Developer Portal
- Click Certificates
- Click the "+" in the top right of the screen
- Click the App Store Production
- Currently named "App Store and Ad Hoc" under Production
- Click Continue
- Upload the Certificate Signing Request created earlier
- Download the Certificate
- Install the certificate on your computer by double-clicking
- Keep this file somewhere safe

Production Provisioning Profile

1. In your browser, navigate to Apple's Developer Portal
2. Log in
3. Click Provisioning Profiles
4. Click the "+" in the top right of the screen
5. Click the App Store Distribution option, click Continue
6. Select the Bundle ID created earlier, click Continue
7. Select the Certificate created earlier, click Continue
8. Make sure the Profile Name follows the standard naming convention: App Name App Store Distribution
9. Click Generate
10. Download it
11. Install the provision profile on your computer by double-clicking
12. Keep this file somewhere safe

App Store Listing

- Start in your browser, navigate to iTunes Connect
- Log in
- Click My Apps
- Click the “+” in the top left of the screen
- Click “New iOS App”
- Bundle ID: choose the one created on Developer Portal
- For convenience, make the SKU match the Bundle ID created earlier
- Click Create to create the first version listing

Make the Release Build

Package the actual binary that users will be uploading to the store.

- Start Xcode
- Open the project or workspace
- Update the version and build numbers
- Open Build Settings
- Make sure All settings is selected
- Scroll to Code Signing
- Use the provisioning profile created earlier
- Use the code signing identity created earlier
- In the top menu, select Generic iOS Device as the build destination if no actual device is connected
- Menu, Project, Archive
- Click Distribute
- Sign in as your apple developer account
- Submit to app store
- Wait for the confirmation

Fill In Version Information

Users will decide whether or not to install your app based on your store listing.

- Enter all of the information assembled in step 1
- Select the build you wish to tie to the version (Note: This usually appears 10-15 minutes after sending from Xcode)
- Fill in pricing information
- Click Save
- Fix any errors based on the messages that appear and save changes

Submit Version for Review

Every app that is submitted to the store has to be reviewed by the Apple team before release.

- Select the release type
- Manual release – after the app is accepted, a Release button will appear
- Automatic release – as soon as the app is accepted, it will be released
- Wait for approval
- This process usually takes 2-3 weeks for a new submission
- If your app was not approved, review the notes in the Resolution Center and make any necessary changes to the app or version information then resubmit

Release

Enjoy the final, most satisfying step.

- If you selected Manual release, click Release your app when ready
- Wait for the green “Ready for Sale” version status (This might take from 1 hour to 1 day after release)
- Search for your app on the App Store
- Celebrate!

Fastlane

fastlane appstore

```
lane :beta do
  increment_build_number
  build_app
  upload_to_testflight
end

lane :appstore do
  capture_screenshots
  build_app
  upload_to_app_store
  slack
end
```