

FDA My Studies

(Mobile and Web Apps for Research Study Administration)

iOS App Set Up Guidelines Document

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Version 1.0

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Version History

No.	Version #	Description	Key Updates	Date	Type
1.	V1.0	Initial Document		01/19/2018	

1. Introduction

This document explains how to setup FDA My Studies app, Installation of the application on iPhone, the document also explains step by step description on how to distribute application via TestFlight.

2. Requirements

a. IDE

Xcode 9 and above can be used to run application. You can install Xcode from MAC App Store.

b. iOS

Application is supported only on iOS 9,10 & 11 versions.

3. Xcode Setup

After successful installation of xcode follow below steps

a. Setup Developer Credentials

- Open Xcode and go to its **Preference**.
- Click on **Accounts** on top menu.
- Click on + icon and Choose **Apple ID**.
- Sign In with Apple developer account.

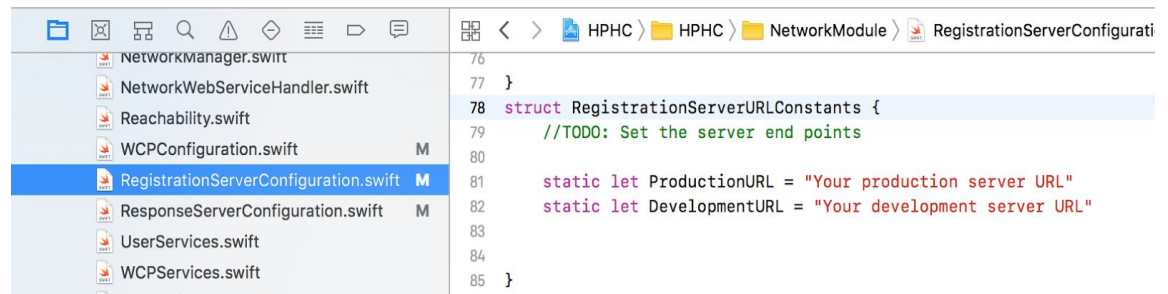
4. How to open Project in Xcode

- Download project from Github or clone.
- To open project in Xcode go to project location on your Mac Machine and look for file named "**HPHC.xcworkspace**" and double tap on it.

5. How to change Server URLs

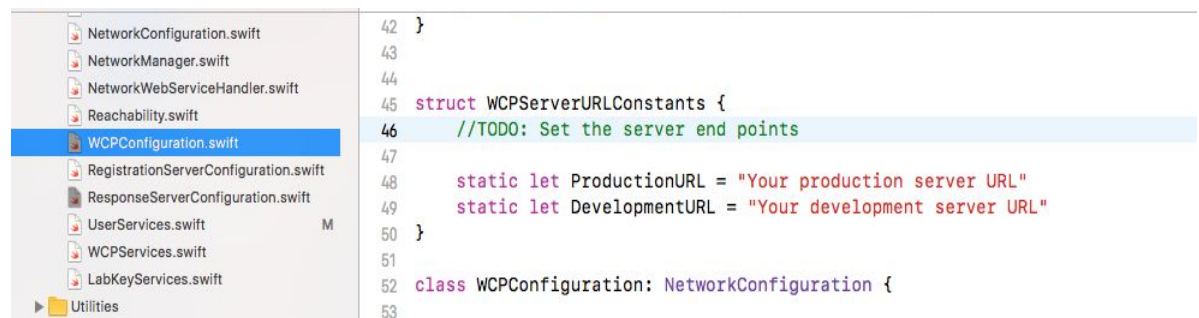
a. Registration Server

Look for "**RegistrationServerConfiguration.swift**" file in Navigator Section and tap on it. Add your Production and Development Server URLs.



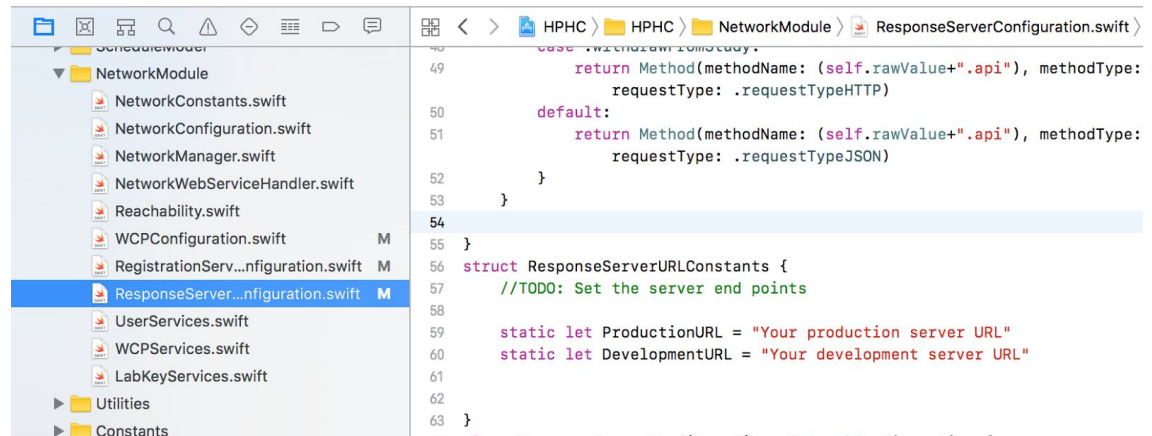
b. WCP Server

Look for “**WCPConfiguration.swift**” file in Navigator Section and tap on it.
Add your Production and Development Server URLs.



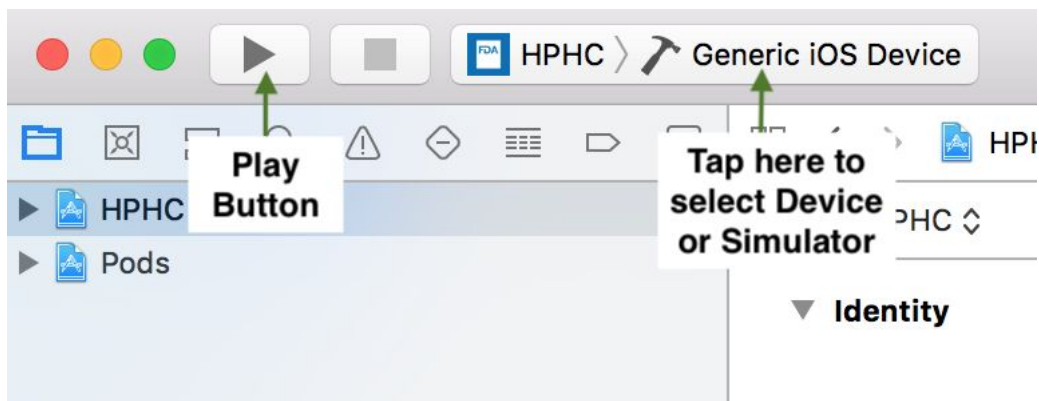
c. Response Server

Look for “**ResponseServerConfiguration.swift**” file in Navigator Section and tap on it.
Add your Production and Development Server URLs.



6. How to Build and Run

Application can be run on iPhone Simulator OR iPhone Device.



Run On Simulator

To Run on Simulator select a simulator from the simulator listing and click on **Play** button.

Run On Device

To build and run application on your iPhone device, connect your phone with power cable to mac machine.

iPhone name will be listed under Device, select iPhone and click on **Play** button

7. How to share build via TestFlight

Create build from Xcode

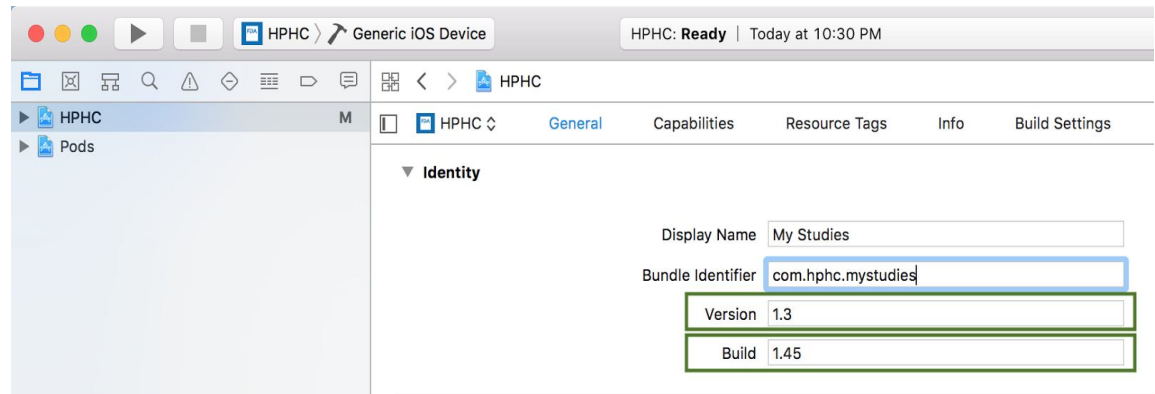
1. Update Version number and Build number

Everytime before uploading app to iTunes connect, version number and build number has to be updated.

In case if you are sharing app for the same version just update build number and it should always be in incremental order.

For example if current version number on iTunes Connect is 2.0 and build number is 11, then next build number should be greater than 11.

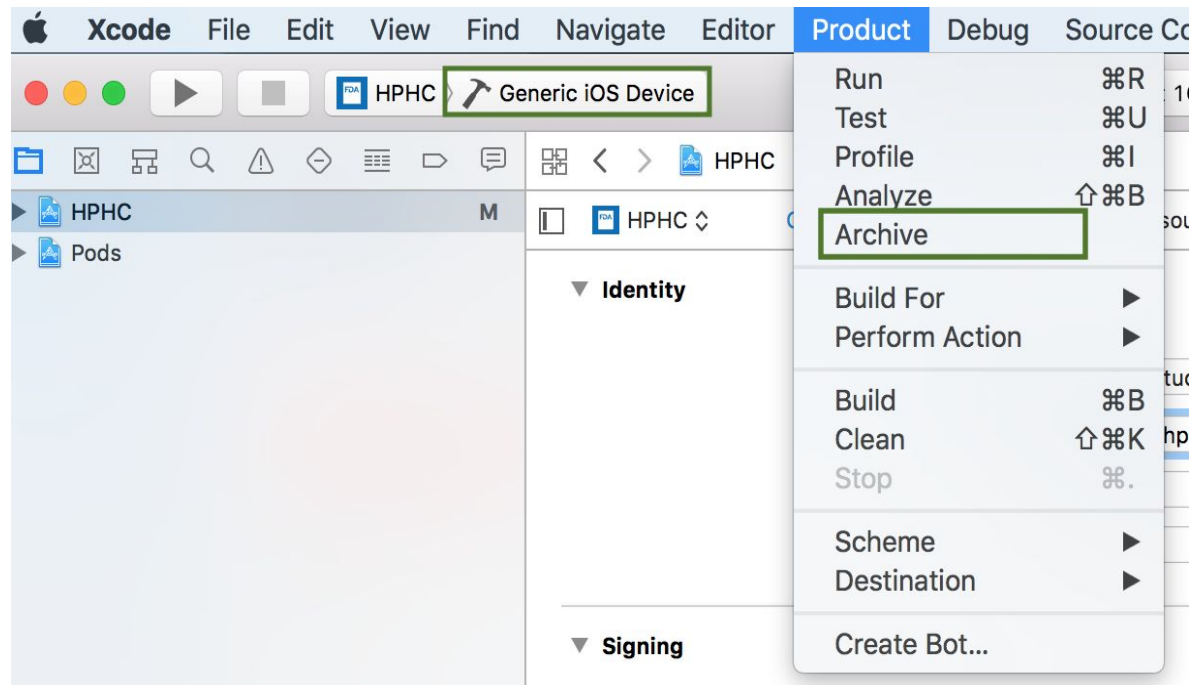
To update version and build number select *HPHC -> General -> HPHC(under Targets)*



2. Create Archive of App

To archive app select “Generic iOS Device” from Device and Simulator listing.

Go to **Products -> Archive**



Archive organizer will appear and display new archive once its finished.


3. Upload app to iTunes Connect

To upload app on iTunes Connect choose the latest archived build and click on “**Upload to App Store**”

Next it will ask a bunch of app distribution option, all the option should be checked and clicked Next.

App Store distribution options:

- ☒ **Include bitcode for iOS content**
Allows the App Store to build your app to take advantage of hardware, software or compiler changes.
- ☒ **Strip Swift symbols**
Reduce app size by stripping symbols from Swift standard libraries.
- ☒ **Upload your app's symbols to receive symbolicated reports from Apple**
Crash logs and other diagnostic information from your customers will be symbolicated and viewable within Xcode.




Tap on '**Automatically manage signing**' and click **Next -> Upload**

Re-sign "FDA":

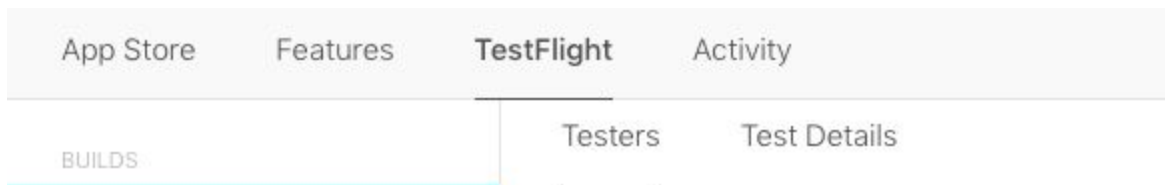
"FDA" needs to be re-signed for App Store distribution. Select one of the following signing options to continue.

- ☒ **Automatically manage signing**
Xcode will create and update profiles, app IDs, and certificates.
- ☐ **Manually manage signing**
Select certificates and profiles from your team.

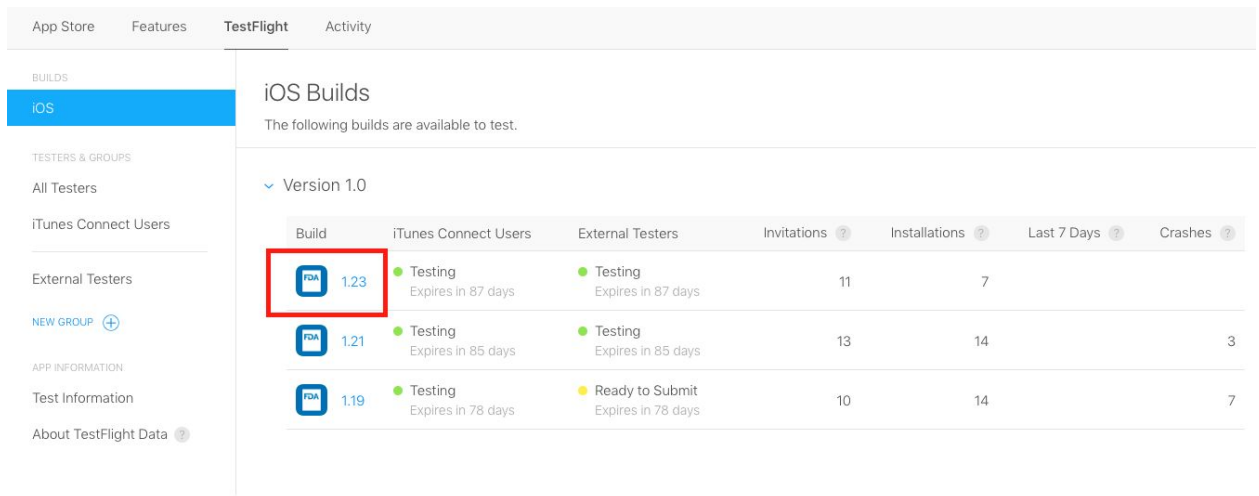


Share application with Testers from iTunes Connect

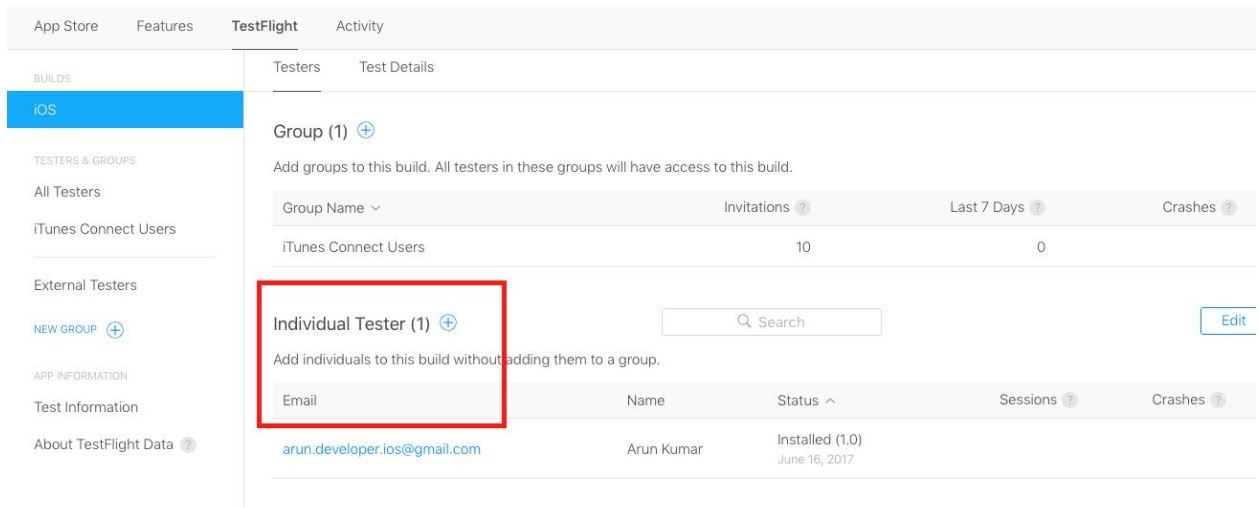
- Go to [iTunesConnect](https://connect.apple.com) and login with your apple developer account.
- After logging click on “My Apps”.
- You will see app listed with app icon. Tap on “FDA My Studies” or App Icon.
- On Top left you will see tab bar with option “App Store, Features, Test Flight, Activity”. Tap on “**Test Flight**”. (see below image)



- Under iOS Build Section, all the build will be listed. Click on latest build number with External Tester enabled with green dot.(see below image)



- You will see a “+” icon near **Individual Tester**, Click on that and tap on “**Add New Testers**”.(see below image)



- Added testers apple Id, First name , Last name and click on Next. (see below image)

Add New Testers to Build 1.0 (1.23)

Add testers to test the build 1.0 (1.23) without adding them to a group.

Testers 1 of 1,997 Available

	Email	First Name	Last Name
1	surenders@boston-technolo	Surender	Rathore
2			
3			

- Uncheck Demo Account option and Tap on **Next**. (see below image)

Add New Testers to Build 1.0 (1.23)

Test Information

Demo Account ?

☒ A demo account is required to use all the features of the app.

Back

Cancel

Next


- Added some text information which you would like them to test and tap on **“Add”**. (see below image)

Add New Testers to Build 1.0 (1.23)

Let your testers know what you would like them to test in this build. This information will be available to testers in all groups who have access to this build.

English (U.S.)

Test Complete App



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Cancel

Add

