WILEY

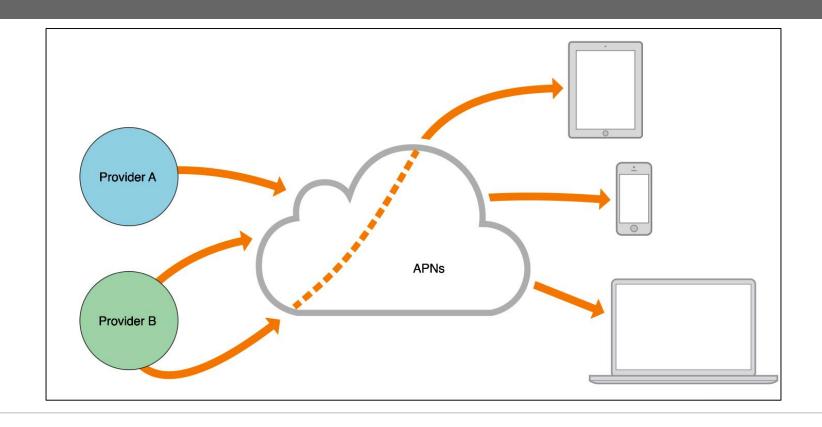
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苹果推送通知



- 通知被传到苹果推送通知(APN)服务器。
- 通知过程是通过安全加密的可信任连接进行的。



苹果推送通知



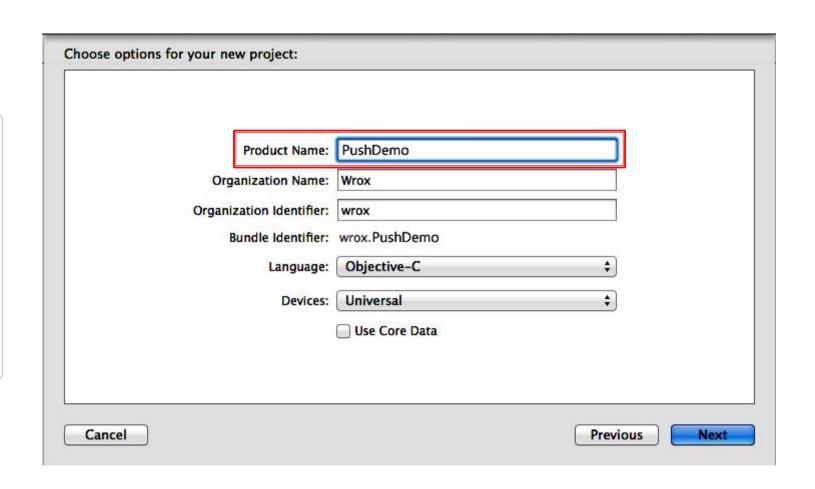
苹果推送通知(APN)服务器是推送通知构架的核心。

设置推送通知



- 选择推送通知提供器 表示为一个过程
- 使用你喜欢的编程语言自定义推送通知提供器
- · Urban Airship 易于使用的基础设施, 易于实现的技术

开启Xcode并使用
Single View
Application模板创建
一个新项目



- 使用推送通知提供器时,添加多个框架及库到你的项目 不同服务提供器会有不同
- 打开项目标的并选择Build Phases选项卡
- 在Link Binary with Libraries部分,添加这些框架和库

- MobileCoreServices.framework
- MapKit.framework
- MessageUI.framework
- Security.framework
- SystemConfiguration.framework
- CoreTelephony.framework

- CoreLocation.framework
- StoreKit.framework
- AudioToolbox.framework
- CFNetwork.framework
- Libsqlite3.dylib
- Libz.dylib

- 添加桥接头,用于导入文件和框架 Bridging-Header.h
- 桥接头让函数对Objective-C和Swift可读
- Swift中的导入格式是import FrameworkName
- 注册你的应用 允许在应用商店中上传应用

Developer Program Resources

Technical Resources and Tools



Dev Centers

Quickly access a range of technical resources. iOS | Mac | Safari



Certificates, Identifiers & Profiles

Manage your certificates, App IDs, devices, and provisioning profiles.

App Store Distribution



App Store Resource Center

Learn about how to prepare for App Store Submission.



iTunes Connect

Submit and manage your apps on the App Store.

Community and Support



Apple Developer Forums

Discuss technical topics with other developers and Apple engineers.



Developer Support

Request technical or developer program support.

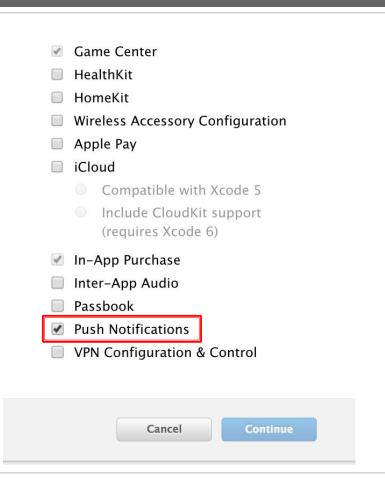
Technical Program





选择 Certificates, **Identifiers &** Profiles选项





App ID Prefix

Value: RS47TWAN54 (Team ID)

App ID Suffix

Explicit App ID

If you plan to incorporate app services such as Game Center, In-App Purchase, Data Protection, and iCloud, or want a provisioning profile unique to a single app, you must register an explicit App ID for your app.

To create an explicit App ID, enter a unique string in the Bundle ID field. This string should match the Bundle ID of your app.

Bundle ID: net.yourdeveloper.com

We recommend using a reverse-domain name style string (i.e., com.domainname.appname). It cannot contain an asterisk (*).

net.yourdeveloper.pushdemo – 反域名风格



Confirm your App ID.

To complete the registration of this App ID, make sure your App ID information is correct, and click the submit button.

App ID Description: PushDemo

Identifier: RS47TWAN54.net.yourdeveloper.com

App Groups: Disabled

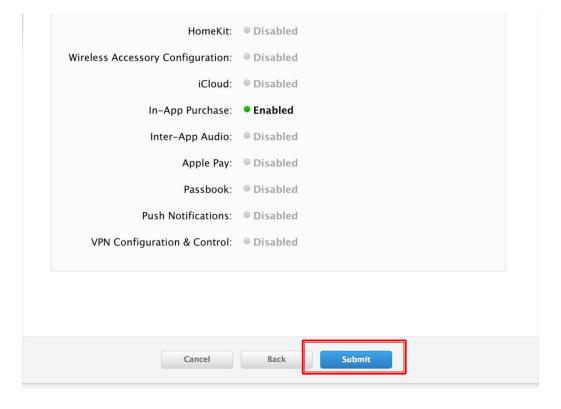
Associated Domains: Disabled

Data Protection: Disabled

Game Center: Enabled

HealthKit: Disabled

HomeKit: Disabled



	Name: PushNotification Prefix: RS47TWAN54 ID: com.asinha.PushNotification		
	Application Services: Service	Development	Distribution
	App Group	Disabled	Disabled
	Associated Domains	Disabled	Disabled
	Data Protection	Disabled	Disabled
	Game Center	Enabled	Enabled
	HealthKit	Disabled	Disabled
	HomeKit	Disabled	Disabled
	Wireless Accessory Configuration	Disabled	Disabled
	iCloud	Disabled	Disabled
	In-App Purchase	Enabled	Enabled
	Inter-App Audio	Disabled	Disabled



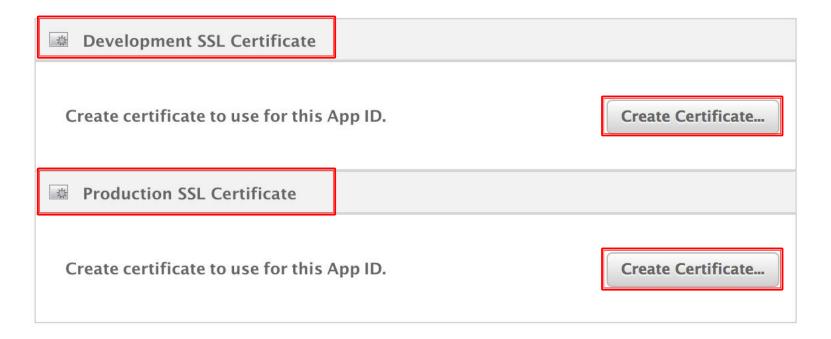
- 证书确保APNS和iOS之间连接的安全
- 证书让你能够签署你的应用
- 证书让提供器能够签署请求,来将 payload发送给服务器

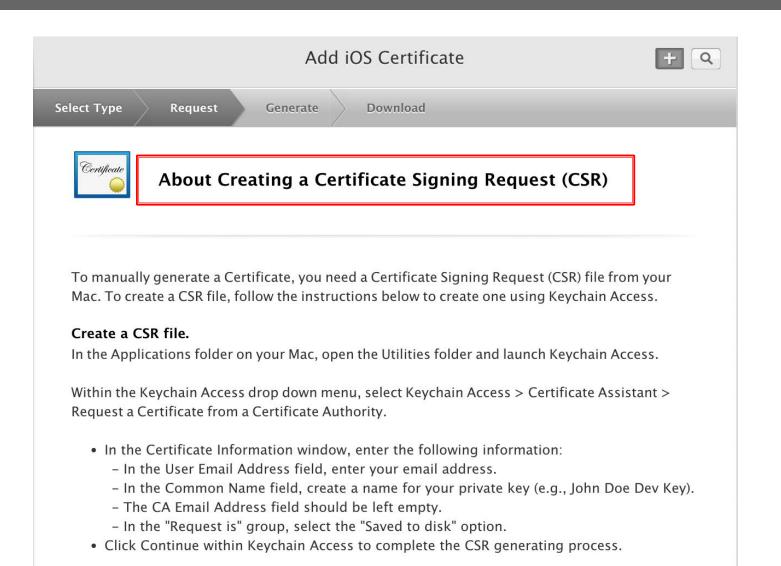


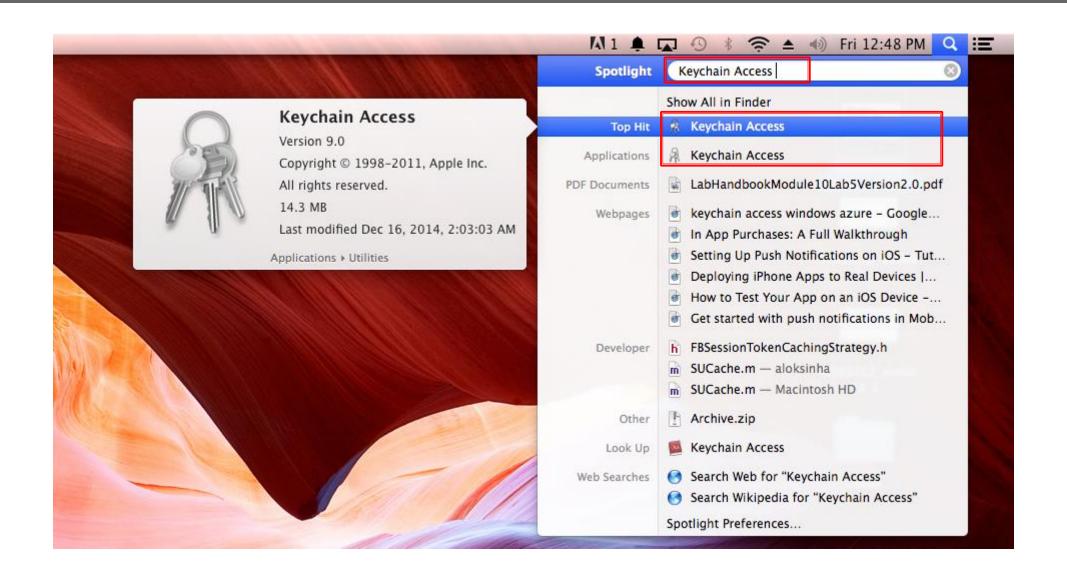


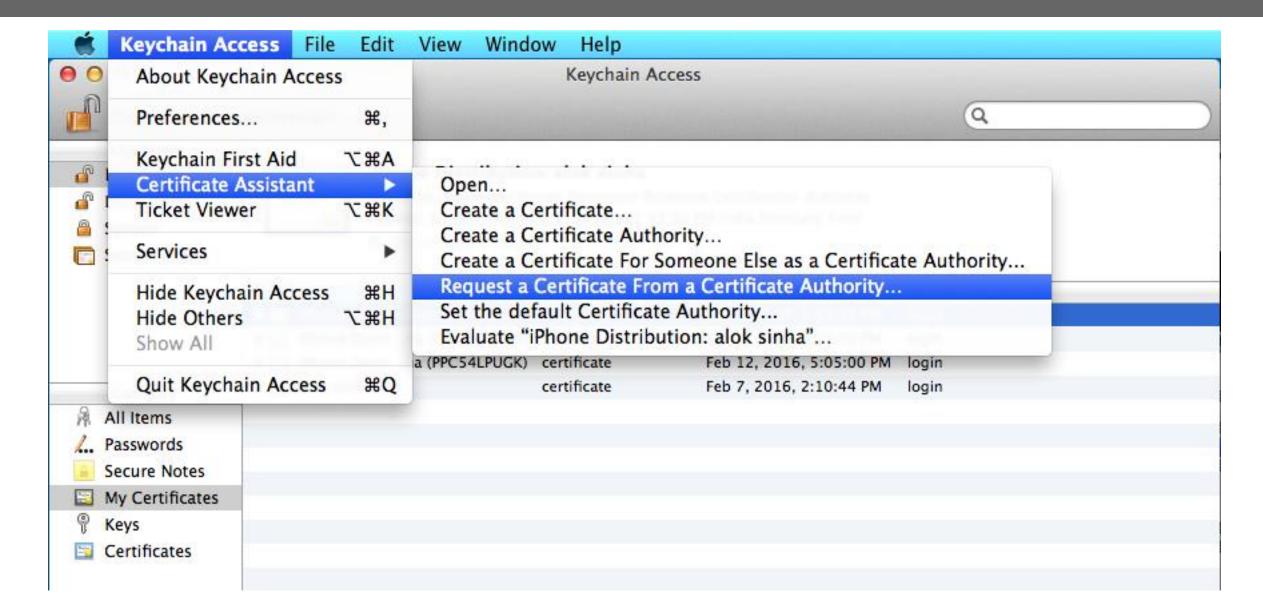
Apple Push Notification service SSL Certificates

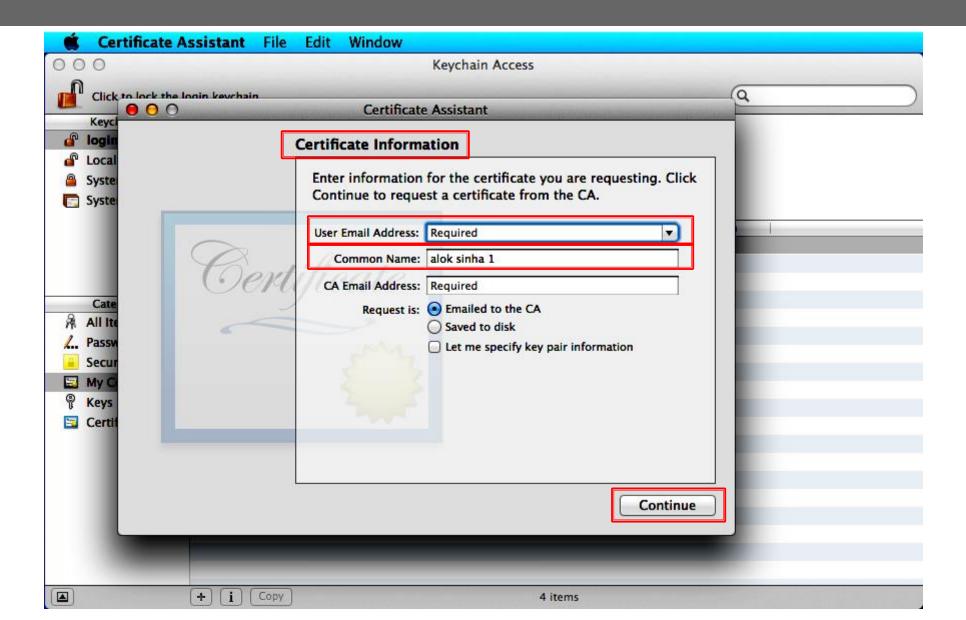
To configure push notifications for this iOS App ID, a Client SSL Certificate that allows your notification server to connect to the Apple Push Notification Service is required. Each iOS App ID requires its own Client SSL Certificate. Manage and generate your certificates below.

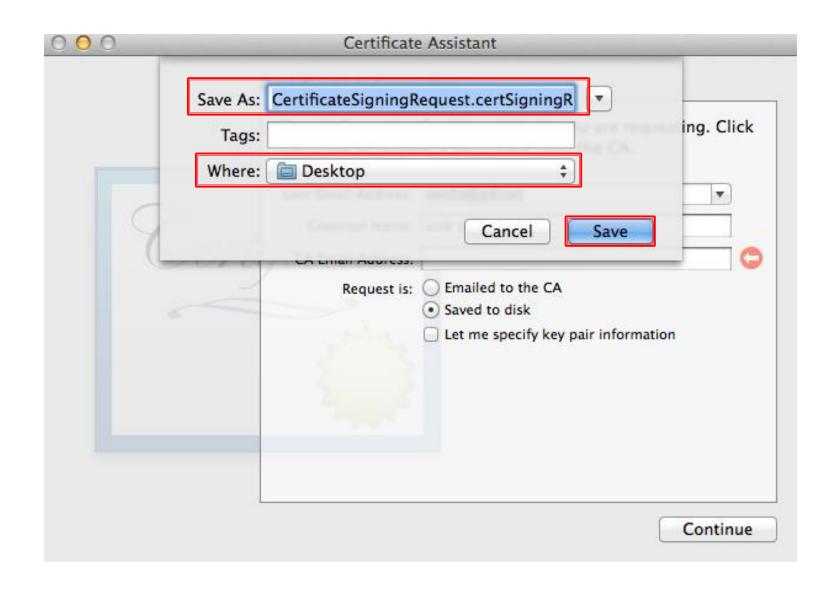


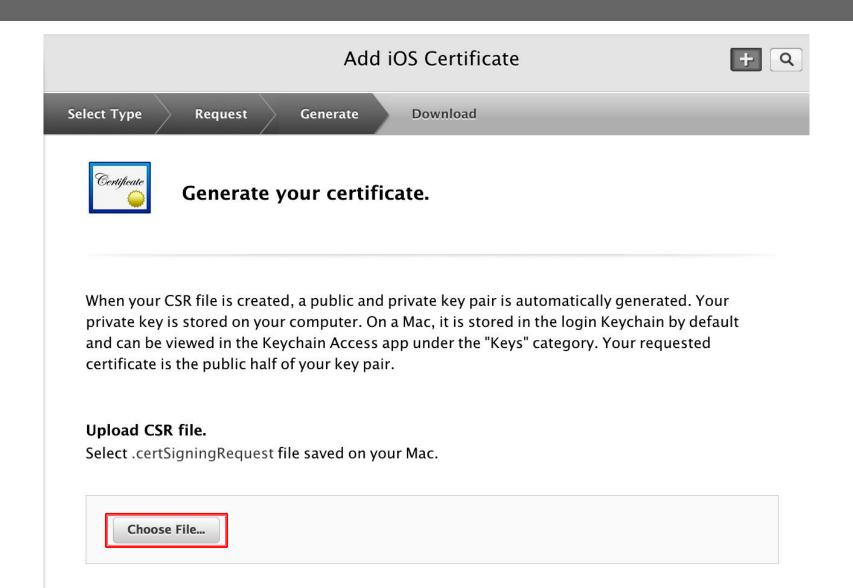














Your certificate is ready.

Download, Install and Backup

Download your certificate to your Mac, then double click the .cer file to install in Keychain Access. Make sure to save a backup copy of your private and public keys somewhere secure.



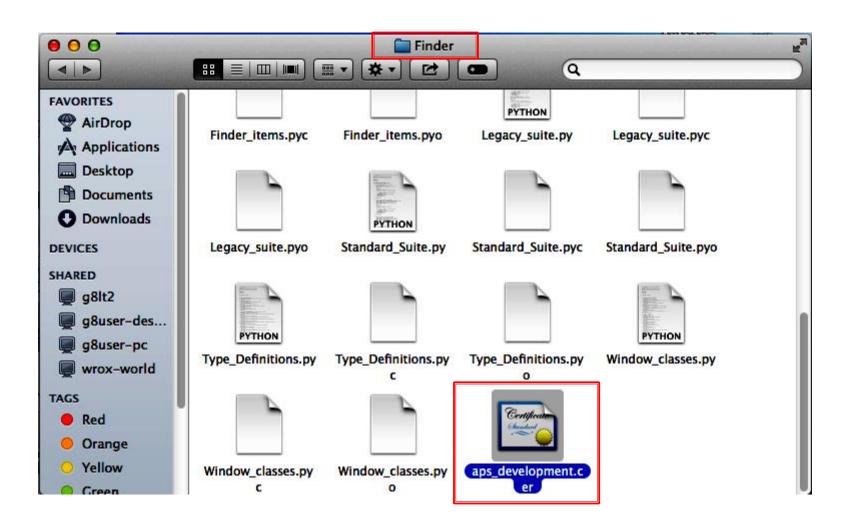
Name: Apple Development iOS Push Services: net.yourdeveloper.g8

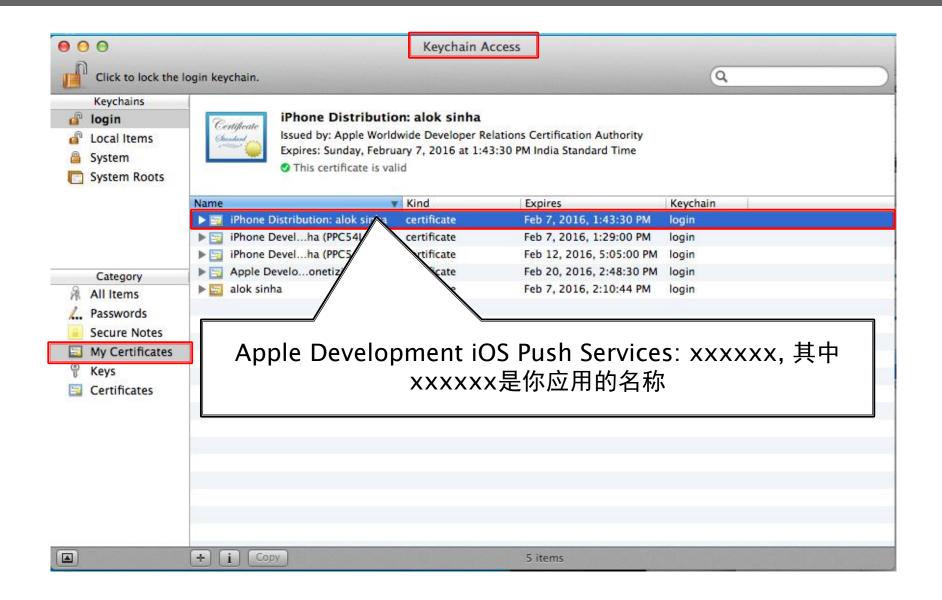
Type: APNs Development iOS

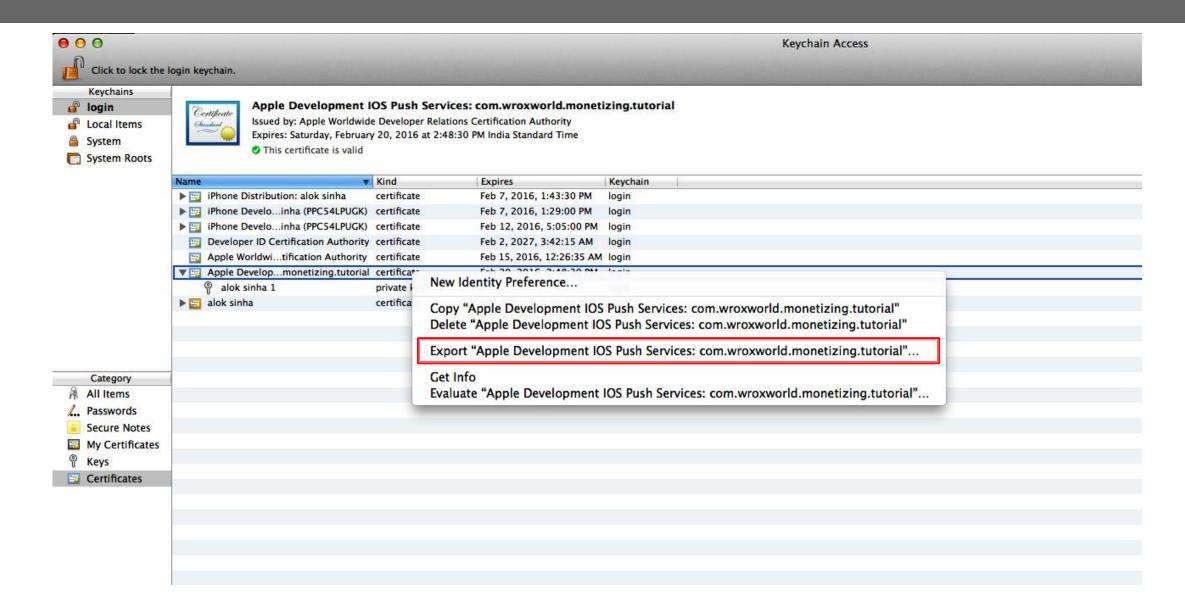
Identifier ID: PushDemo

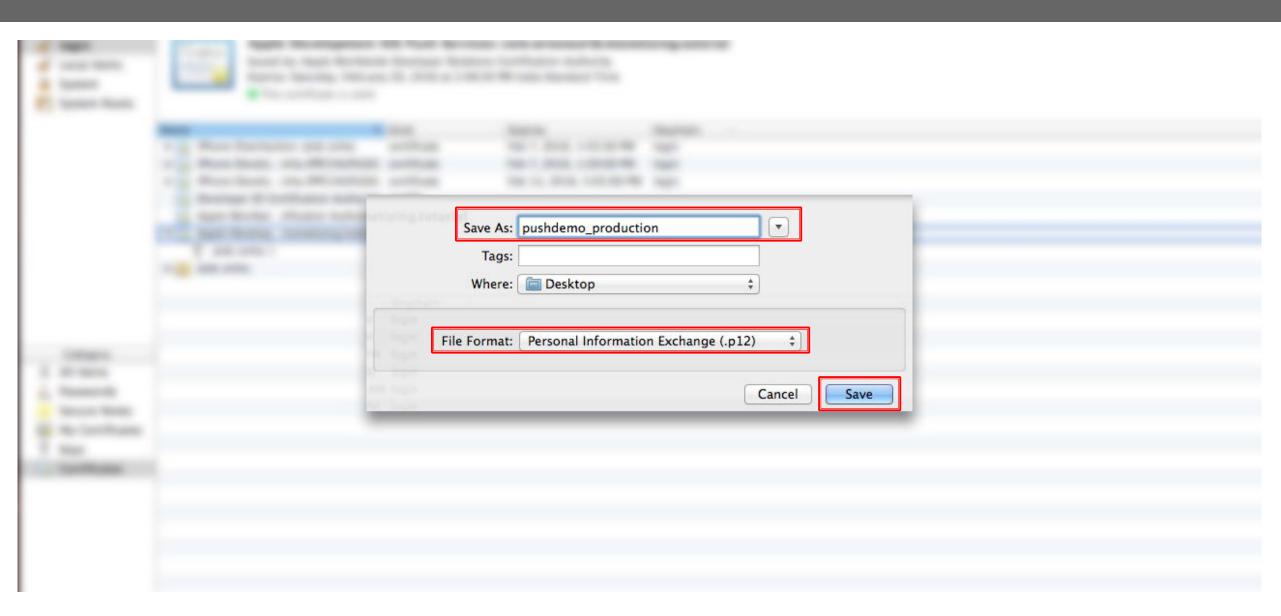
Expires: Jun 22, 2016

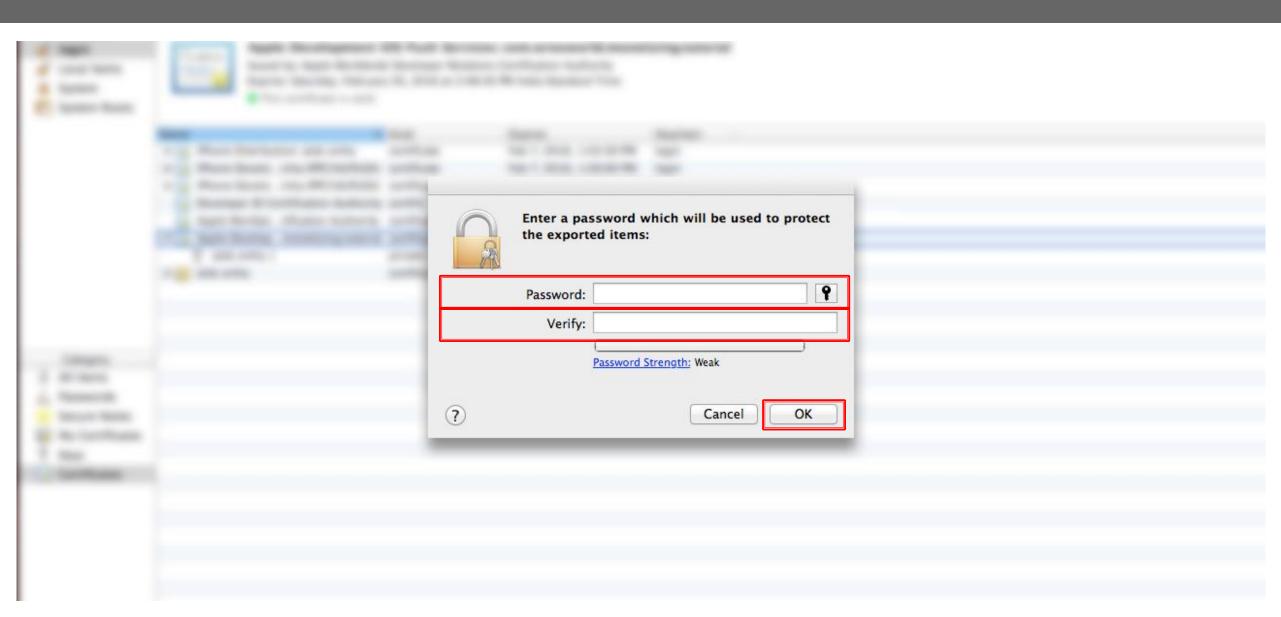
Download











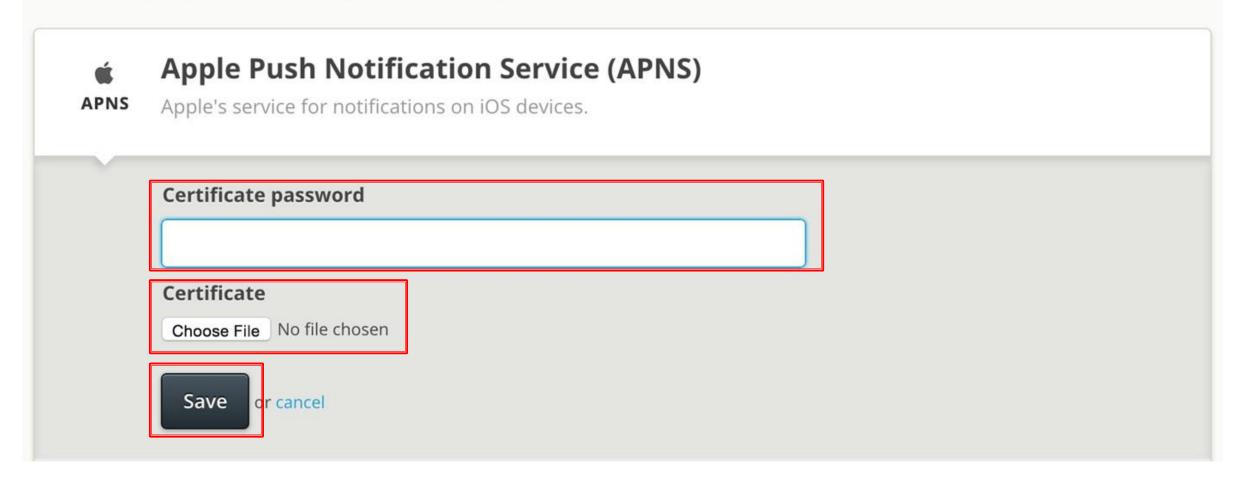


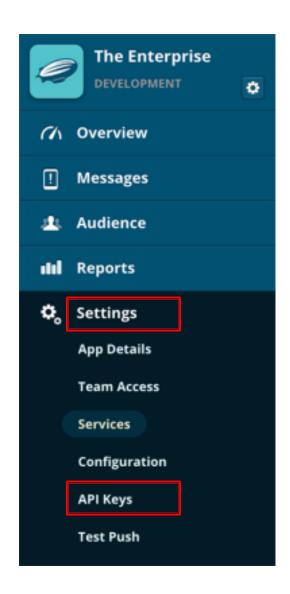
https://go.urbanairship.com/accounts/register/trial/

- 到Apps
- 选择+New App并添加应用
- 命名你的应用
- 上传图标
- 明确配置是用于开发还是生产

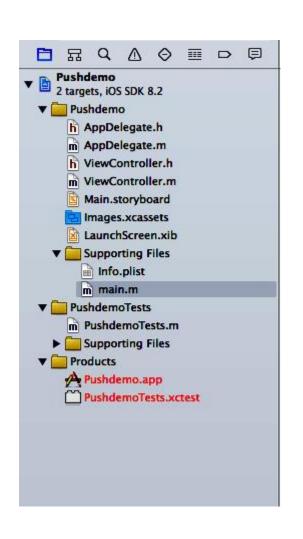
Notification Services

Set up third-party services for integration with our platform.





- 应用编程接口(API)密钥是由计算机程 序传入的代码。
- API密钥确认了调用程序、其开发者及终端用户
- App Key和App Secret对于配置是需要的



- 找到最新稳定iOS库并下载它
- 拖放整个Urban Airship目录结构
- 添加新plist文件,命名为AirshipConfig.plist并进行设置
- 使用App Key和App Secret
- application:didFinishLaunchingWithOptions:

- registerForRemoteNotificationTypes: 响应方法调用
 application:didRegisterForRemoteNotificationsWithDeviceToken: 方
 法,设备令牌被发送给Urban Airship
- 如果APNS服务器在发送payload给这个设备, application:didReceiveRemoteNotification:handleNotification:applic ationState:方法会通过将payload发送给设备令牌被调用。



发送测试推送通知

哪种方法被用于在iOS中注册推送通知?

- a) RegisterNotification
- b) registerForPushNotification
- c) RegisterForAllNotification
- d) registerForRemoteNotificationTypes:



哪种方法被用于在iOS中注册推送通知?

- a) RegisterNotification
- b) registerForPushNotification
- c) RegisterForAllNotification
- d) registerForRemoteNotificationTypes:

总结

推送通知被用于通过发送事件和提醒将用户引回没有登陆的应用。

为应用创建推送通知涉及到:

- 1. 在Xcode中创建项目
- 2. 在应用商店中注册应用
- 3. 配置developer portal
- 4. 数字签署应用
- 5. 为应用在实际设备上运行开通服务,并在实际设备上进行测试
- 6. 注册到推送通知提供器
- 7. 实现推送通知
- 8. 发送推送通知



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