

Creating an APNs certificate for push notifications

Generate a password-protected APNs certificate file with the .p12 extension that is used for push notifications. You can use the .p12 APNs certificate file in the iOS certificate set when you build your iOS mobile app in Pega Platform™.

Prerequisites

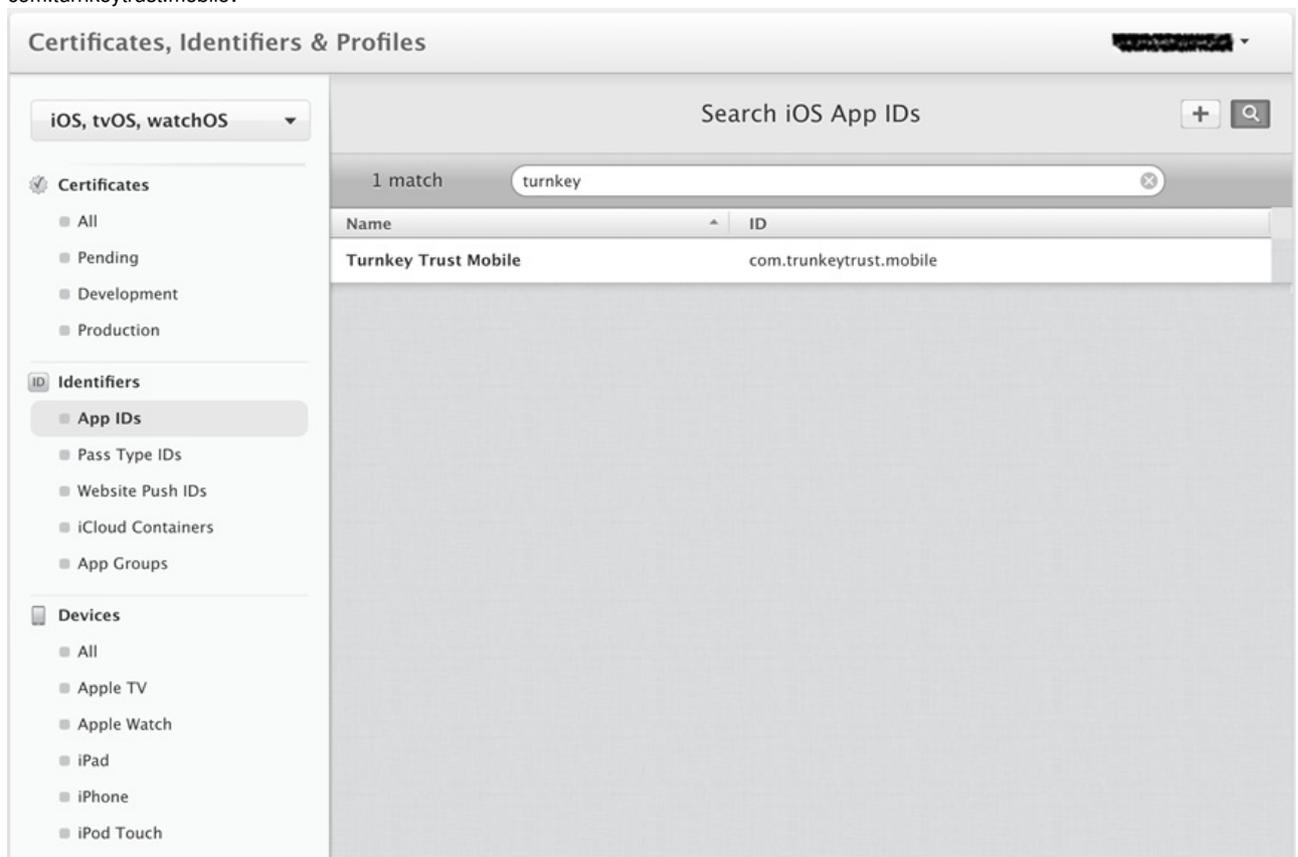
Before you create an APNs certificate for push notifications, ensure that you meet the following prerequisites:

- You are enrolled in the Apple Developer Program. For more information about available enrollment options, see [Choosing a membership](#).
- You have a Mac OS X system.

Creating an APNs certificate for push notifications

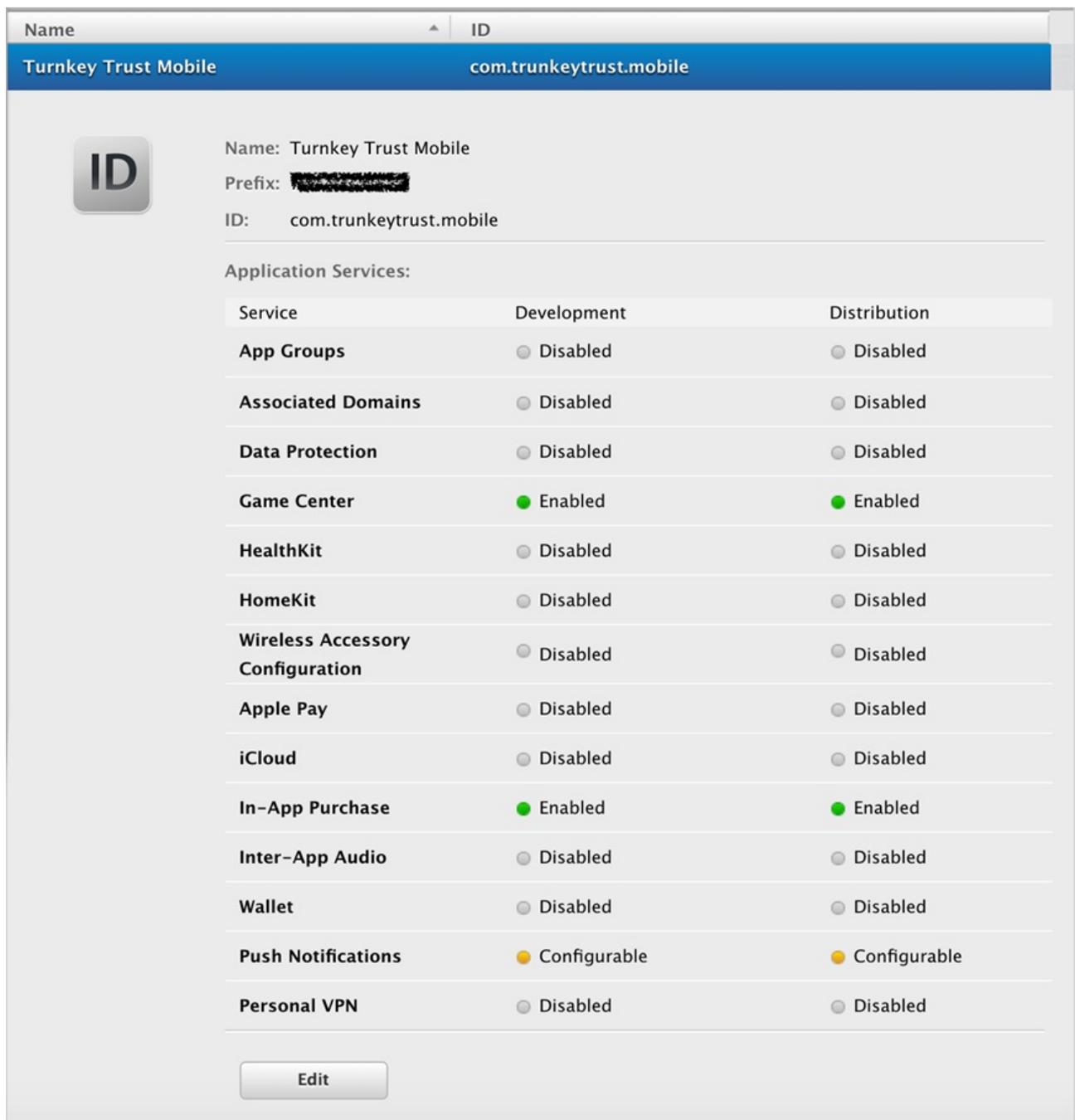
To create an APNs certificate for push notifications, complete the following steps:

1. Sign in to the Apple Developer Portal and click **Identifiers > App IDs**.
2. Find the App ID that was created in the [Create an App ID for the app](#) article of this tutorial: com.turnkeytrust.mobile.



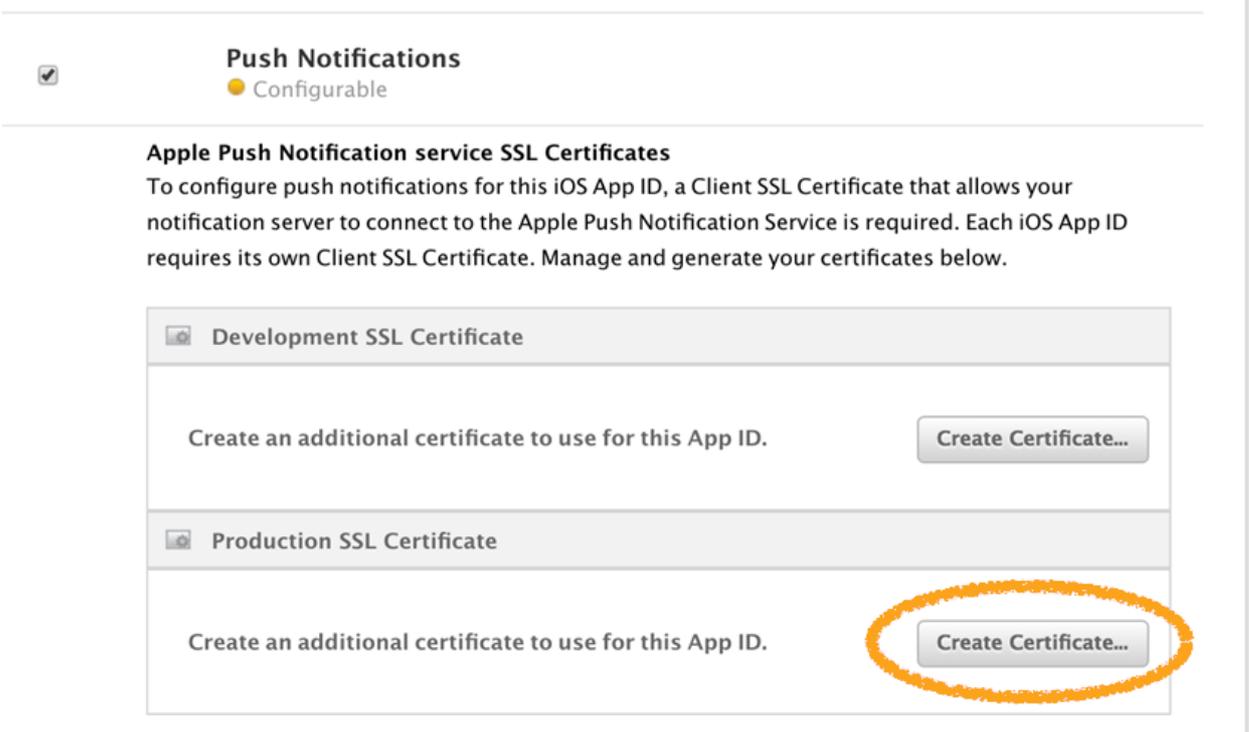
Search iOS App IDs screen

3. View the App ID details.
4. Click **Edit**.



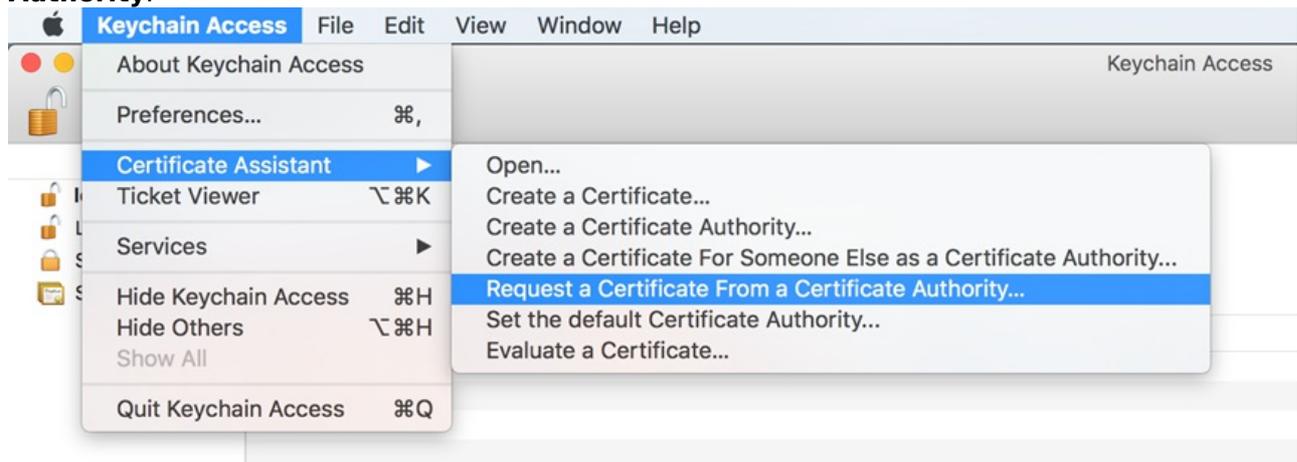
ID screen

5. In the **Services** list, go to the **Push Notifications** section.
6. In the **Production** section, click **Create Certificate**.



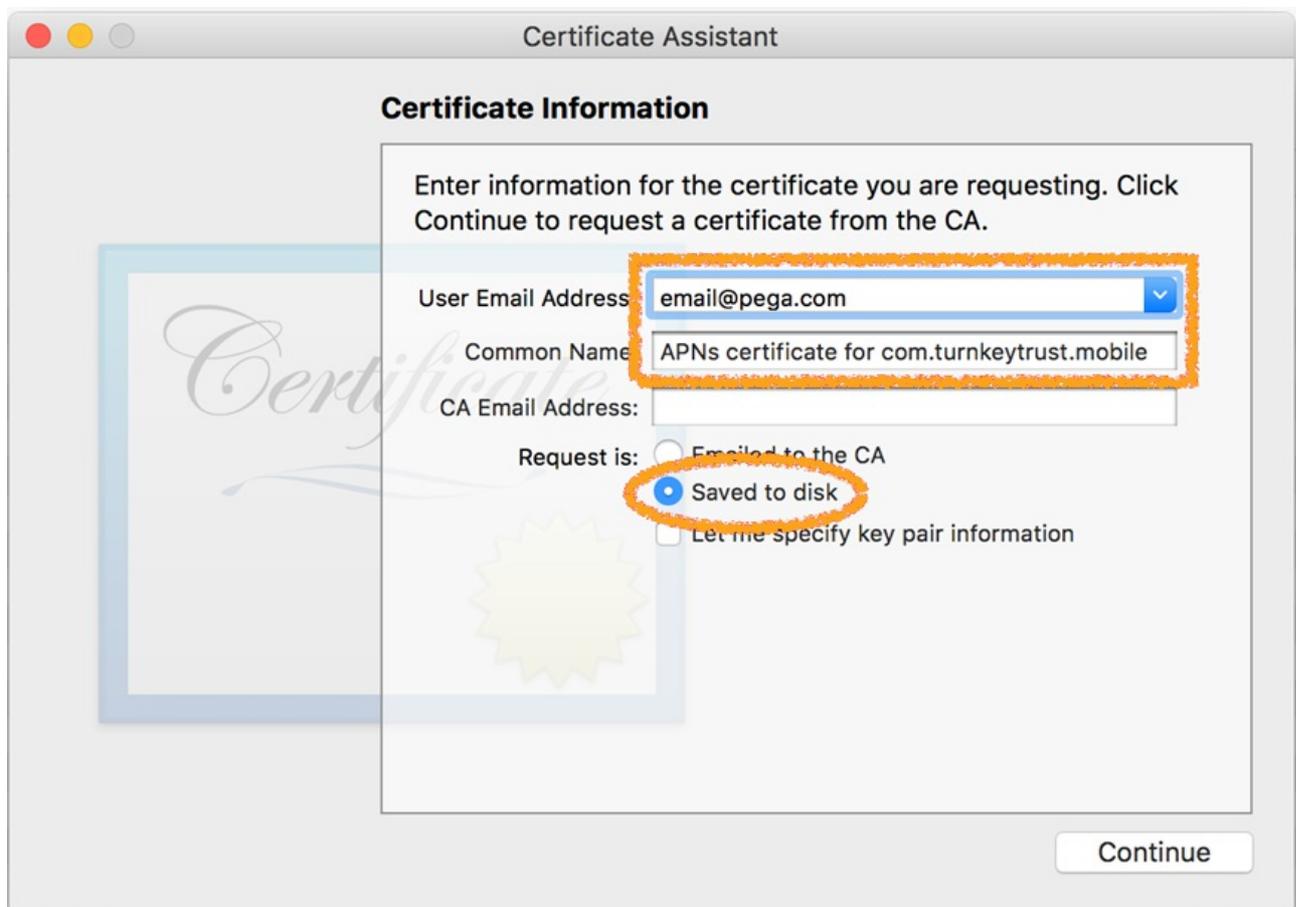
Push Notifications screen

- The next page displays information about how to create a Certificate Signing Request (CSR). On a computer with the Mac OS X operating system, run the **Keychain Access** application. Click **Keychain Access > Certificate Assistant > Request a Certificate From a Certificate Authority**.



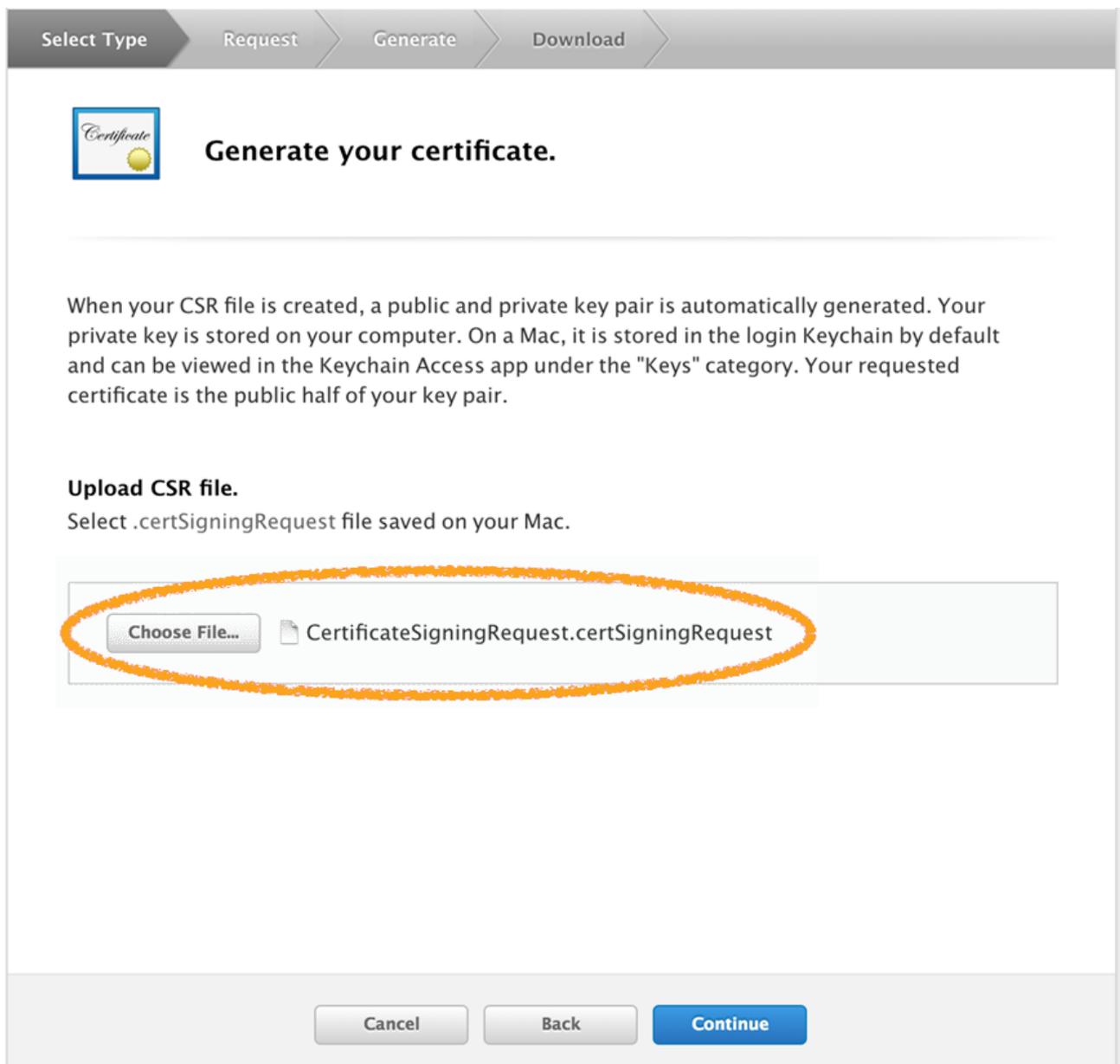
Keychain Access menu option

- On the next page, enter:
 - Your email address.
 - The generated certificate name. It appears in the **Keychain** application, the next time you open it.
- Click **Saved to disk** as the request type.
- Click **Save** and download the generated file to your local computer.



Certificate Information screen

11. Sign in to the Apple Developer Portal again.
12. Click **Choose File** to upload the *.certificateSigningRequest file.



Generate Your Certificate screen

13. Click **Continue**.
14. On the confirmation page, click **Download** to download a generated *.cer file. Make sure to download the file to the same Mac OS X computer where you have previously generated your .csr file.

Select Type Request Generate Download



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 Push Services: com.trunkeytrust.mobile
 Type: Apple Push Services
 Expires: Jul 13, 2017

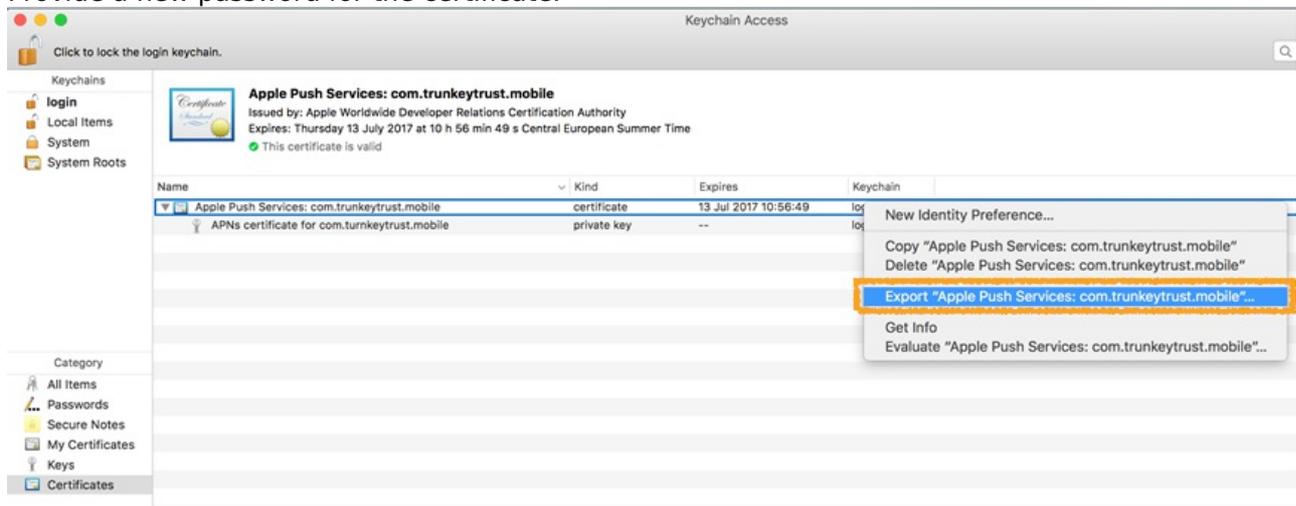
Download

Documentation
 For more information on using and managing your certificates read:
[App Distribution Guide](#)

Add Another Done

Your Certificate is Ready screen

15. Double-click the file to import it to your local keychain.
16. Open the **Keychain** application.
17. Find the new certificate that was created. The private key has the same name as was provided in the **Common Name** field on the CSR generation page.
18. Right-click the certificate.
19. Click **'Export "Apple Push Services: ...'**.
20. From the list, click **p12** as file type.
21. Provide a new password for the certificate.



Keychain Access

Click to lock the login keychain.

Keychains

- login
- Local Items
- System
- System Roots

Category

- All Items
- Passwords
- Secure Notes
- My Certificates
- Keys
- Certificates

Apple Push Services: com.trunkeytrust.mobile
 Issued by: Apple Worldwide Developer Relations Certification Authority
 Expires: Thursday 13 July 2017 at 10 h 56 min 49 s Central European Summer Time
 This certificate is valid

Name	Kind	Expires	Keychain
Apple Push Services: com.trunkeytrust.mobile	certificate	13 Jul 2017 10:56:49	login
APNs certificate for com.trunkeytrust.mobile	private key	--	login

Context Menu:

- New Identity Preference...
- Copy "Apple Push Services: com.trunkeytrust.mobile"
- Delete "Apple Push Services: com.trunkeytrust.mobile"
- Export "Apple Push Services: com.trunkeytrust.mobile"...**
- Get Info
- Evaluate "Apple Push Services: com.trunkeytrust.mobile"...

Export Profile screen

For more information, see [iOS certificate set](#).