Integration Guide for Apple Pay

with Prizm Pay Payment API

Version 1.2

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Table of Contents

1. Changes

Date	Version	Description	Approval
2018-01-26	1.0	Initial	Sandy Au
2018-10-15	1.1	Add examples	Sandy Au
2018-10-30	1.2	Add certificate conversion steps	Sandy Au

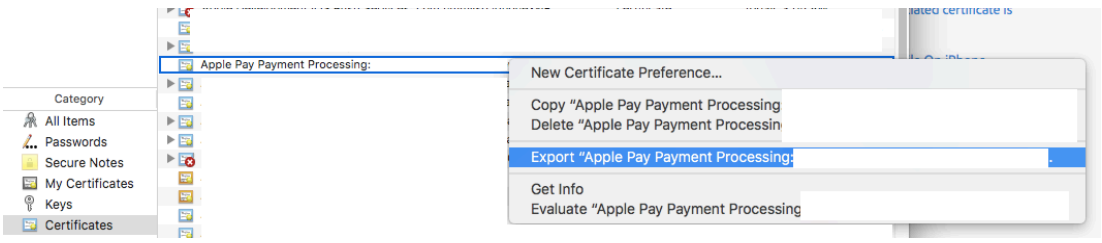
2. Procedure

2.1 Integration Flow

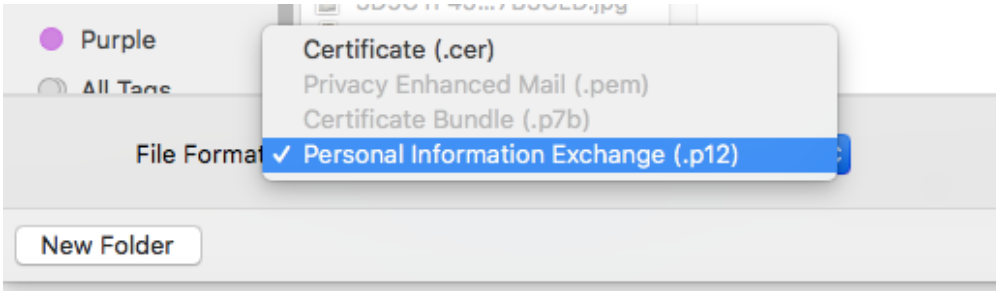
1. Register an Apple Developer Account.
2. Follow the instructions as stated in section `Configure app services` > `Apple Pay` > `Configure Apple Pay on the web` in this guide (https://help.apple.com/developer-account/#/dev1731126fb) to start configuration.
3. From the previous step, a merchant identifier, payment processing certificate(.cer) and merchant identity certificate (.cer) will be obtained. Convert the format of both payment processing certificate and merchant identity certificate from (.cer) to (.p12). (Refer to section 2.2)
4. Send the merchant identifier, payment processing certificate (.p12) and merchant identity certificate (.p12) to Prizm Technical Team.
5. In return, a certificate file (.pem) and private key file (.pem) will be provided by Prizm Technical Team that will be used in merchant validation process (Refer to section 2.4).
6. Start implementing Apple Pay on the web by using Apple Pay JS API.

2.2. Certificate Format Conversion

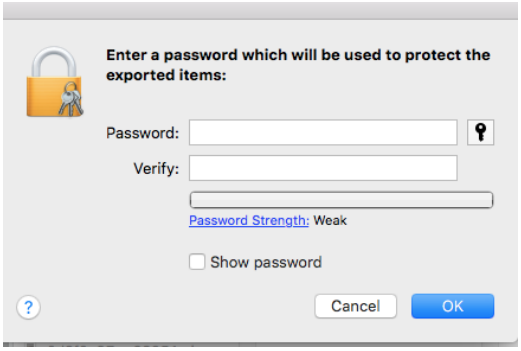
1. Use the computer which generated the (.cer) files of both payment processing certificate and merchant identity certificate.
2. Click on the payment processing certificate (.cer) file and open it in the `Keychain Access` macOS app.
3. Right click on the file, select `Export`.



4. Save the file in format Personal Information Exchange (.p12).



5. Skip the password setting by clicking OK directly.



6. The certificate file with (.p12) will be exported. Repeat the steps on the merchant identity certificate to get (.p12) file of it.

2.3 Apple Pay JS API

Creating Apple Pay session, validating merchant and handling payment authorization by using Apple Pay JS API. Refer to apple-pay.js for the coding example. You may also find more details in the Apple Pay JS API documentation. (https://developer.apple.com/documentation/apple_pay_on_the_web/apple_pay_js_api)

2.4 Validating Merchant Identity

Use Apple Pay JS API to call the session object's onvalidatemerchant event handler. Send the request from your server to the event's validationURL property. The certificate file (.pem) and private key file (.pem) obtained from Prizm should be also passed in the request. Refer to validate-merchant.php for coding example.

2.5 Payment Authorize/ Sale

Use the Apple Pay JS API to call the session object's onpaymentauthorized event handler. Pass the request with the payment token from your server to Prizm Pay Authorize/ Sale API to complete payment. Refer to payment.php for coding example.

3. Payment Flow