
OPTiM

Optimal Biz Apple Push Certificate Annual Update Manual

Last update date October 16, 2022
(Website ver.9.13.1)
OPTiM Corporation

Getting Started

Purpose of this manual


This manual explains the operation of annual update of Apple Push certificate.

For the basic operation on the management site and details of each setting item, refer to the following.

 <Management Site Reference Manual>





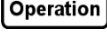


How to read this manual

Check the following before reading this manual.

 In this manual, descriptions about iOS devices also apply to iPad OS devices unless otherwise mentioned.


◆ About the symbol/mark

The marks and symbols used in the manual are as follows.

| Symbol/mark | Description |
|---|---|
| [] | Menu name, button name, tab name and link name |
| " " | Function name, item name, reference destination in the manual, etc. |
| < > | Manual name and document name |
| ⇒ | Operation result and accompanying operation |
|  | Manual and document to be referenced |
|  | Reference in the manual and the link to the website |
|  | What to watch out for |
|  | Points of using and operation and what is convenient to know |
|  | Menu operation for displaying the corresponding screen in the explanation of the screen Ex.)  [Settings]→[iOS]→[Application]→[Application Distribution]→  |

◆ About the screen

- In this manual, the user type is for "administrator". When logging in to the management site other than the user type "administrator", editing and browsing are restricted according to the user type. For details, refer to the following.

 "Create a user" - "List" - "User" in <Management Site Reference Manual>

- The version notation on the screen may differ from the actual one.
- Some screens and operations may differ depending on the OS version and the browser to be used. In this manual, we explain using the screen displayed in Google Chrome .

About website URL

URLs of websites other than our company described in the manual are subject to change without notice.

About trademark

- iOS, iPad, and Mac are trademarks of Apple Inc.
- Company names and product names mentioned are trademarks and registered trademarks of each company.

Table of contents

1 Updating Apple Push certificate 4

 1.1 Confirming the expiration date of Apple Push cetificate 5

 1.2 Downloading Apple Push certificate 6

 1.3 Uploading the Apple Push certificate to Optimal Biz 11

1 Updating Apple Push certificate

Describes the following items.

| Item | Page |
|--|--------------------|
| Confirming the expiration date of Apple Push certificate | 5 |
| Downloading Apple Push certificate | 6 |
| Uploading the Apple Push certificate to Optimal Biz | 11 |

1.1 Confirming the expiration date of Apple Push cetificate

The Apple Push Notification Service (APNS) certificate (hereinafter called "Apple Push certificate") provided by Apple Inc. needs to be updated every year.

Confirm the expiration of the Apple Push certificate on the dashboard of Optimal Biz, and then update it as necessary. For details on how to update the Apple Push certificate, refer to the following pages.

☑ Note that the following failures will occur if the Apple Push certificate expires.

- Communication between iOS/Mac OS devices and the Optimal Biz server cannot be performed.
- You cannot manage devices and use functions including remote wipe and remote lock.

☑ If the value of "Topic" is the same as before after you update the Apple Push certificate that expires, synchronize each device manually from the management site. On the other hand, if the value of "Topic" is the different than before, re-install the configuration profile.

[1] Click [Optimal Biz].

⇒(A) "Expiration Date".is displayed on the dashboard.

☑ When the expiration date of the Apple Push certificate becomes less than 60 days, (A) is indicated in red. In this case, we recommend updating the Apple Push certificate immediately.

☑ You can also confirm the expiration date on the screen displayed by clocking [Settings]→[Service Environment Setting]→[Apple Push Certificate].

The screenshot shows the Optimal Biz dashboard. The top navigation bar includes links for Assets, User, Organization, Settings, Log, and Related Service. The main content area features several widgets. A red box labeled '1' highlights the 'Optimal Biz' link in the top navigation bar. Another red box labeled '(A)' highlights the 'Expiration Date: 2019/04/13' in the 'Register Apple Push Certificate' widget. The dashboard also displays incident counts (4 Not started, 0 Progressing), usage statistics (Number of User License, Number of Device License, Number of Device Licenses limited to Asset Management), and a 'Here Easy Setup' button.

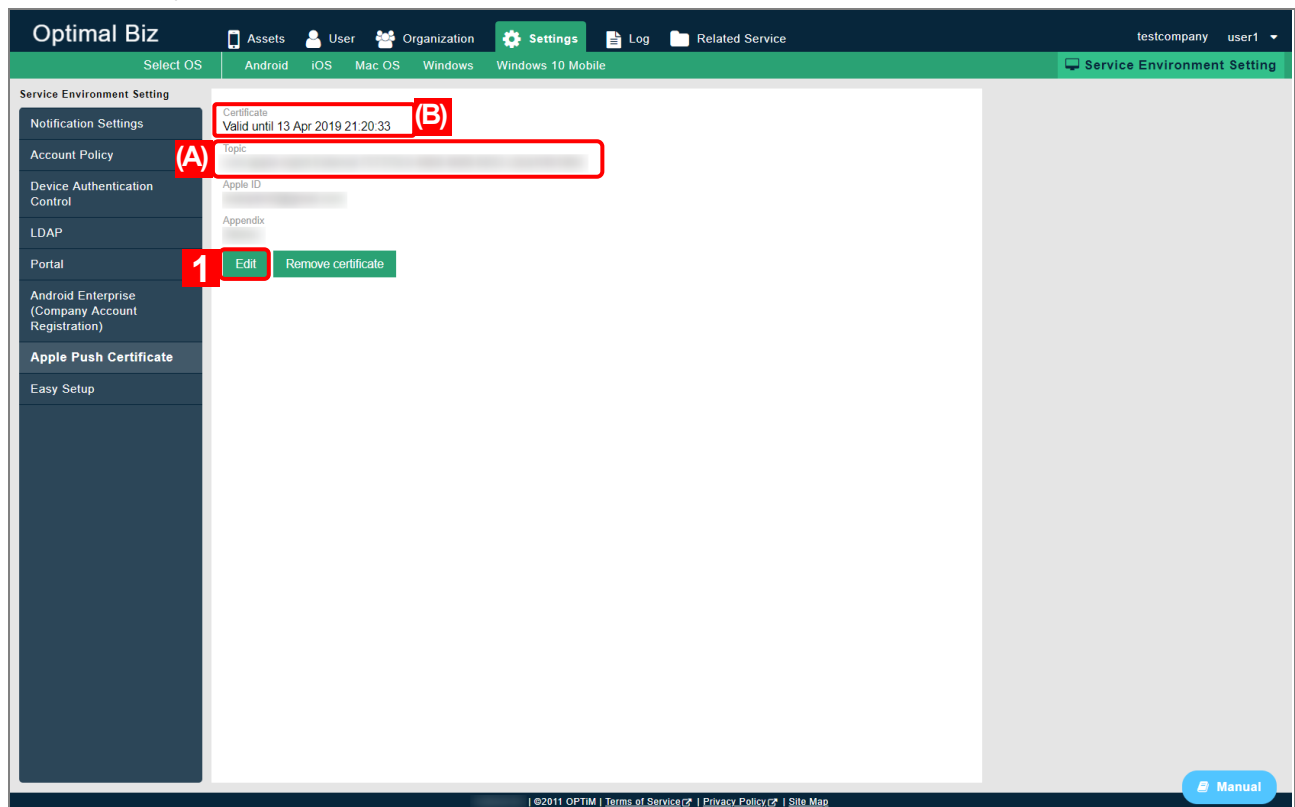
1.2 Downloading Apple Push certificate

Download the files required for updating from the management site of Optimal Biz. Then, download the Apple Push certificate from the Apple Push Certificate Portal site

[1] Click [Settings]→[Service Environment Setting]→[Apple Push Certificate]→[Edit].

☑ Note down the value of (A) "Topic". It is required to confirm the Apple Push certificate.

✍ The expiration date of the current Apple Push certificate is displayed in (B). When it becomes less than 60 days, it is indicated in red.



[2] Click "Download" in "Generating and downloading a signed certificate request (CSR) file".

⇒Download of files required to register the Apple Push certificate will be started. Specify anywhere on the computer and save them.

[3] Click "<https://identity.apple.com/pushcert/>" in "2. Get certification file".

⇒The Apple Push Certificates Portal site is displayed. Perform procedure from steps **[4]** on the Apple Push Certificates Portal site.

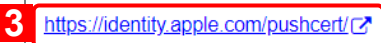
❗Internet Explorer cannot display the Apple Push Certificates Portal site. Use a browser such as Safari, Google Chrome, or Firefox.

1. Generate and download a signed certificate signing request(CSR) file

Download a signed certificate signing request (CSR) file.

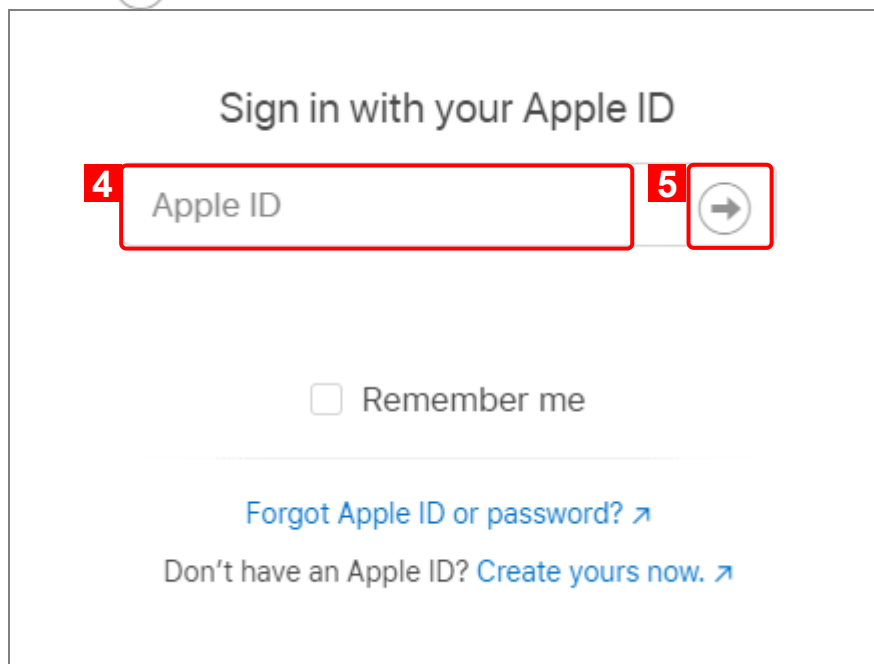
**2. Get certification file**

Please click the following link and log in to "Apple Push Certificates Portal" to acquire certificate. Certification file is acquired by uploading the certificate signing request (CSR).




*Apple push certificates Portal does not work on Internet Explorer, please open it on the other browser, for example, Safari, Google Chrome or Firefox.

* You need to update a certification once a year. You cannot use this product after your certification expires.

[4] Enter an Apple ID.**[5] Click →.**


Sign in with your Apple ID

4 **5** 

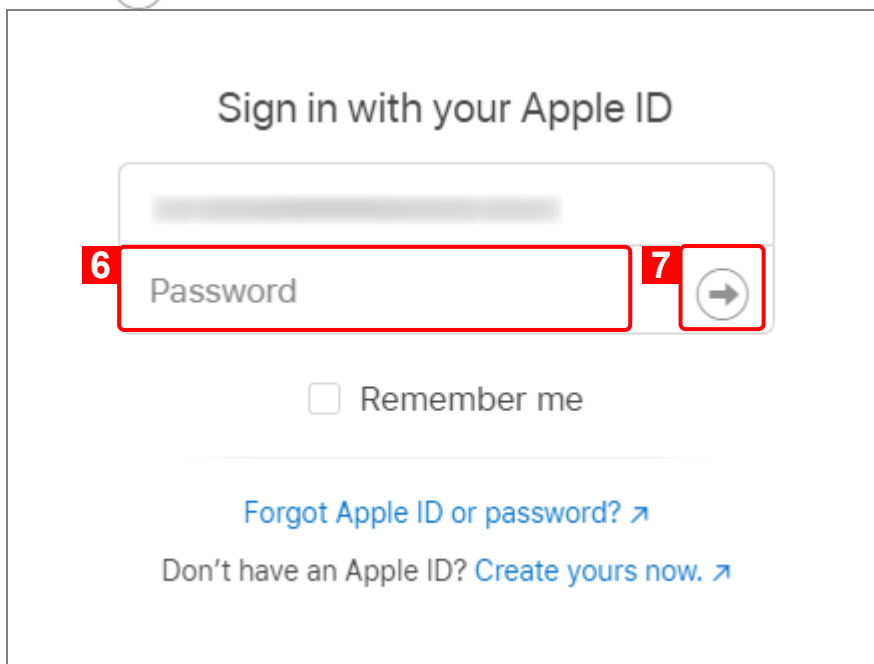
☐ Remember me

[Forgot Apple ID or password? ↗](#)


Don't have an Apple ID? [Create yours now. ↗](#)

[6] The password input field appears. Enter a password.。

[7] Click → .



Sign in with your Apple ID

6 Password **7** 


☐ Remember me

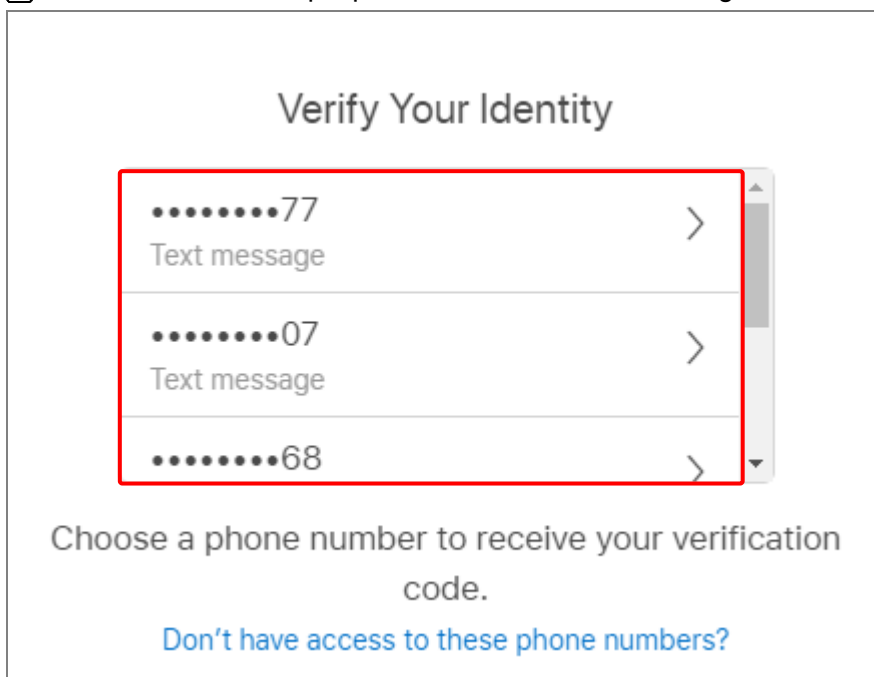
[Forgot Apple ID or password? ↗](#)

Don't have an Apple ID? [Create yours now. ↗](#)

[8] Choose a phone number to receive a verification code.

⇒ The chosen phone number will receive a verification code.

 Make a choice if multiple phone numbers have been registered.



Verify Your Identity

| | |
|--------------|---|
|77 | > |
| Text message | |
|07 | > |
| Text message | |
|68 | > |

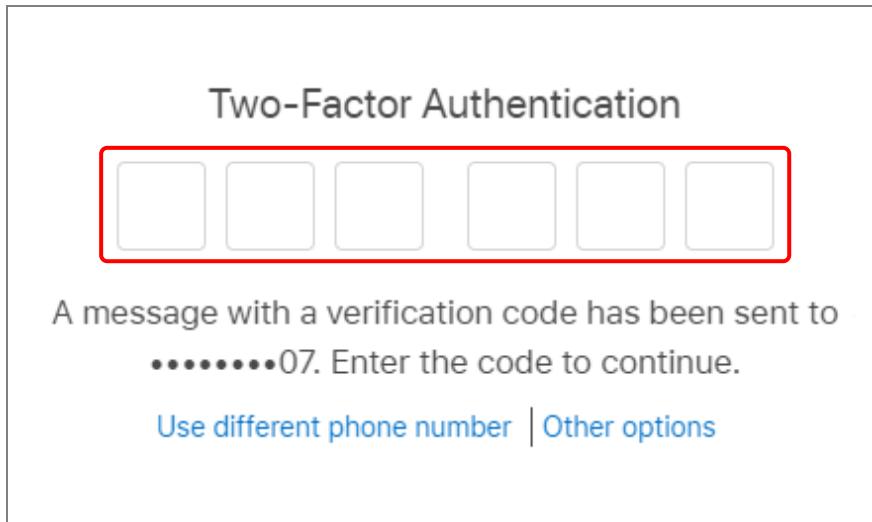
Choose a phone number to receive your verification code.

[Don't have access to these phone numbers?](#)

[9] Check the phone number you specified in step [8], and enter the verification code.

⇒ If you enter the 6-digit number, the next screen will appear automatically.

✎ If you entered an incorrect verification code, the screen in step [4] will automatically appear.



Two-Factor Authentication

A message with a verification code has been sent to07. Enter the code to continue.

[Use different phone number](#) | [Other options](#)

[10] Click [Renew] for the Apple Push certificate you want to update.

✎ Click (A) ⓘ to display detailed information of the Apple Push certificate. Confirm that the value following to "UID =" and the value of "Topic" noted down in step [1] are identical. If this is not the case, select another Apple Push certificate whose value is identical with the value noted down.

Certificates for Third-Party Servers

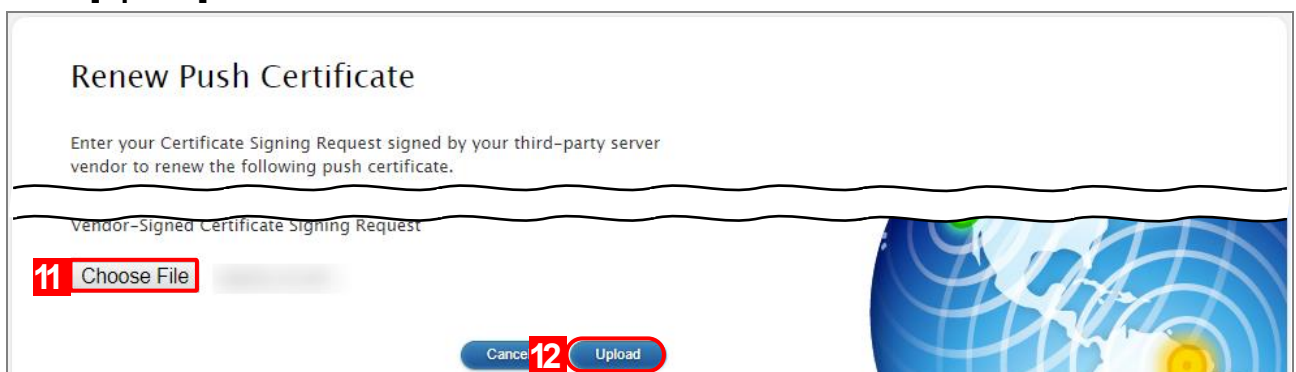
Create a Certificate

| Service | Vendor | Expiration Date* | Status | Actions | | |
|--------------------------|----------------|------------------|--------------|---------|----------|--------|
| Mobile Device Management | Apple Pushover | Feb 21, 2016 | Expired ⓘ | Renew | Download | Revoke |
| Mobile Device Management | Apple Pushover | Feb 24, 2016 | Expired ⓘ | Renew | Download | Revoke |
| Mobile Device Management | Apple Pushover | Feb 20, 2019 | Active ⓘ | Renew | Download | Revoke |
| Mobile Device Management | Apple Pushover | Feb 21, 2019 | Active ⓘ (A) | Renew | Download | Revoke |

[11] Click [Choose File] to specify the file downloaded in step [2] .

⇒ The chosen file name is displayed on the right side of [Choose File].

✎ Depending on the browser, the notation for "Choose File" may be different.

[12] Click [Upload].


Renew Push Certificate

Enter your Certificate Signing Request signed by your third-party server vendor to renew the following push certificate.


Vendor-Signed Certificate Signing Request

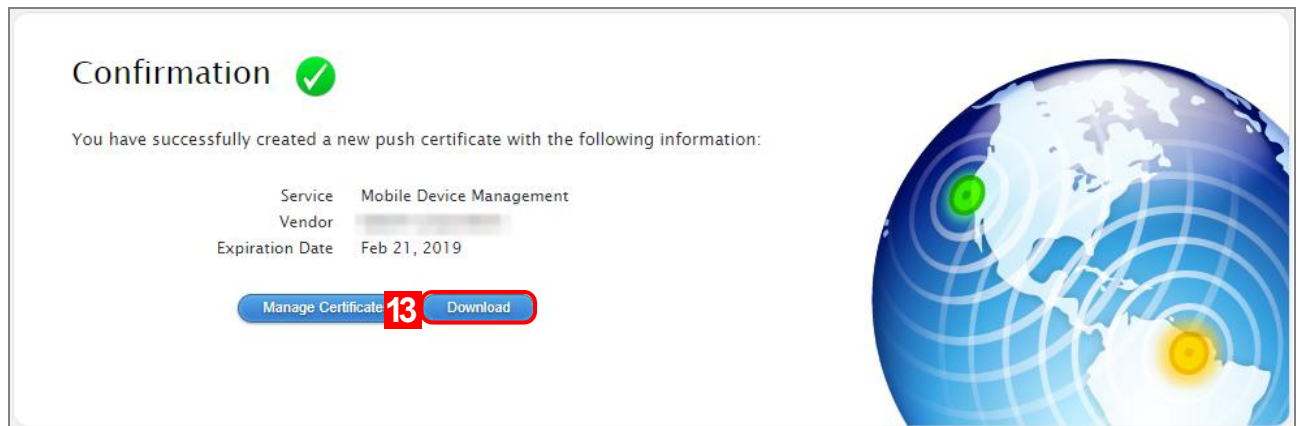
11 Choose File

[Cancel](#) 12 [Upload](#)

[13] Click [Download].

⇒Downloading of the Apple Push certificate starts. Specify anywhere on the computer and save it.

 Refer to the following page continuously, and then upload the downloaded Apple Push certificate to Optimal Biz.



1.3 Uploading the Apple Push certificate to Optimal Biz

Upload the downloaded Apple Push certificate to the management site of Optimal Biz. Perform the following procedure on the management site.

[1] Click [Choose File] in "3. Register Certificate File" to specify the file downloaded in step 0 on the previous page.

⇒The chosen file name is displayed on the right side of [Choose File].

☑ Enter the Apple ID used when issuing the Apple Push certificate in (A) "Apple ID".

☑ Depending on the browser, the notation for "Choose File" may be different.

[2] Click [Save].

⇒The screen switches when the updating of the Apple Push certificate is complete, and then (A) "Changed setting." is displayed.