

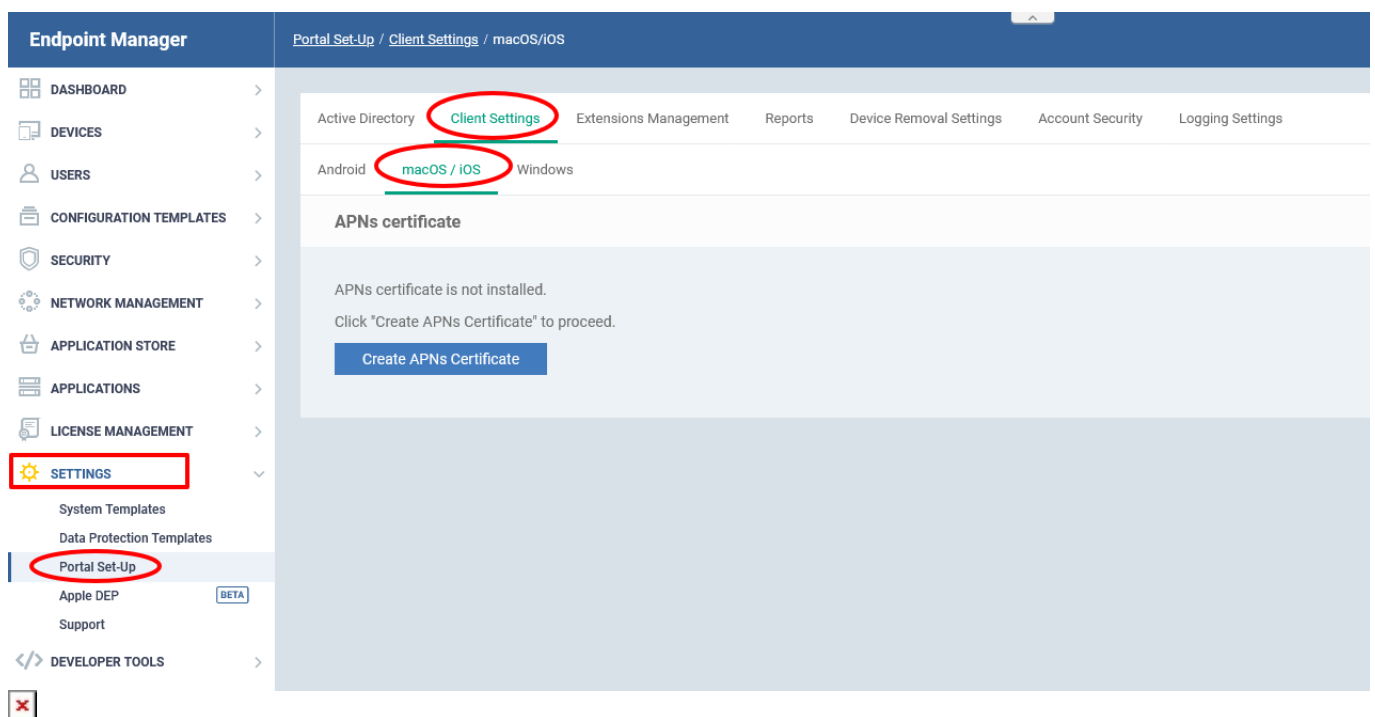
How to add Apple Push Notification (APN) certificate to Endpoint Manager

Open Endpoint Manager > Click 'Settings' > 'Portal Set-Up' > 'Client Settings' > 'macOS / iOS'

- You need to install an Apple Push Notification (APN) certificate on your Endpoint Manager portal in order to communicate with iOS and Mac devices.
- You can enroll for an APN certificate using your Apple account. If you do not have an Apple account then please create one at <https://appleid.apple.com>. A free account is enough.
- The certificate is valid for one year. EM will remind you when your certificate is nearing expiry. It is free to renew the certificate each year
- Please follow the steps below to obtain and implement an APN certificate:

Step 1- Generate your PLIST

- Login to 'Comodo One/ Xcitium
- Click 'Applications' > Endpoint Manager
- Click 'Settings' > 'Portal Set-Up' > 'Client Settings'
- Click the 'macOS / iOS' tab



- Click the 'Create APNs Certificate' button to open the APNs application form

The fields on this form are for generating a Certificate Signing Request (CSR):

Generation of APNs Certificate ✕

Country name *

Apple ID *

State or province name *

Locality name (e.g, city) *

Organization name *

Organizational unit *

Organizational Unit Name (e.g, section)

Common name *

(e.g., server FQDN or YOUR name)

- Complete all fields marked with an asterisk and click 'Create'.
- This will send a request to Comodo to sign the CSR and generate an Apple PLIST.
- You will need to submit this to Apple in order to obtain your APN certificate.
- Usually your request will be fulfilled within seconds and you will be taken to a page which allows you to download the PLIST:



To get the certificate for communication between server and Apple devices you need to:

1. Download: [The Apple PLIST Signed by Comodo](#)
2. Login to the [Apple Push Certificate Portal](#) with your regular Apple ID (free account is enough).
3. Upload the PLIST from step 1 to the Apple portal. Apple will use this to generate your certificate.
4. Download your certificate from Apple. It will be in .PEM format.
5. Click 'Browse', select your certificate, and click 'Save' to upload it to ITSM

Select .PEM file

Browse

- Download your Apple PLIST from the link in step 1 on this screen. This will be a file with a name similar to 'COMODO_Apple_CSR.csr'. Please save this to your local drive.

Step 2 -Obtain Your Certificate From Apple

- Login to the 'Apple Push Certificates Portal' with your Apple ID at <https://identity.apple.com/pushcert/>.
- Once logged in, click 'Create a Certificate'.



Apple Push Certificates Portal

herculespopular22@gmail.com Sign out

Get Started

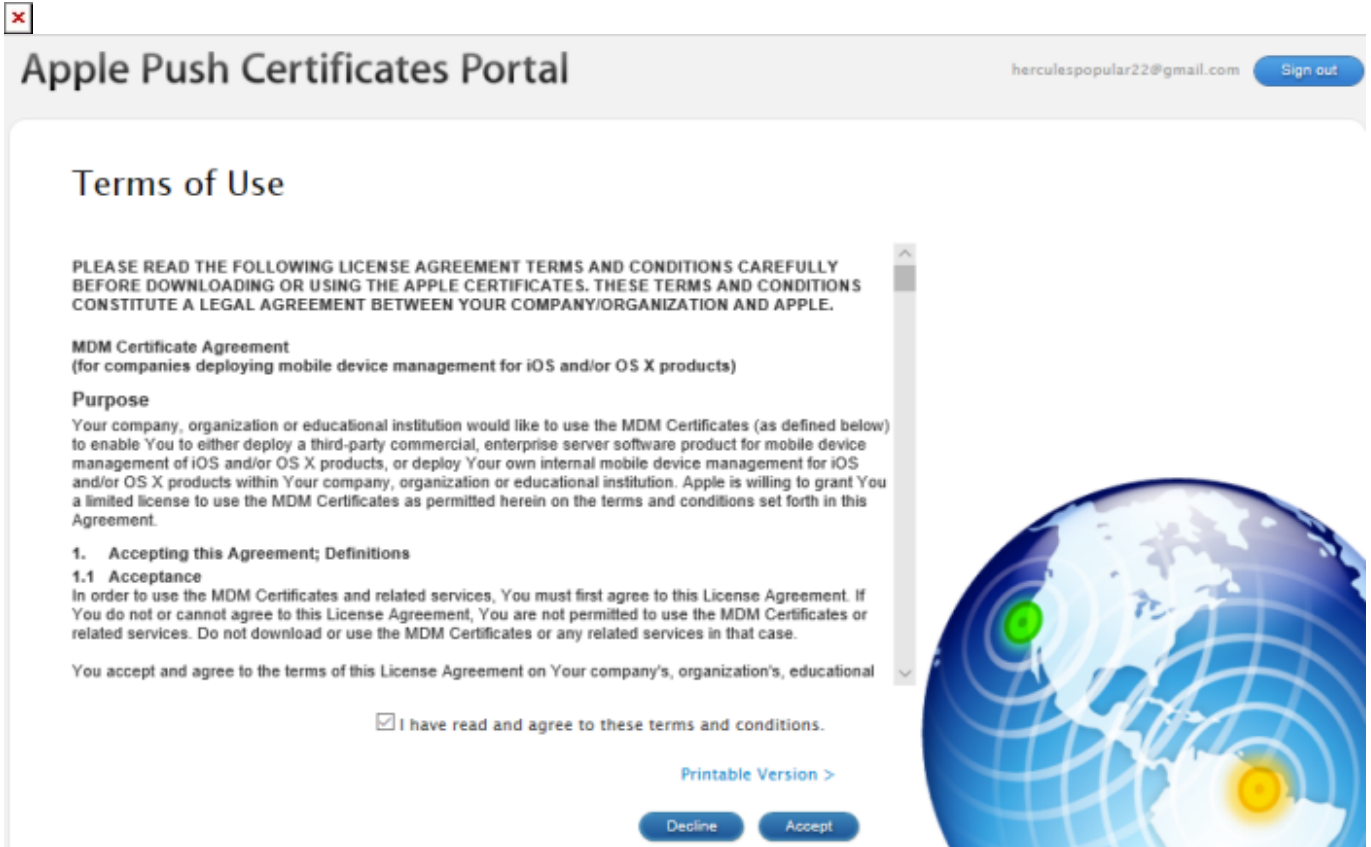
Create a push certificate that enables your third-party server to work with the Apple Push Notification Service and your Apple devices.

Create Certificate

FAQ

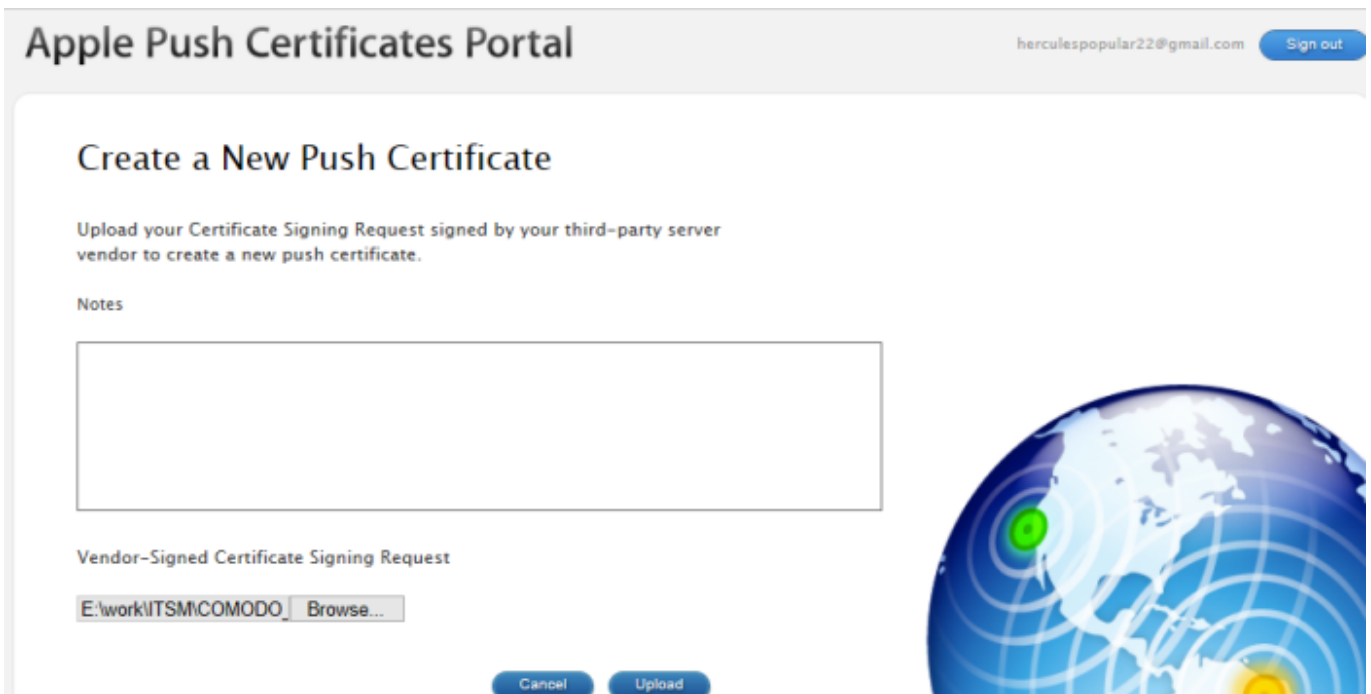
Learn more about Mobile Device Management
What about OS X Server?

You will need to agree to Apple's EULA to proceed.



The screenshot shows the 'Terms of Use' page in the Apple Push Certificates Portal. The page header includes the user's email 'herculespopular22@gmail.com' and a 'Sign out' button. The main heading is 'Terms of Use'. Below it, a bolded instruction reads: 'PLEASE READ THE FOLLOWING LICENSE AGREEMENT TERMS AND CONDITIONS CAREFULLY BEFORE DOWNLOADING OR USING THE APPLE CERTIFICATES. THESE TERMS AND CONDITIONS CONSTITUTE A LEGAL AGREEMENT BETWEEN YOUR COMPANY/ORGANIZATION AND APPLE.' The section is titled 'MDM Certificate Agreement (for companies deploying mobile device management for iOS and/or OS X products)'. Under 'Purpose', it states that the company wants to use MDM Certificates for mobile device management. Section 1, 'Accepting this Agreement; Definitions', includes '1.1 Acceptance', which explains that users must agree to the license before using the certificates. At the bottom, there is a checkbox labeled 'I have read and agree to these terms and conditions.', a 'Printable Version >' link, and 'Decline' and 'Accept' buttons. A globe graphic is visible on the right side of the page.

- On the next page, click 'Choose File', navigate to the location where you stored 'COMODO_Apple_CSR.csr' and click 'Upload'.



The screenshot shows the 'Create a New Push Certificate' page in the Apple Push Certificates Portal. The page header is identical to the previous screenshot. The main heading is 'Create a New Push Certificate'. Below it, the instruction reads: 'Upload your Certificate Signing Request signed by your third-party server vendor to create a new push certificate.' There is a 'Notes' section with an empty text area. Under 'Vendor-Signed Certificate Signing Request', there is a text input field containing 'E:\work\ITSM\COMODO_' and a 'Browse...' button. At the bottom, there are 'Cancel' and 'Upload' buttons. A globe graphic is visible on the right side of the page.

Apple servers will process your request and generate your push certificate. You can download your certificate from the confirmation screen:

Apple Push Certificates Portal herculespopular22@gmail.com [Sign out](#)

Confirmation ✔

You have successfully created a new push certificate with the following information:

Service	Mobile Device Management
Vendor	COMODO GROUP LTD.
Expiration Date	Jul 23, 2019

[Manage Certificates](#) [Download](#)

- Click the 'Download' button and save the certificate to a secure location. It will be a .pem file with a name similar to 'ITSM_COMODO GROUP LTD._Certificate.pem'

Step 3 - Upload your certificate to Endpoint Manager

- Return to EM, click 'Settings' > 'Portal Set-Up' > 'Client Settings' > 'macOS / iOS'
- Click the 'Browse' button, locate your certificate file and select it.

Upload APNs Certificate [Save](#)

To get the certificate for communication between server and Apple devices you need to:

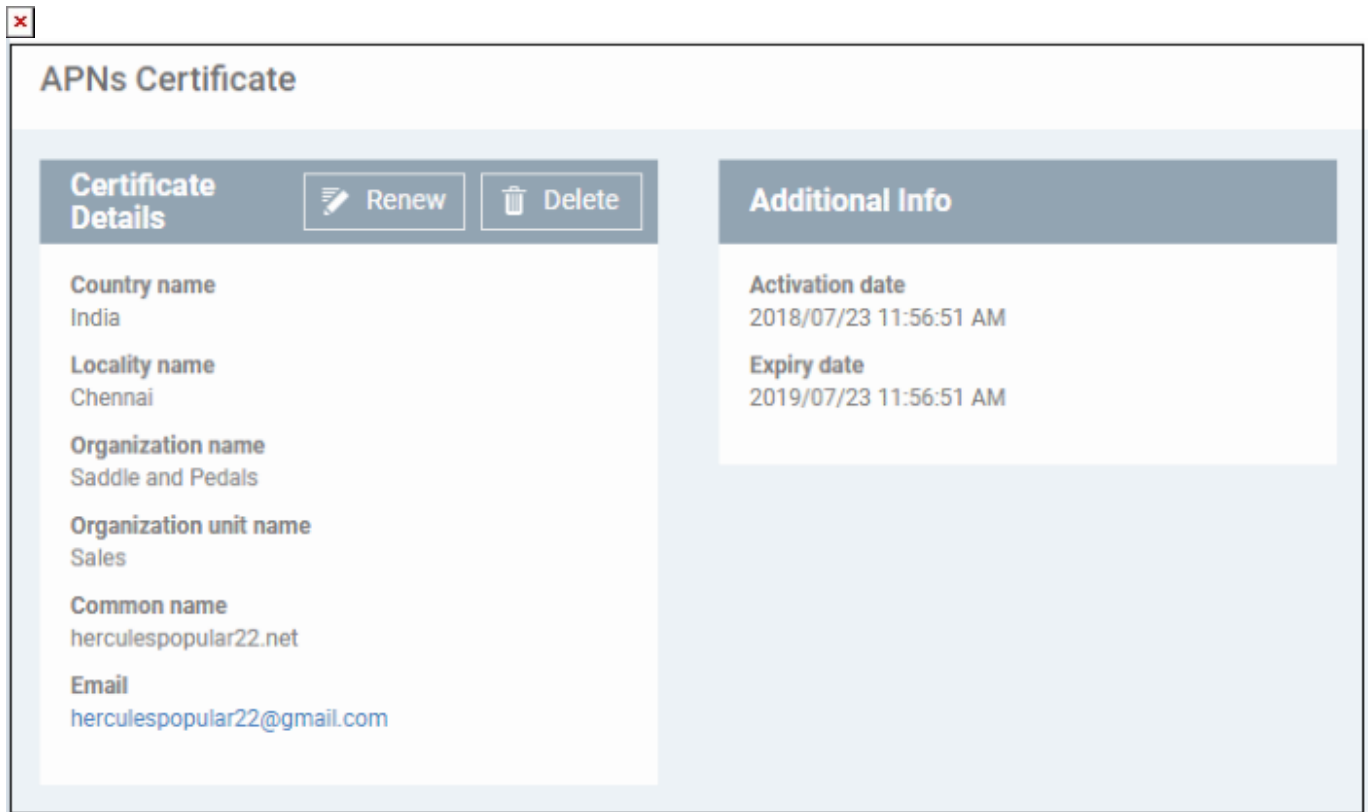
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5. Click 'Browse', select your certificate, and click 'Save' to upload it to ITSM

MDM_ COMODO GROUP LTD._Certifica...

[Browse](#)

- Click 'Save' to upload your certificate.

The APNs Certificate details interface opens:



Endpoint Manager can now communicate with iOS and Mac OS devices. You can enroll iOS devices and Mac OS devices for management.

- The certificate is valid for 365 days. EM will remind you when your certificate is due to expire.
- We advise you renew your certificate at least 1 week before expiry. If it is allowed to expire, you will need to re-enroll all your iOS and Mac devices.
- Click 'Renew' in the APNs certificate details interface to renew the cert.