



Comodo Mobile Device Manager

Software Version 3.0

CMDM Cloud Portal Setup Guide

Guide Version 3.0.010515

Comodo Mobile Device Manager - Cloud Portal Setup Guide

Comodo Mobile Device Manager (CMDM) is available as:

- **Locally hosted solution** – Requires CMDM server to be installed on a server in the local network to create CMDM portal. Refer to **CMDM Installation Guide** for more details.
- **Cloud Portal** – CMDM is hosted from Comodo cloud server as a Software as a Service (SaaS). Requires signing up for the service and configuring the service to create CMDM portal in the cloud.

This document is intended to take administrators through the sign-up and initial configuration of the Cloud Portal.

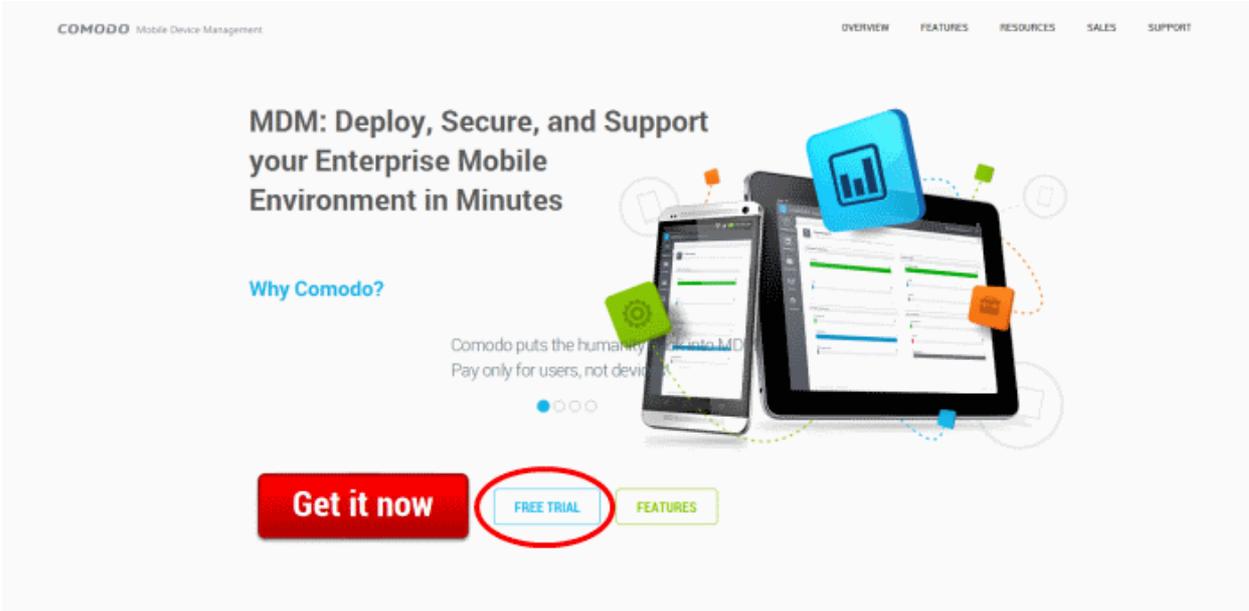
- **Signing-up for a Free Trial License**
- **Buying a full License**
- **Configuring the CMDM Cloud Portal** (*go straight here if you already have a free or full license*)

Signing-up for a Free-trial License

CMDM is available for a 30 day free trial. You can sign-up for a free trial and then upgrade the license if you are satisfied with the service.

To sign-up for a free trial

- Visit <https://mdm.comodo.com/> and click 'FREE TRIAL'.



You will be taken to the CMDM Free license purchase page.

COMODO | Creating Trust Online™ | Need Assistance? 888-351-7956 | CHAT NOW! | USA | RUS | CHN

Shopping Cart | Account Details | Complete Order

MDM Free License (Unlimited)
 MDM Free License (Unlimited)
 30-Days Free Trial | \$ 0.00

Contact Me We are happy to provide personal assistance for all trial inquiries
 Please click the 'Contact Me' button, email mdm@comodo.com or call your regional sales offices on [+1 \(888\) 266-6361 \(USA\)](tel:+18882666361) or [+44 \(0\) 207 402 7278 \(EMEA/APAC\)](tel:+4402074027278)

TOTAL : \$ 0.00

ENTER CUSTOMER DETAILS

Existing Comodo User | Please enter your Comodo username and password.

New Comodo User

E-mail address * :

Password * : [Forgot Password?](#)

I have read and agree to the [End User license/Service Agreement](#) and [Terms of Sale](#)

Continue »

- Choose '30-Days Free Trial' from the 'MDM Free License' drop-down

The next step is entering your details.

- If you already have an account with Comodo Accounts Manager (CAM) that might have been created on purchasing other Comodo products, choose 'Existing Comodo User'.
 - Enter your email address registered as username for your existing Comodo account in the E-Mail address field
 - Enter your password for the Comodo account in the 'Password' field
 - Read the 'End User license/Service Agreement' and 'Terms of Sale' by clicking the respective links and agree to them by clicking the checkbox beside 'I have read and agree to the End User license/Service Agreement and Terms of Sale'.
 - Click 'Continue'. A new license key will be generated.
- If you are a new customer, choose New Comodo User. A sign-up form will appear.

Contact Information

First Name *

Last Name *

E-mail *

Password *

Re-enter Password *

Telephone Number *

Company Name

Country * ▼

State or Province

Select your contact preferences * Telephone E-mail

I have read and agree to the [End User license/Service Agreement](#) and [Terms of Sale](#)

- Fill-up the form with the details as given below.

New Customer Sign-up Form – Table of Parameters	
Parameter	Description
First Name and Last Name	Enter your first name and last name
Email	Enter your email address. Your email address will be used as login username for your account with Comodo at Comodo Accounts Manager (CAM), at https://accounts.comodo.com . You will receive all communication from Comodo at this email address.
Password	Enter a password for your Comodo account. Keep your password as a combination of uppercase, lowercase alphabets, numerals and special characters, so that it could be easily guessed by others.
Reenter Password	Enter the password again for confirmation.
Telephone number	Enter your telephone number
Company Name	Enter your company name
Country	Select your country from the drop-down
State or Province	Enter the name of your state or province
Select your contact preferences	Choose the best way for Comodo to contact you, from

	telephone an email options
--	----------------------------

Fields marked with * are mandatory.

- Read the 'End User license/Service Agreement' and 'Terms of Sale' by clicking the respective links and agree to them by clicking the checkbox beside 'I have read and agree to the End User license/Service Agreement and Terms of Sale'.
- Click 'Submit'. A new Comodo Account will be created for you at Comodo Accounts Manager (CAM).

A new license key will be generated.

The screenshot shows the Comodo Mobile Device Manager Cloud Portal interface. At the top, there is a navigation bar with the Comodo logo, the tagline "Creating Trust Online*", a phone number "888-351-7956", a "CHAT NOW!" button, and flags for the USA, Russia, and China. Below the navigation bar are three circular icons: "Shopping Cart", "Account Details", and "Complete Order". The main content area features a large green checkmark and the text "Congratulations! Your Order is complete." followed by "Thank you for your purchase. The order confirmation has already been sent to your email." Below this is a table with license and order information:

MDM Free Trial License (Unlimited User for one month)		[Blurred License Key]	
LICENSE KEY			
ORDER NUMBER	13528019-2	SUBSCRIPTION ID	8fd53cf50d

Below the table, there is a section titled "» MDM Free Trial License (Unlimited User for one month)" with a sub-heading "Getting Started with CMDM:". Under "Cloud version:", there are three numbered steps with links to login, setup instructions, and help guides. Under "If you want to host your own MDM server - In-host version:", there are four numbered steps with links to download the installer, setup instructions, a video, and help guides. At the bottom of the section is a "Go to Cloud Server" link.

The next stage is logging-in to your MDM cloud portal and configuring it.

- Click the URL 'cmdm.comodo.com/customer/account/signin' from this page to login to the CMDM portal configuration wizard. Refer to the section **Configuring the CMDM Cloud Portal** for more details.

Buying a Full License

You can purchase licenses by selecting the term and number of devices to be managed from the purchase page at Comodo Accounts Manager (CAM). Upon completion of the process, you will receive an order confirmation email containing the license key and a link to login to and setup the cloud portal.

- Login to CAM at <https://accounts.comodo.com>
 - If you already have an account with CAM, login to your account, select 'My Account' tab and click 'Sign Up to Mobile Device Management' at the bottom of the page.
 - If you are a new customer, click Create New Account and click 'Sign UP to Mobile Device Management' in the next page.

You will be taken to the purchase page of Comodo Mobile Device Management.

- Select the subscription package you want to use from the list displayed.

Users	License Period	\$ Per User	Total
<input type="text" value="1"/>	1 Month	\$4.00	\$4.00

Customer Information (an * indicates required fields)

When paying by credit card, the billing information should be exactly as it appears on your credit card statement. For credit card verification, please ensure that your first and last name are entered as they appear on your card.

- Enter the User Details and Contact Information in the respective fields under 'Customer Information'.
 - If you have already logged-in, the contact details will be auto-populated
 - If you already having an account with Comodo, check 'Yes' box. You will only need to enter your Email Address/Login ID , Password, and Contact Information.

Note: Fields marked with * are mandatory.

Customer Information (an * indicates required fields)

When paying by credit card, the billing information should be exactly as it appears on your credit card statement. For credit card verification, please ensure that your first and last name are entered as they appear on your card.

User Details

Are you an existing Comodo customer? Yes No

Email*
Email is case-sensitive

Login*
(4 character min.)
Login is case-sensitive

Password*
(8 characters min.)

Contact Information

Company Name

Street Address*

Address2

City*

Country*

State or Province*

Postal Code*

Billing Information

The same as Contact Information

- Select the payment options and fill the credit card details.

Payment Options



When paying by credit card, the billing information should be exactly as it appears on your credit card statement. For credit card verification, please ensure that your first and last name are entered as they appear on your card.

Credit Card Details

Credit Card Number*

Security Code* [What is it?](#)

Name exactly as it appears on your credit card*

Expiration date* -

Communication Options

Yes! Please keep me informed about Comodo products, upgrades, special offers and pricing via email. Your information is safe with us!

- Select the checkbox in the 'Communication Options' section, if you want to be kept informed about special offers, Comodo products and upgrades.

Terms and Conditions

END USER LICENSE AGREEMENT AND TERMS OF SERVICE

COMODO MOBILE DEVICE MANAGEMENT VERSION 3

THIS AGREEMENT CONTAINS A BINDING ARBITRATION CLAUSE.

IMPORTANT – PLEASE READ THESE TERMS CAREFULLY BEFORE USING THE COMODO MOBILE DEVICE MANAGEMENT SOFTWARE (THE "PRODUCT"). THE PRODUCT MEANS ALL OF THE ELECTRONIC FILES PROVIDED BY DOWNLOAD WITH THIS LICENSE AGREEMENT. BY USING THE PRODUCT, OR BY CLICKING ON 'I ACCEPT' BELOW, YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, THAT YOU UNDERSTAND IT, AND THAT YOU AGREE TO BE BOUND BY ITS TERMS. IF YOU DO NOT AGREE TO THE TERMS HEREIN, DO NOT USE THE SOFTWARE, SUBSCRIBE TO OR USE THE SERVICES, OR CLICK ON 'I ACCEPT'.

I accept the Terms and Conditions

CONTINUE

- Read the Terms and Conditions and accept to it by selecting the 'I accept the Terms and Conditions' check box.
- Click 'CONTINUE.'

A new CAM account will be created for you. You will receive a confirmation email and the license key at the email address. The email will also contain a link to the Configuration Wizard for configuring your CMDM Cloud Portal. Refer to the section **Configuring the CMDM Cloud Portal** for more details.

Configuring the CMDM Cloud Portal

You can configure your CMDM Cloud Portal by completing the configuration wizard at <https://cmdm.comodo.com/customer/account/signin>. Keep your license keys handy as you need to enter them during the activation process.

Note: On completion of the wizard, your CMDM cloud portal will be created. You need to install Apple Push Notification (APN) certificate and Google Cloud Messaging (GCM) token on your portal to facilitate communication with the managed devices. Explanations on installing them are available in the following sections:

- **Adding Apple Push Notification Certificate**
- **Adding Google Cloud Messaging (GCM) Token**

To configure the CMDM Cloud Portal

- Click the link from the purchase page or your order confirmation email to the configuration wizard or visit <https://cmdm.comodo.com/customer/account/signin>.

COMODO
Mobile Device Management Cloud Portal

You are about to create and configure your MDM cloud portal.

1. Sign In 2. Terms 3. Configure 4. Finish

This wizard is designed to help you on creating your Comodo Mobile Device Management Cloud Portal. Please enter your **COMODO USERNAME** and password to start.

COMODO Account

Login Enter your login

Password Enter your password

Sign in

If you don't have Comodo account visit:
<https://accounts.comodo.com/>

If you forgot your password for Comodo account use this link:
https://accounts.comodo.com/account/forget_password

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- Enter your CAM account username and password and click Sign-in.

The License Agreement will be displayed.



You are about to create and configure your MDM cloud portal.

1. Sign In

2. Terms

3. Configure

4. Finish

License agreement.

Please read and accept the End User License Agreement to proceed.

END USER LICENSE AGREEMENT AND TERMS OF SERVICE

COMODO MOBILE DEVICE MANAGEMENT VERSION 3

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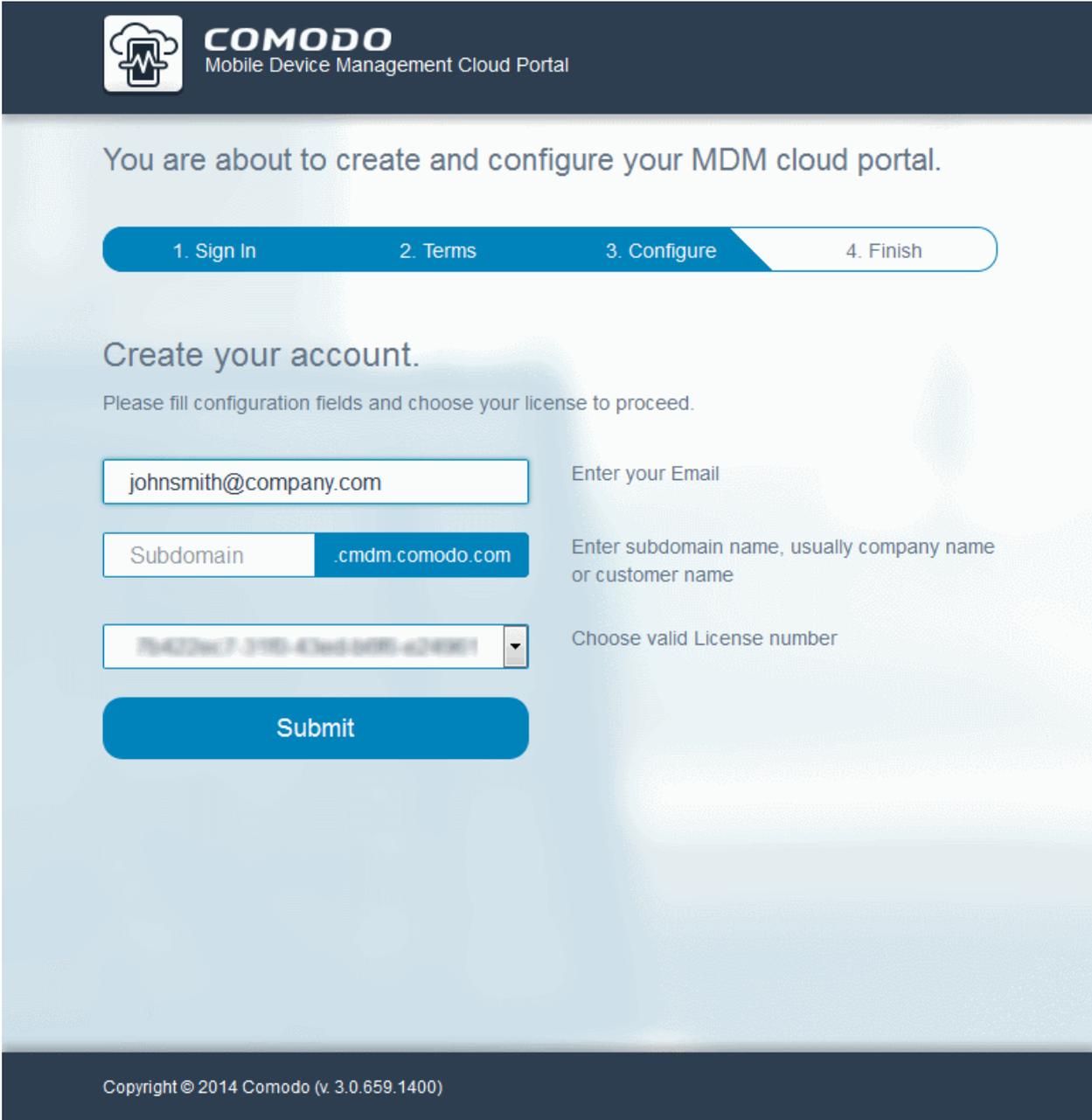
IMPORTANT – PLEASE READ THESE TERMS CAREFULLY BEFORE USING THE COMODO MOBILE DEVICE MANAGEMENT SOFTWARE (THE "PRODUCT"). THE PRODUCT MEANS ALL OF THE ELECTRONIC FILES PROVIDED BY DOWNLOAD WITH THIS LICENSE AGREEMENT. BY USING THE PRODUCT, OR BY CLICKING ON "I ACCEPT" BELOW, YOU ACKNOWLEDGE THAT YOU HAVE READ THIS AGREEMENT, THAT YOU UNDERSTAND IT, AND THAT YOU AGREE TO BE BOUND BY ITS TERMS. IF YOU DO NOT AGREE TO THE TERMS HEREIN, DO NOT USE THE SOFTWARE, SUBSCRIBE TO OR USE THE SERVICES, OR CLICK ON "I ACCEPT".

I agree with End User License agreement and terms of service.

Next

- Read the agreement and select the 'I agree with End User License agreement and terms of service' checkbox.
- Click 'Next'.

The next step is configuring the URL and license for the cloud portal.



The screenshot shows the 'Configure' step of the setup process. At the top, the Comodo logo and 'Mobile Device Management Cloud Portal' are displayed. Below the logo, a progress bar indicates the current step: 1. Sign In, 2. Terms, 3. Configure (highlighted), and 4. Finish. The main heading is 'Create your account.' followed by the instruction 'Please fill configuration fields and choose your license to proceed.' There are three input fields: an email field with 'johnsmith@company.com', a subdomain field with 'Subdomain' and 'cmdm.comodo.com', and a license number dropdown menu. A blue 'Submit' button is at the bottom. The footer contains the copyright notice: 'Copyright © 2014 Comodo (v. 3.0.659.1400)'.

COMODO
Mobile Device Management Cloud Portal

You are about to create and configure your MDM cloud portal.

1. Sign In 2. Terms 3. Configure 4. Finish

Create your account.

Please fill configuration fields and choose your license to proceed.

 Enter your Email

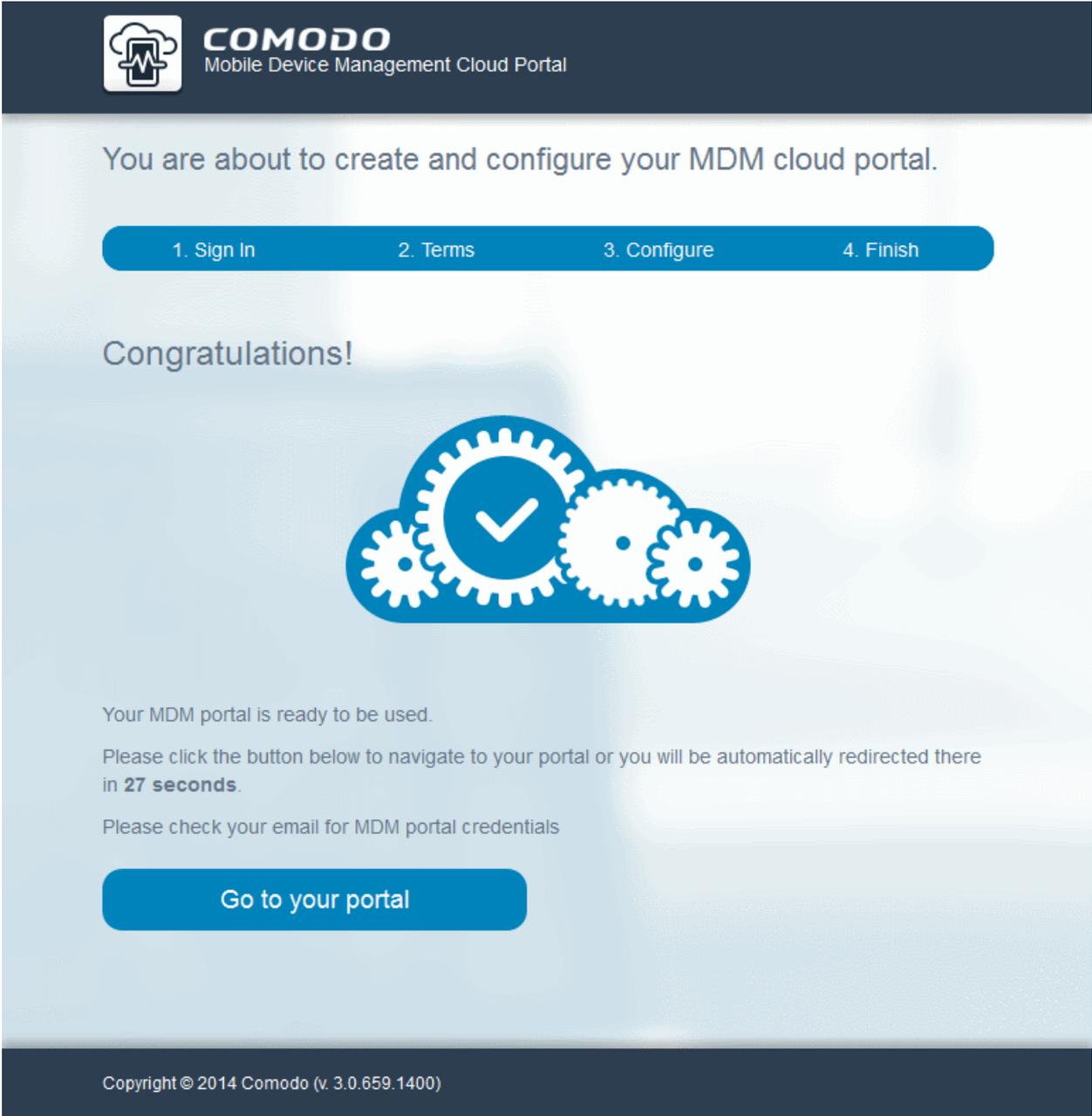
 Enter subdomain name, usually company name or customer name

 Choose valid License number

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- **Enter your Email** – Enter your email address (Usually this field is pre-populated)
 - **Enter subdomain name** – Enter the third level domain name to be added to the sub-domain name of your MDM Cloud Portal (E.g. your company name)
 - **Choose valid License number** – If you have more than one license, the drop-down displays the licenses that can be applied for the portal being configured. Choose the license from the drop-down.
- Click 'Submit'

Your portal will be created. This may take a few seconds.



The screenshot shows the final step of the Comodo Mobile Device Manager Cloud Portal setup. At the top, the Comodo logo and 'Mobile Device Management Cloud Portal' are displayed. Below this, a message states: 'You are about to create and configure your MDM cloud portal.' A progress bar shows four steps: '1. Sign In', '2. Terms', '3. Configure', and '4. Finish', with '4. Finish' being the active step. The main content area features the text 'Congratulations!' followed by a large blue icon of a cloud with gears and a checkmark. Below the icon, it says 'Your MDM portal is ready to be used.' and 'Please click the button below to navigate to your portal or you will be automatically redirected there in **27 seconds**.' A button labeled 'Go to your portal' is prominently displayed. At the bottom, a copyright notice reads 'Copyright © 2014 Comodo (v. 3.0.659.1400)'.

On completion of portal creation, the wizard will automatically redirect you to the new portal in 30 seconds. You can also click 'Go to your portal' to access the portal instantly.

Innovative and secure mobile device management solution.

We are providing a simplified, efficient way to configure and manage all devices

Username

Password

Remember me

[I forgot my password](#)

Login



Device and Data Security



Manage Applications, Devices,
and Network Security



Multiple Platform support for
MDM, BYOD, MAM and MSM

Upon successful creation of the portal you will receive an email containing the username and password to login to the portal.

COMODO**Dear John Smith:**

Congratulations, creating your CMDM account was completed.
Please see below the link and credential to your CMDM portal:

URL: [https://\[redacted\].cmdm.comodo.com](https://[redacted].cmdm.comodo.com)

Login: admin

Password: [redacted]

If you observe any problem or need any help, please contact our support team by sending email to:
mdmsupport@comodo.com.

Regards,

The Comodo Mobile Device Management Team

Support Telephone: US: +1.703.637.9361 International: 1-88-256-2608

Support email: mdmsupport@comodo.com

Online Support: <https://support.comodo.com>. Please register to submit tickets

Community Forums: <https://forums.comodo.com>

Please do not reply to this email as this email address is not monitored.

Comodo Security Solutions

1255 Broad Street

Clifton, NJ 07013

- Enter the username and password to login to your CMDM cloud portal.

Welcome to Comodo Mobile Device Management
Start to manage devices with a few simple steps.

- Create User**
Go to [Inventory > Users](#) and click on "Create User" button
- Enroll your device**
Open the email from Comodo MDM on your device and click on link.
- Configure the profile**
- Associate the profile with device**

Your CMDM portal is now created. In order to ensure proper communication with the managed iOS and Android devices, CMDM requires an Apple Push Notification (APN) certificate and a Google Cloud Messaging (GCM) token to be added to your portal.

For more explanations on obtaining the certificate/token and installing them refer to the following sections:

- [Adding Apple Push Notification Certificate](#)
- [Adding Google Cloud Messaging \(GCM\) Token](#)

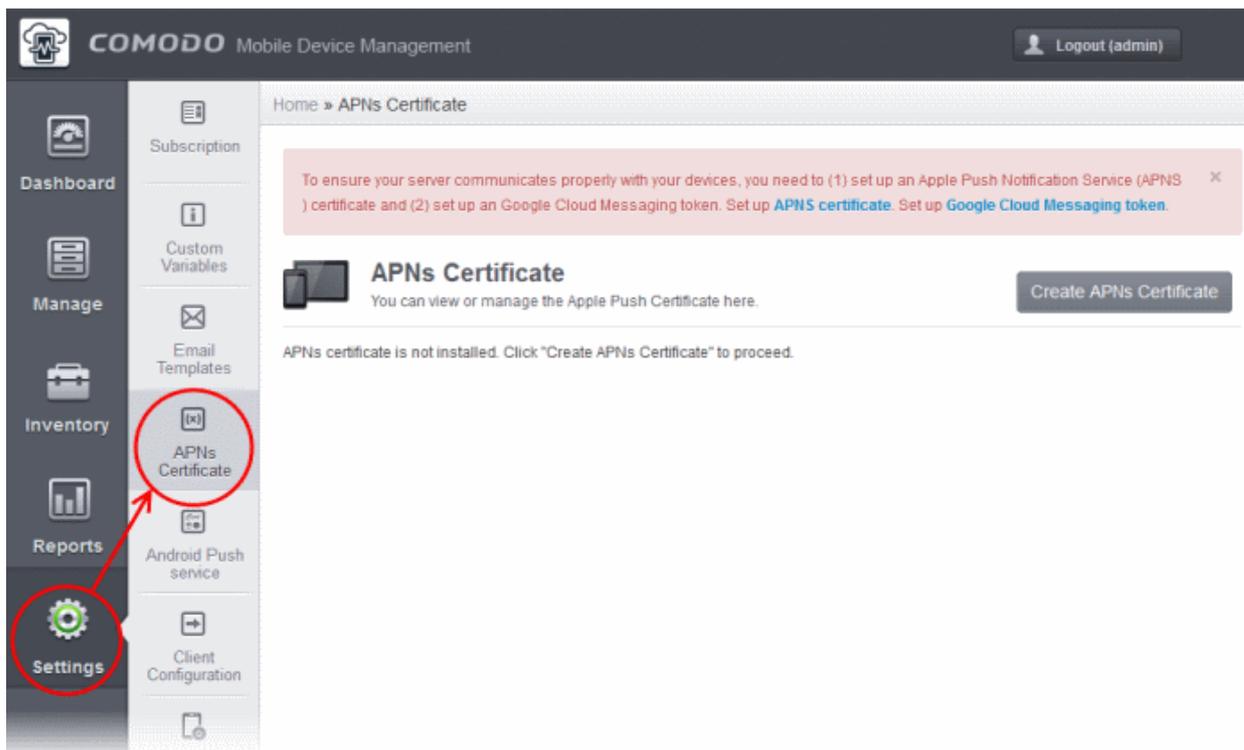
Upon adding APN certificate and GCM token, your CMDM portal is ready to use. You can start adding users, devices, define profiles and manage the mobile devices. For more details, refer to the CMDM Administrator Guide at <https://help.comodo.com/topic-214-1-519-6113-Introduction-to-Comodo-Mobile-Device-Manager.html>.

Adding Apple Push Notification (APN) Certificate

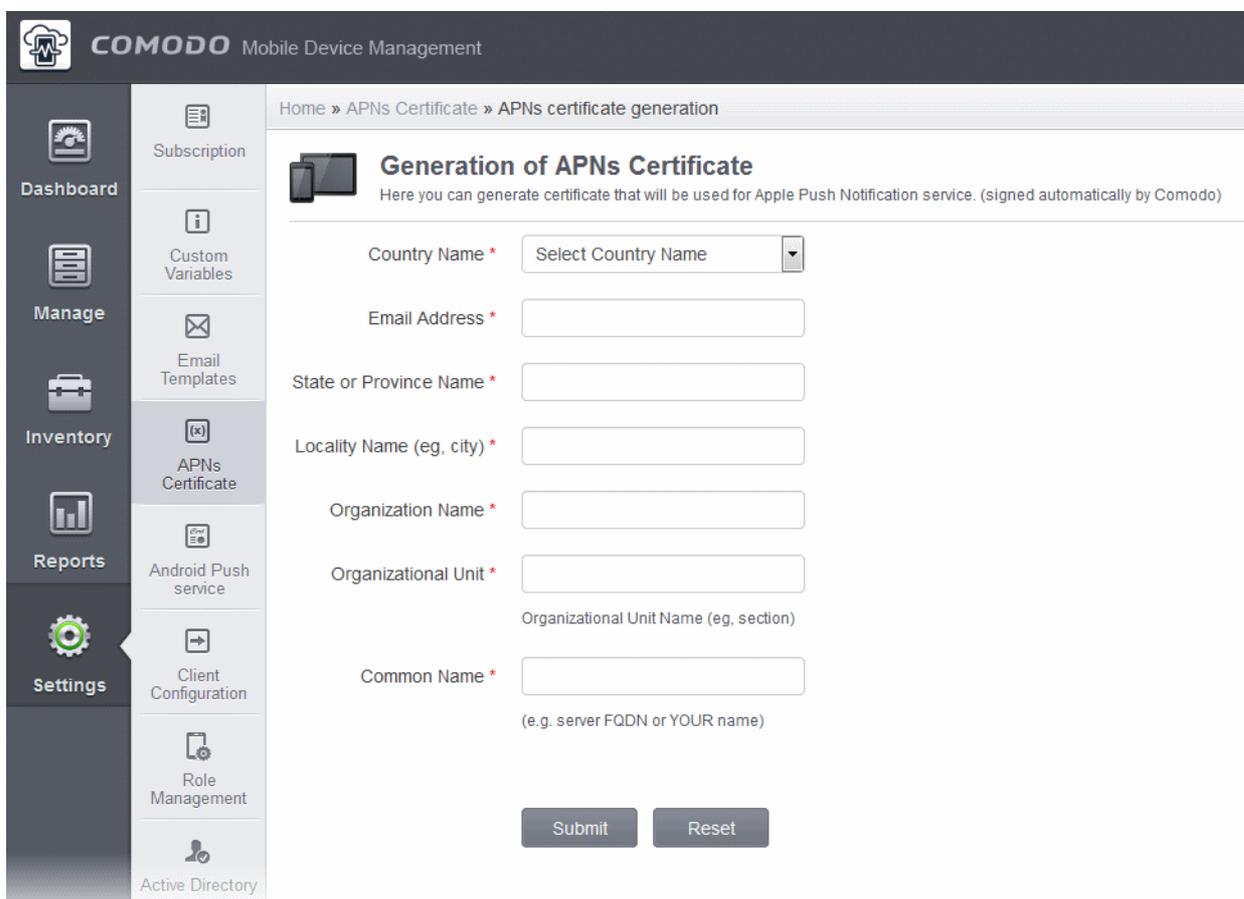
Apple requires an Apple Push Notification (APNs) certificate implemented on your portal to facilitate communication with the managed iOS devices. To obtain and implement an APN certificate and corresponding private key, please follow the steps given below:

Step 1- Generate your PLIST

- In the CMDM interface, click 'Settings' from the left and choose 'APNs Certificate'.



- Click the 'Create APNs Certificate' button at the top-right to open the APN certificate application form. The fields on this form are for a Certificate Signing Request (CSR):



- Complete all fields marked with an asterisk and click 'Submit'. 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:

COMODO Mobile Device Management

Home » APNs Certificate » Upload Apple APNs Certificate

Upload Apple APNs Certificate.

This page allows to upload and renew Apple APNs certificate that is used for communication with iOS devices.

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 Apple web site with your Apple ID (regular free account is enough): [Apple Push Certificate Portal](#)
3. Upload the Apple PLIST signed by Comodo to Apple to generate APNs certificate.
4. Download generated APNs Certificate from Apple.
5. Upload APNs certificate into MDM system.

Apple APNs certificate * No file selected.

Maximum size: 3Kb; File format should be .pem

- 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/>. If you do not have an Apple account then please create one at <https://appleid.apple.com>.
- Once logged in, click 'Create a Certificate'.

Store Mac iPod iPhone iPad iTunes Support

Apple Push Certificates Portal

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.

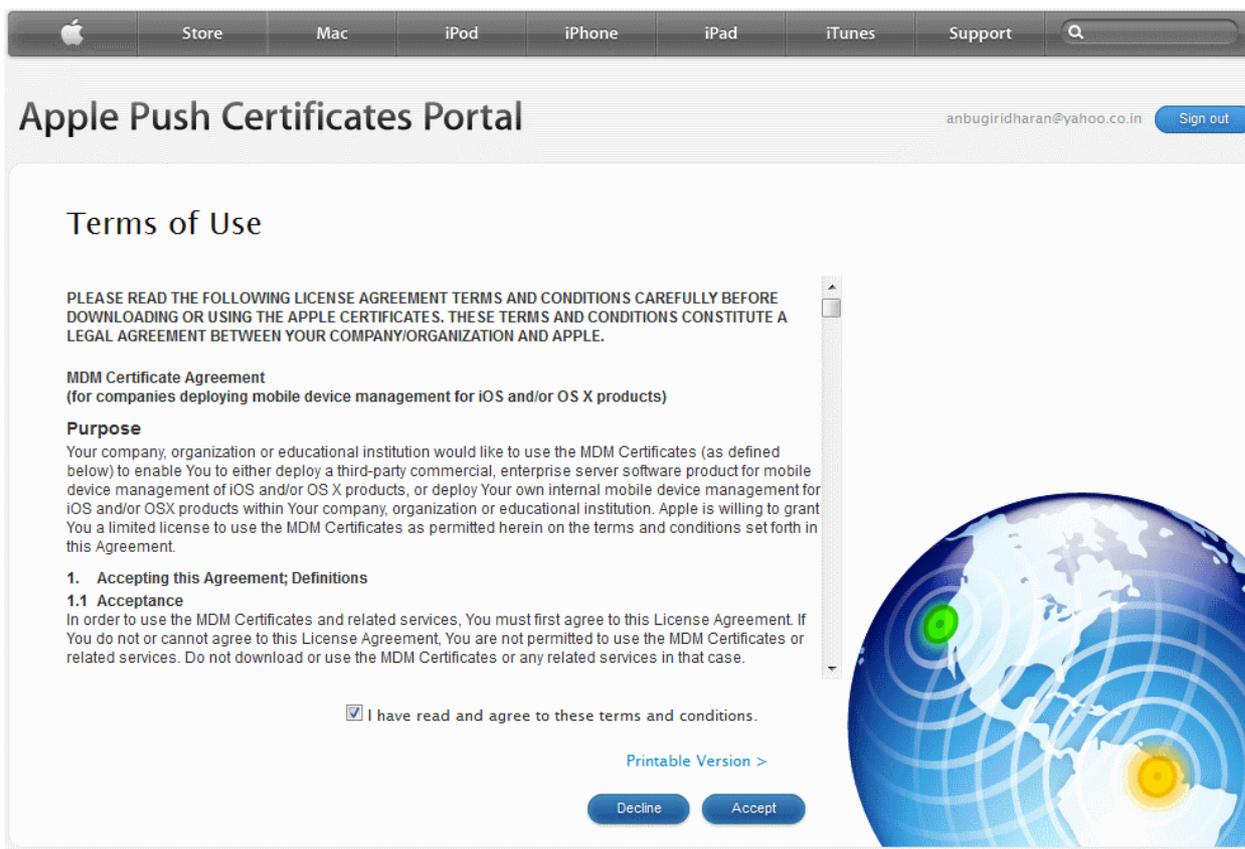
FAQ

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

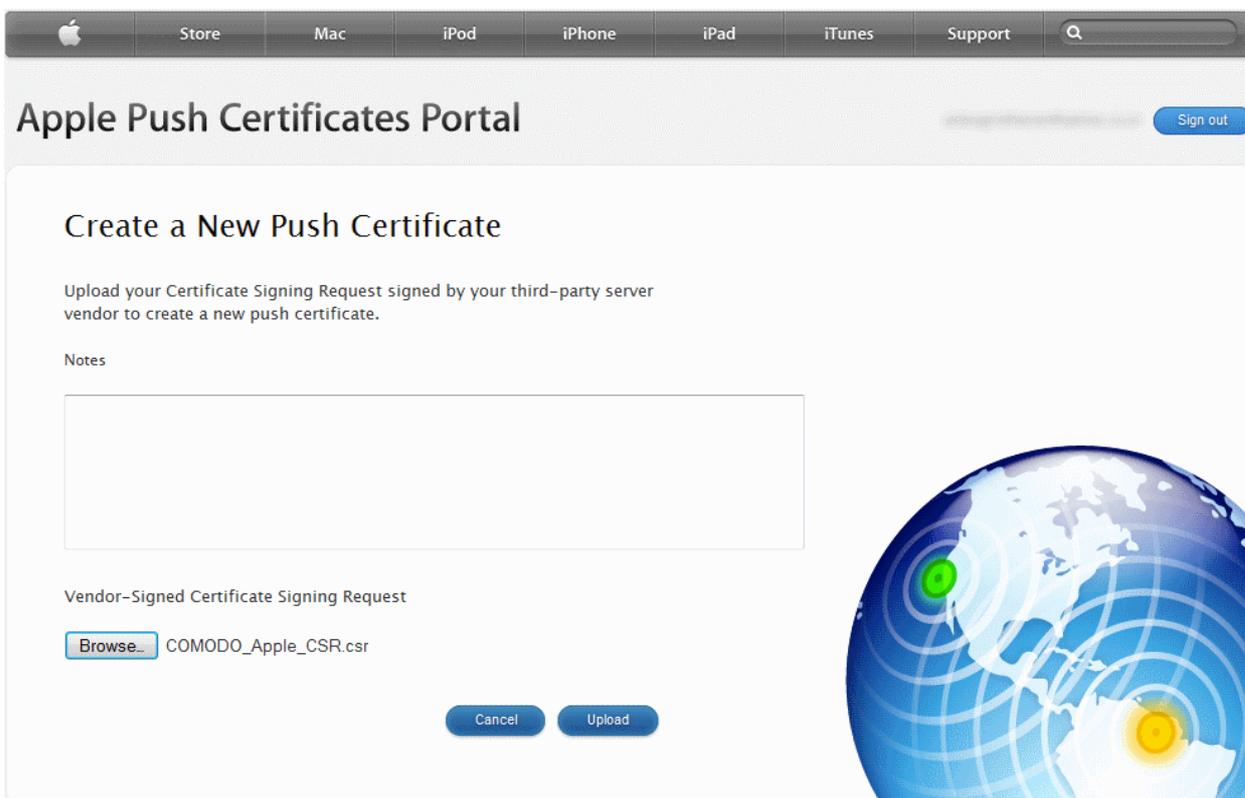
Shop the [Apple Online Store](#) (1-800-MY-APPLE), visit an [Apple Retail Store](#), or find a [reseller](#). [Apple Info](#) | [Site Map](#) | [Hot News](#) | [RSS Feeds](#) | [Contact Us](#)

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



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



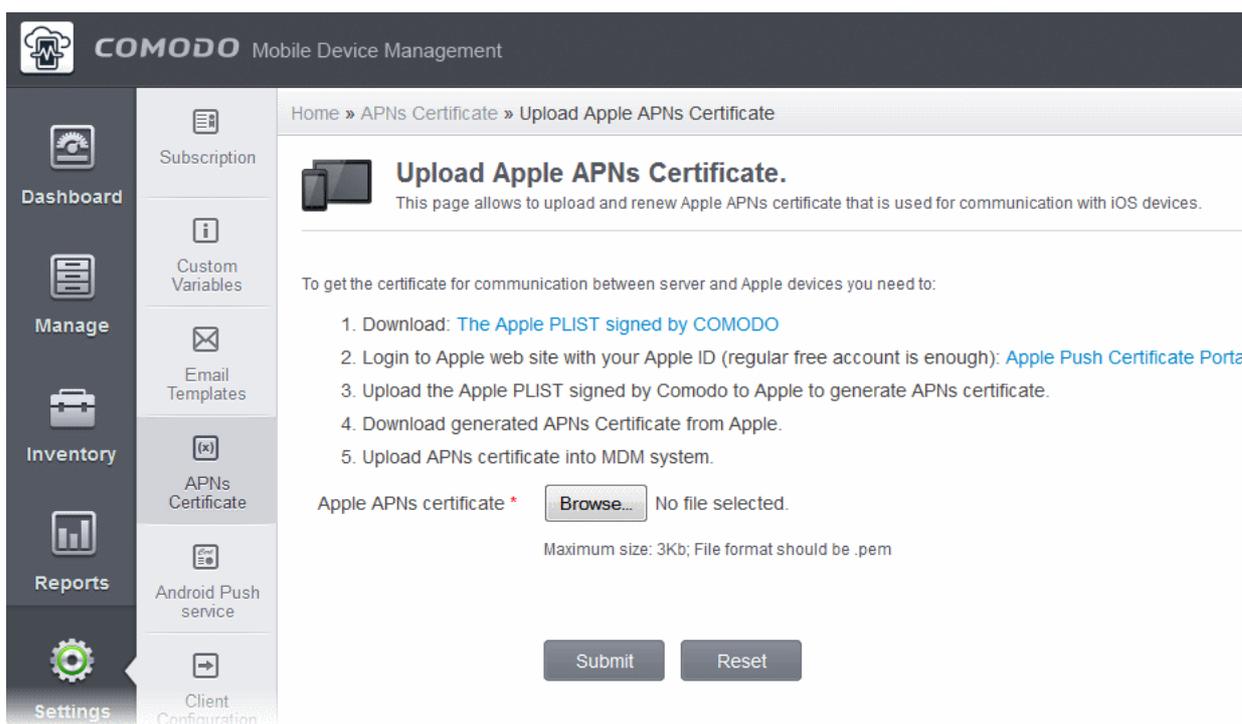
Apple servers will process your request and generate your push certificate. You can download your certificate from the confirmation screen:



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

Step 3- Upload your certificate to CMDM

- Next, return to the CMDM interface and open the APNs interface. Click the 'Browse' button to locate your certificate file then click 'Submit' to upload your certificate.



The APNs Certificate details interface will open:

The screenshot shows the Comodo Mobile Device Manager Cloud Portal interface. The top navigation bar includes the Comodo logo, the text 'COMODO Mobile Device Management', and a 'Logout (admin)' button. The left sidebar contains navigation icons for Dashboard, Manage, Inventory, and Reports. The main content area is titled 'Home » APNs Certificate' and features a 'APNs Certificate' section with a description: 'You can view or manage the Apple Push Certificate here.' Below this are two buttons: 'Renew APNs Certificate' and 'Delete'. A table displays the certificate details:

Country name	India
State	Tamilnadu
Locality name	Chennai
Organization name	Dithers
Organization unit name	Construction
Common name	dithers.com
Email	admin@comodo.com
Activate time	2015/01/05 07:35:06 AM
Expire time	2016/01/05 07:35:06 AM

Your CMDM Portal will now be able to communicate with iOS devices.

The certificate is valid for 365 days. 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 devices to enable the server to communicate with them.

- To renew your APN Certificate, click the 'Renew APN Certificate' button.
- To remove the certificate for generating a new APNs certificate, click the 'Delete' button.

Adding Google Cloud Messaging (GCM) Token

Your CMDM portal needs Google Cloud Messaging token to be added, for communicating with the managed Android Devices. Comodo MDM ships with a default API token, which is used to communicate with enrolled Android devices. This default token is hardcoded and not visible in the interface. However, you can generate a unique Android GCM token that can be uploaded to CMDM portal. To generate a GCM token, you must have created a Mobile Backend Project at <https://console.developers.google.com/>. Please follow the steps given below to create a project and upload a token.

- **Step 1** – Login to the Google API Console at <https://console.developers.google.com/> and click the 'CREATE PROJECT' button.

Popup will appear where you need to fill project name and project id fields.

The screenshot shows a 'New Project' popup form. It has two input fields: 'PROJECT NAME' with the value 'My Project' and 'PROJECT ID' with the value 'double-media-816'. There are 'Create' and 'Cancel' buttons at the bottom.

- Enter a 'Project name', choose a 'Project ID' and click 'Create'.

- **Step 2** - After project is created project properties will be opened (if it is not - click on project name in the list).
- **Step 3** - Click 'APIs & auth' and then select a sub menu 'APIs'.

The screenshot shows the Google Developers Console interface. On the left is a navigation sidebar with 'APIs' highlighted under the 'APIs & auth' section. The main content area is divided into two sections: 'Enabled APIs' and 'Browse APIs'. The 'Enabled APIs' section lists several APIs that are currently turned on, such as BigQuery API, Debuglet Controller API, Google Cloud SQL, Google Cloud Storage, and Google Cloud Storage JSON API. The 'Browse APIs' section has a search filter and lists various other APIs, including Ad Exchange Buyer API, Ad Exchange Seller API, Admin SDK, and AdSense Host API, all of which are currently turned off.

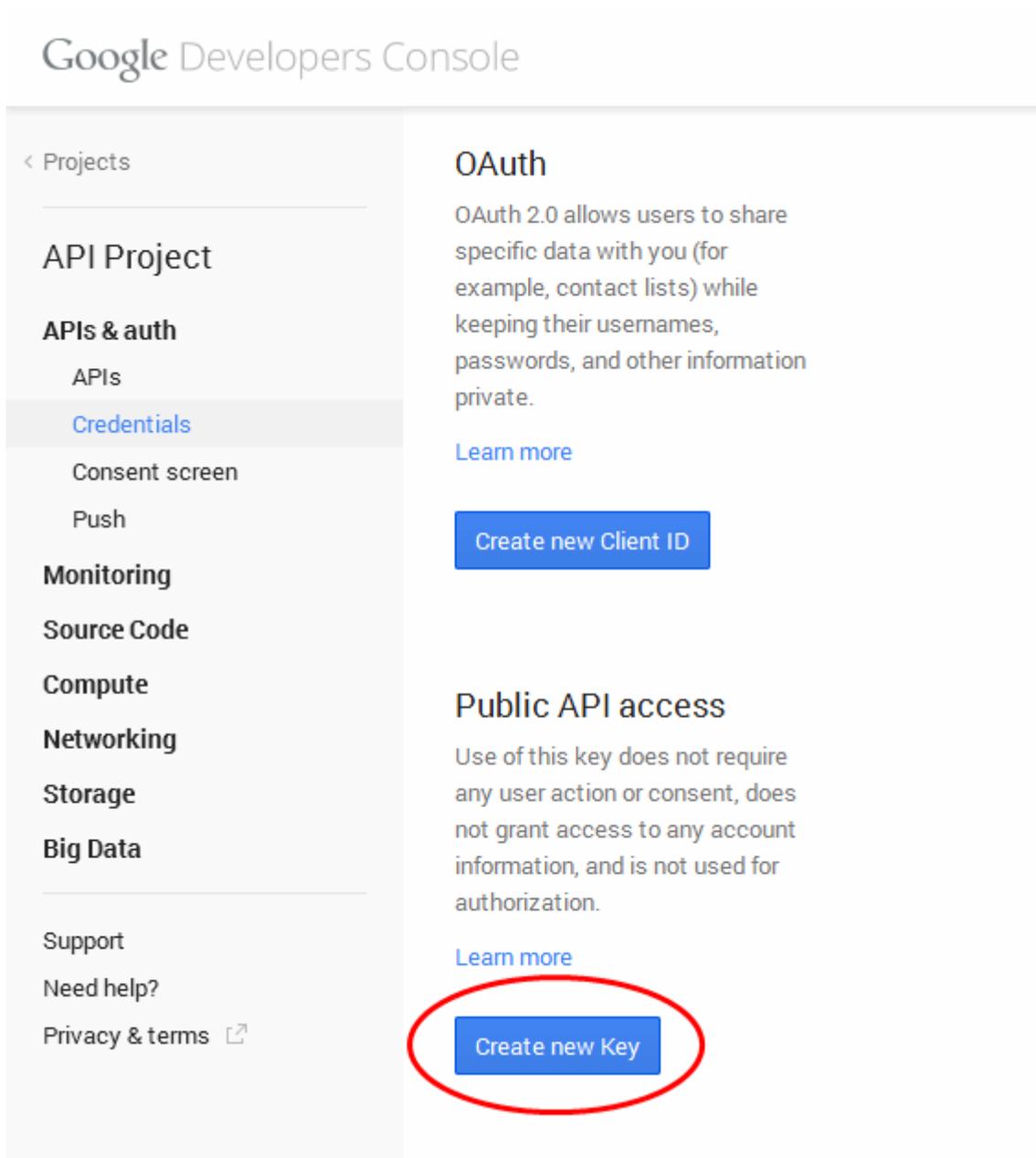
- **Step 4** - Find "Google Cloud Messaging for Android" in the list of available services and click the ON toggle.

This is a close-up view of the 'Browse APIs' list. The 'Google Cloud Messaging for Android' entry is circled in red. The table shows the API name, its quota (none), and its status (OFF). A mouse cursor is pointing at the 'OFF' toggle for this API.

- **Step 5** - Read and Accept the Terms of Services if you have not done so already.

The screenshot shows a dialog box titled 'Enable the Google Cloud Messaging for Android'. It contains a checked checkbox and the text: 'I have read and agree to both Google APIs Terms of Service and Google Cloud Messaging for Android Terms of Service.' At the bottom of the dialog are two buttons: 'Accept' and 'Cancel'.

- **Step 6** - Click "Credentials" under "APIs & auth" menu item.



Google Developers Console

< Projects

API Project

APIs & auth

- APIs
- Credentials**
- Consent screen
- Push

Monitoring

Source Code

Compute

Networking

Storage

Big Data

Support

Need help?

Privacy & terms [↗](#)

OAuth

OAuth 2.0 allows users to share specific data with you (for example, contact lists) while keeping their usernames, passwords, and other information private.

[Learn more](#)

[Create new Client ID](#)

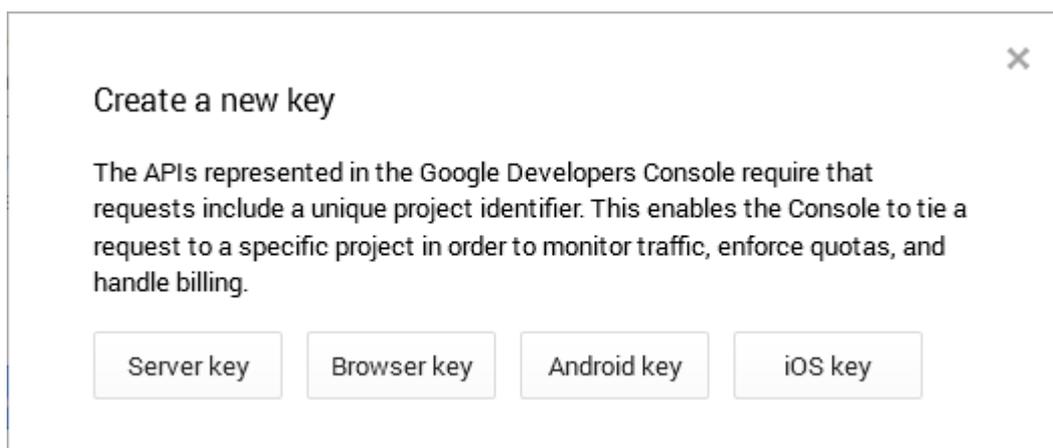
Public API access

Use of this key does not require any user action or consent, does not grant access to any account information, and is not used for authorization.

[Learn more](#)

[Create new Key](#)

- **Step 7** – Click the 'Create new Key' button under 'Public API Access' and choose 'Server key' in the 'Create a new key' pop-up.



Create a new key ✕

The APIs represented in the Google Developers Console require that requests include a unique project identifier. This enables the Console to tie a request to a specific project in order to monitor traffic, enforce quotas, and handle billing.

[Server key](#) [Browser key](#) [Android key](#) [iOS key](#)

The screenshot shows the 'Project Dashboard' for a project named 'double-media-816'. The 'Project Number' is 339860886123, which is circled in red. The dashboard includes a sidebar with navigation options like 'Overview', 'Permissions', and 'Billing & settings'. The main content area features four quickstart cards: 'Take the Compute Engine quickstart', 'Boost your app with a Google API', 'Try BigQuery with population data', and 'Create a storage bucket'. Each card has a corresponding icon and a 'Take the quickstart' or 'Create bucket' button.

- **Step 9** – Next, return to the CMDM interface and open the 'Add Google Cloud Messaging Token for Android' interface.
 - Paste the API token to 'Android (GCM) Token' field.
 - Enter the Project Number in the Android (GCM) Project Number field.

Home » Add Google Cloud Messaging Token for Android.

Add Google Cloud Messaging Token for Android.

Google Cloud Messaging (GCM for short) token enables MDM server to work with the Google Cloud Messaging Service that is required to communicate with Android devices.

Android (GCM) Token *

Android (GCM) Project Number *

Google Cloud Messaging for Android (GCM) is a service that allows you to send data from your server to your users' Android-powered device, and also to receive messages from devices on the same connection.

Before using GCM, you should navigate to [Google's API Console](#):

1. Click "CREATE PROJECT" button. Popup will appear where you need to fill project name and project id fields, check the check-boxes and click "Create" button
2. After project is created project properties will be opened (if it is not - click on project name in the list).
3. Click "APIs & auth" and then select a sub menu "APIs".
4. Find "Google Cloud Messaging for Android" in the list of available services and click the ON toggle.
5. Read and Accept the **Terms of Services** if you have not done so already.
6. Click "Credentials" under "APIs & auth" menu item.
7. Click "CREATE NEW KEY" button. In the appeared popup click "Server key" button. You don't need to supply any IP values in this form.
8. Click **Create**.
9. Copy the **API key** within the Key for server apps form.
10. Paste the **API token** to Android (GCM) Token field on MDM server portal.
11. Click "Overview" item in the top of left menu. Copy **Project number** in the top of page and paste to Android (GCM) Project number field on MDM server portal.

To get more information visit the following link: https://developers.google.com/cloud/samples/mbs/android/enable_push

Until API key is synchronised with devices that are already enrolled Android Push Messages can arrive to devices with some delay.

- Click 'Submit'.

Your settings will be updated. Your CMDM Portal will be now be able to communicate with Android devices.

About Comodo

The Comodo companies are leading global providers of Security, Identity and Trust Assurance services on the Internet. Comodo CA offers a comprehensive array of PKI Digital Certificates and Management Services, Identity and Content Authentication (Two-Factor - Multi-Factor) software, and Network Vulnerability Scanning and PCI compliance solutions. In addition, with over 10,000,000 installations of its threat prevention products, Comodo Security Solutions maintains an extensive suite of endpoint security software and services for businesses and consumers.

Continual innovation, a core competence in PKI and a commitment to reversing the growth of Internet-crime distinguish the Comodo companies as vital players in the Internet's ongoing development. Comodo, with offices in the US, UK, China, India, Romania and the Ukraine, secures and authenticates the online transactions and communications for over 200,000 business customers and millions of consumers, providing the intelligent security, authentication and assurance services necessary for trust in on-line transactions.

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