

PMS UAT API Registration Process

Industry

This document gives a step-by-step description of the process to follow when registering for PMS API access in the UAT environment.

1. Register your account on EMA Access Management (EAM) portal Production environment

Go to the EMA Access Management (EAM) portal in the Production environment and register an account.

Please see the following links and screenshots below.

Homepage: <https://register.ema.europa.eu/identityiq/home.html>

Registration form: <https://register.ema.europa.eu/identityiq/external/registration.jsf#/register>



Welcome Page | Single Sign On | Sign Up

Welcome to EMA Account Management | Self registration & access management

About EMA Account Management

EMA Account Management is the European Medicines Agency's (EMA) secure online platform where you can request and manage access to EMA applications.

You can use the EMA Account Management portal to:

Create an EMA account (Self-Register)

Recover your username and password

Terminate or Re-activate your account

Figure 1 - EMA Access Management Production environment homepage



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Create an EMA account (Self-Register)

To be able to access EMA applications such as CTIS, SPOR, IRIS, EudraVigilance and UPD you need to have an EMA Account. You can create a new account by completing the [Self-service Registration form](#). In case your email is already in use, retrieve your username [here](#). Wait for the confirmation e-mail before accessing other EMA applications.

Note: it may take some time before your account is active, so if you are not able to access your account immediately try again after 30 minutes.

We advise that your account's email will meet the following criteria, as generic names and email addresses are not allowed for EMA accounts:

- The account must include the real name and surname of the user
- The email address must be a nominal (work-related) address (e.g., name.surname@yourcompany.com)
- Generic (info@company.com) and personal (Gmail, Yahoo, Hotmail, etc.) emails are not permitted due to security reasons Only professional (company-specific) and personalised email addresses are allowed for account creation and access.

Figure 2 - Self-Register panel

2. Login to EMA Access Management (EAM) portal Test environment

Wait approximately **1 hour** after registration in EMA Access Management (EAM) production environment before accessing EAM portal test environment.

Access EAM portal Test environment using the following link and screenshot available below.

Homepage: <https://register-test.ema.europa.eu/identityiq/home.html>

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Figure 3 - EMA Access Management Test environment homepage

Once you are able to login to the EAM Test portal you should request access for your Organisation as **PMS Super User**. See below the Link to follow to register.

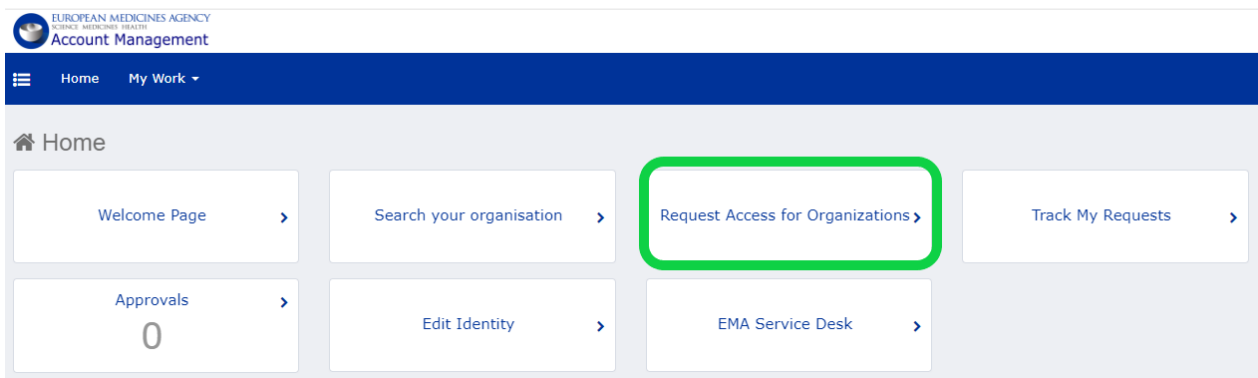


Figure 4 - Link to Request access

After you select your Organisation search in the next screen for PMS roles and choose the PMS Industry Super User.

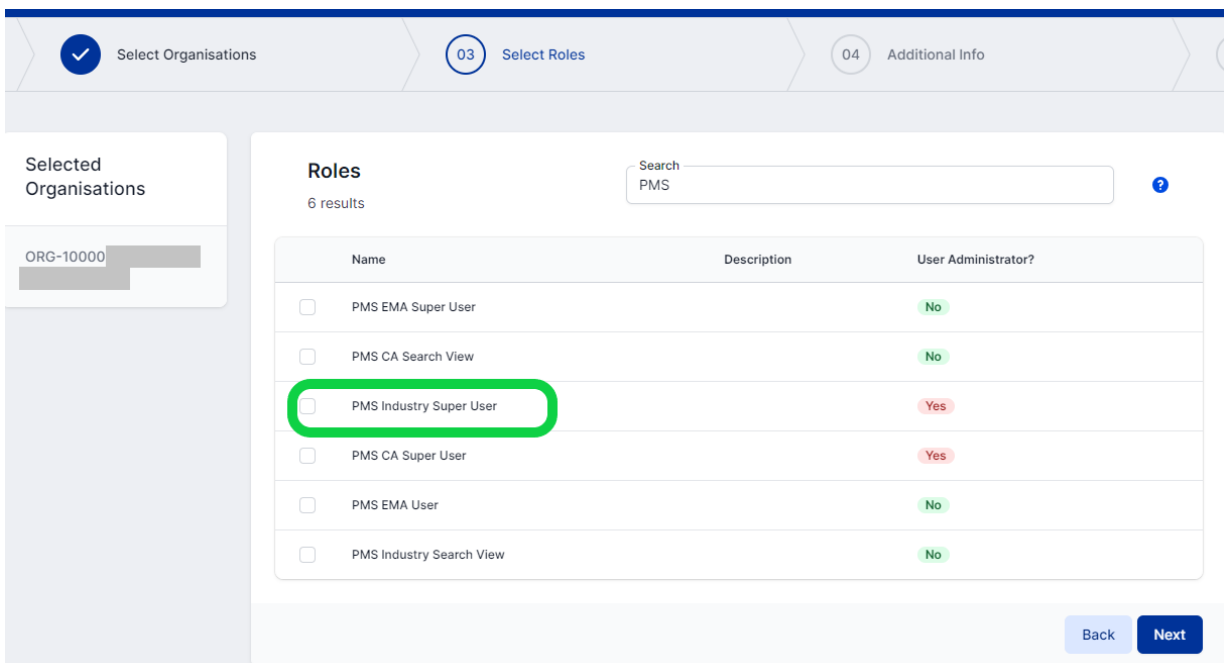


Figure 5 - PMS Roles

Complete the registration and submit. Your request will be approved by an administrator at EMA.

2.1. Request API Access

After your request is approved you can request API access through the menu item under Hamburger Menu – Manage Access – Request API Access as depicted below.

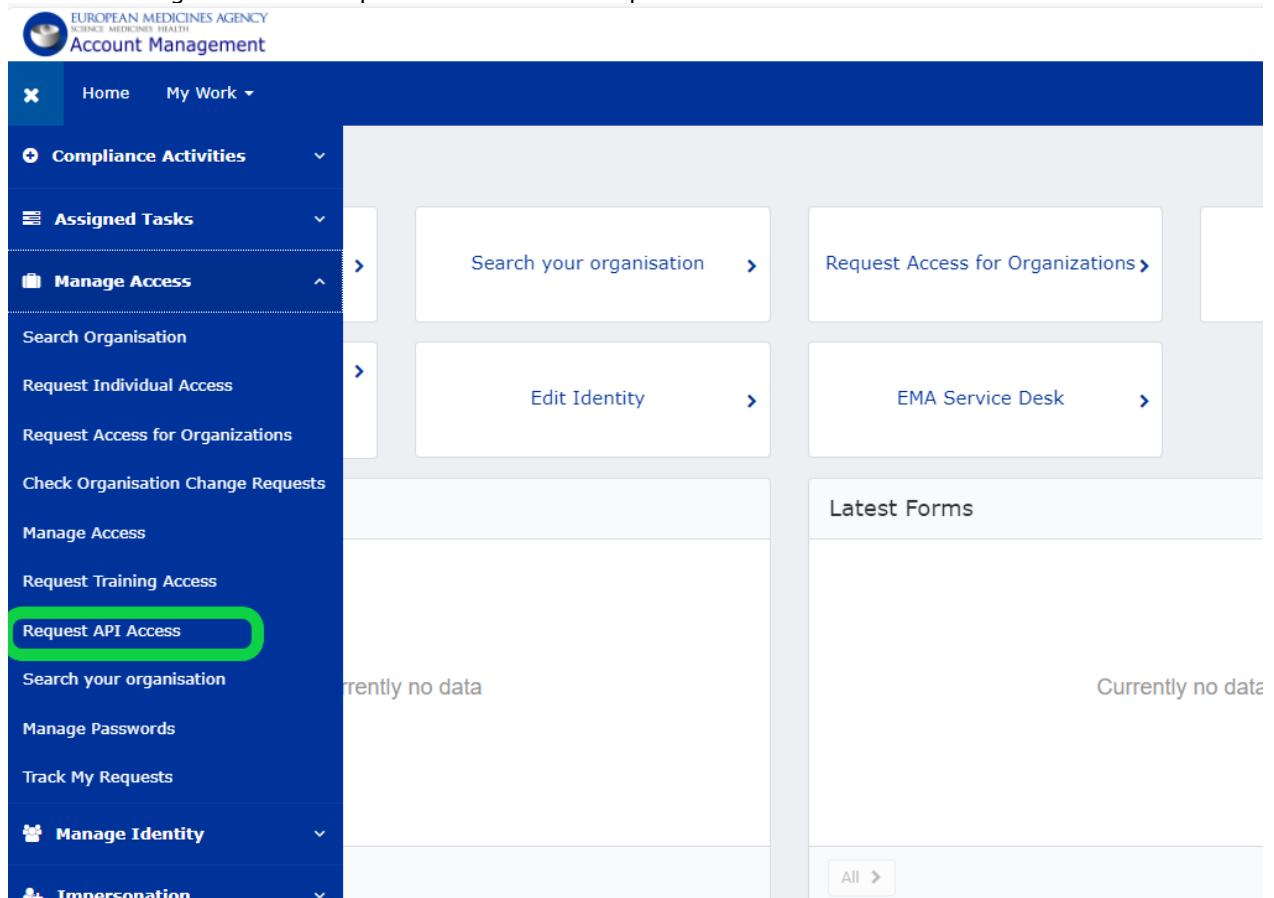


Figure 6 - Link to request API access

The first step is to agree to the EMA API General Terms and Conditions of Use as below reported.

The image shows a form titled 'EMA - API Approve ToC'. It has a section titled 'EMA API Terms and conditions' which contains text about the use of EMA API and a link to the 'Terms of Use'. Below this text is a checkbox labeled 'User agreement' which is checked. A message states: 'By checking the User Agreement, you acknowledge that you have read and understood EMA API Terms and conditions'. At the bottom of the form, there are two buttons: 'Cancel' and 'Next'.

Figure 6 – Accept the EMA API Terms and conditions

After having agreed to the EMA API Terms and conditions the user shall select/provide the following information:

- **PMS application**

- **Organisation** (ORG-ID) the PMS Super User is registered for.
- An **e-mail address** the PMS Super User can access. The API Client Credentials will be generated by this request and sent to the e-mail address indicated.
- Select the **PMS Industry API** role.

Request API access

How to

Please see the instructions below on how to request API access.

Once the request is processed an email will be sent to **API Technical contact email** containing the Application ID, the Client Credentials and instructions on how to consume the API. Please remember to rotate the client credentials before their expiration.

1. Select your Application *

☒ PMS

2. Select Organisation *

ORG-10000

In case you cannot find your organisation in the list, please verify that you have an User Admin role for it

3. Provide an API Technical contact email *

user_email@company.com

Email that will be used to send notification about the API account including the initial notification with Client ID and Secret

4. Select the right API role *

PMS Industry API

Figure 7 – Request API Access Form

Once the above steps have been completed the request is automatically approved by the system. The user will receive an email containing the following information necessary to access PMS API UAT:

- Client ID
- Client Secret
- OAuth2 Token Endpoint
- Scope
- **Important:** Please take note of the expiration date in the email and raise an EMA Service Desk request to renew the credentials before expiration.

Information needed to access the API

The protocol supported is OAuth2 Client Credentials flow.

Registered users can find in the email the following information:

- Client ID
- Client Secret
- OAuth2 Token Endpoint
- Scope

Please find below the details of your registration with the PMS API.

OAuth2 Properties

Property	Value
Token URL	POST https://login.microsoftonline.com/bc
Client Id	ad93c623
Client Secret	iHY8Q~Yn3ht
Scope	api://euema.onmicrosoft.co
Expiration date	08/15/2027 11:29:14

Figure 8 - Example of contents included in the email generated by the system upon completion of the registration in IAM.

2.2. Read API

The current API version of the READ API is V3, only the HTTPS protocol is supported, and the authentication mechanism follows the OAuth2 Client Credentials standard. The current supported FHIR version is 4.4.0 (R5 Preview 2).

API Property	Value
Base Path	https://api-uat.pms.ema.europa.eu/pms/api/v3
Protocol	HTTPS
Authentication	OAuth2 Client Credentials flow
FHIR Version	4.4.0 (R5 Preview 2)

The table below describes which endpoints are currently in scope of the READ API.

API Endpoint	Name
EP301	Search Product
EP303	Get Product
EP304	Get Product Full
EP306	Get Product Version
EP307	Get Product Versions

2.3. **Write API**

The current API version of the WRITE API is V5-Alpha, only the HTTPS protocol is supported, and the authentication mechanism follows the OAuth2 Client Credentials standard. The current supported FHIR version is 4.4.0 (R5 Preview 2).

API Property	Value
Base Path	https://api-uat.pms.ema.europa.eu/pms/api/v5-alpha
Protocol	HTTPS
Authentication	OAuth2 Client Credentials flow
FHIR Version	5.0.0 (R5)

The table below describes which endpoints are currently in scope of the WRITE API, the use of which is documented under [European Medicines Agency Write PMS API Implementation Guide](#).

API Endpoint	HTTP Verb	API Path	Name
EP501a	GET	/MedicinalProductDefinition/{id}/\$everything	Get Product
EP502a	POST	/MedicinalProductDefinition/\$merge	Merge Product
EP503a	GET	/TransactionResponse/{id}	Get Transaction Response