



**I.AM Connect
Healthcare Client Registration
Version 1.2**

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eHealth platform

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All are free to circulate this document with reference to the URL source.

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1. Document management

1.1 Document history

Version	Date	Author	Description of changes / remarks
1.0	18/02/2020	eHealth platform	Initial version
1.1	25/02/2021	eHealth platform	Remove implicit flow
1.2	28/06/2021	eHealth platform	Updated document



2. Introduction

2.1 Goal of the service

eHealth I.AM Connect allows client to access REST services for the eHealth domain. eHealth divides clients and services into security realms. Each client or service needs to be registered in a realm. Clients and services that need to connect with one another, need to be defined in the same realm.

This document will serve as base to register the client in *healthcare realm* and must contain all information required to add the partner to the federation.

Information in **bold** are required.

2.2 Goal of the document

This document contains all information, necessary to integrate with one of the eHealth environments.

Partners that want to use eHealth I.AM Connect must fill out this form, once for each client.

Available environments are:

- Integration
- Acceptation
- Production

The forms in this document must also be used to register updates (change of name, URL, attributes, ...).



3. Support

3.1 Contact

This registration form is to be sent to info@ehealth.fgov.be

3.2 Support in general

For issues in production only

eHealth ContactCenter:

- Phone: 02/788 51 55 (on working days from 7 am till 8 pm)
- Mail: support@ehealth.fgov.be
- Contact Form:
 - <https://www.ehealth.fgov.be/ehealthplatform/nl/contact> (Dutch)
 - <https://www.ehealth.fgov.be/ehealthplatform/fr/contact> (French)

FOR PARTNERS AND SOFTWARE DEVELOPERS ONLY

- For business issues please contact: info@ehealth.fgov.be
- For technical issues in production please contact: support@ehealth.fgov.be or call **02/788 51 55** (available every working day from 7am till 8pm)
- For technical issues in acceptance please contact: integration-support@ehealth.fgov.be



4. General information

A partner can register clients in the eHealth I.AM Connect. Each client is registered with a unique ID (ClientID) within a realm.

Client	
ClientID ¹	<input type="text"/>
Name	<input type="text"/>
Description	<input type="text"/>
Consent required ²	<input type="checkbox"/>

¹ The proposed client ID will be validated by eHealth platform. If not approved, the eHealth platform will propose a new client ID.

² This option is on by default. In this case, the users will get a consent page asking whether they grant access to that application. It will also display the metadata the client is interested in so that the user knows exactly what information the client is getting access to. Depending on the client requirements, the eHealth platform may dictate a consent.



5. Specific Information

5.1 URL

URL	
Root URL	<input type="text"/>
Valid redirect URIs ³ (separated by ;)	<input type="text"/>
Base URL ⁴	<input type="text"/>
Web Origins (separated by ;)	<input type="text"/>

5.2 Flows

By default, only the Authorization Code Flow will be activated.

5.3 Access type

Confidential access type is for server-side clients that need to perform a browser login and require a client secret when they turn an authorization code into an access token, (see Access Token Request in the OAuth 2.0 spec for more details). This type should be used for server-side applications.

Public access type is for client-side clients that need to perform a browser login. With a client-side application there is no way to keep a secret safe. Instead it is very important to restrict access by configuring correct redirect URIs for the client.

Choose of the following access type :

Confidential access type

Public access type

³ Valid URI pattern a browser can redirect to after a successful login or logout. Make your redirect URIs as specific as feasible. Wildcards are allowed at the end of a URI.

⁴ Default URL to use when the authorization server needs to redirect or link back to the client.



5.4 Credentials

Confidential access type requires a client secret when they turn an access code into an access token.

Signed JWT are used by default. The use of JWKS URL is strongly recommended.

With JWKS URL configured, new keys will be always downloaded again when client generates new key pair.

For JWKS two possibilities exist:

- 1) eHealth certificate JWKS
- 2) eHealth KeyDepot JWKS

1. eHealth certificate JWKS ⁵	
identifier	<input type="text"/>
type	<input type="text"/>
use	<input type="text"/>
applicationIdentifier	<input type="text"/>

2. eHealth KeyDepot JWKS ⁶	
type	<input type="text"/>
value	<input type="text"/>
use	<input type="text"/>

⁵ See document "ETK Depot REST – Cookbook" for more information

⁶ See document "KeyDepot REST – Cookbook" for more information



5.5 Mappers

In some cases, applications receiving ID Tokens or Access Tokens may require user data that differ from the basic ones. Protocol mappers may be defined to map user data into protocol claims.

ID Tokens and Access Tokens contents are described in the IAM Connect technical specifications.

Contact your eHealth project manager if you need more information about existing mappers for your specific needs.

5.6 Scopes

In some cases, your client may require some scopes to reach some specific protected resources (for example : PADAC scope for Consent/TherapeuticLinks/TherapeuticExclusions REST).

Some scopes will be automatically assigned to your client by default (*openid, ssin, profile*) some others require a validation step.

Client scopes (separated by ;)	<input type="text"/>
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Contact your eHealth project manager if you need more information about available scopes.

