



**eHealth AddressBook  
SSO  
v1.2**

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**eHealth platform**  
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To the attention of: "IT expert" willing to integrate this web service.



# 1. Document management

## 1.1 Document history

Version	Date	Author	Description of changes / remarks
1.00	21/03/2016	eHealth platform	First version
1.1	17/05/2016	eHealth platform	Remove institution types no more supported
1.2	26/04/2018	eHealth platform	Layout and links

## 2. Use of the eHealth SSO Solution

The complete overview of the profile and a step-by-step implementation to start protecting a new application with SSO @ eHealth is described in the eHealth SSO cookbook<sup>1</sup>.

This section specifies how the call to the Secure Token Service (STS) must be done to have access to the web service (WS). You must precise several attributes in the request.

To access the eHealth AddressBook WS, the response token must contain “true” for all of the boolean certification attribute.

If you obtain “false” for one boolean certification attribute: contact eHealth to verify that the requested test cases were correctly configured.

The documents Addressbook\_STS\_samlRequest.xml and Addressbook\_STS\_samlResponse.xml provide STS request/response examples.

Currently, individuals and organizations can have access to the eHealth AddressBook.

### 2.1 Individual

The request for the SAML token is secured with the certificate of the individual issued by the eHealth platform. This certificate is used by the Holder-of-Key (HOK) mechanism. The attributes that need to be provided in the request are the following (AttributeNamespace: *urn:be:fgov:identification-namespace*):

- the social security identification number of the person starting the session:  
*urn:be:fgov:health:1.0:certificateholder:person:ssin* and *urn:be:fgov:person:ssin*

You must also specify which information must be asserted by the eHealth platform. To have access to the AddressBook WS, the following data must be validated:

- the SSIN of the person starting the session (AttributeNamespace: *urn:be:fgov:identification-namespace*)  
*urn:be:fgov:health:1.0:certificateholder:person:ssin* and *urn:be:fgov:person:ssin*
- the user uses his/her personal certificate (AttributeNamespace: "urn:be:fgov:certified-namespace:health"): *urn:be:fgov:health:1.0:certificateholder:person:ssin:usersession:boolean*
- the user must be recognized in the eHealth system: (AttributeNamespace: *urn:be:fgov:certified-namespace:health*) *urn:be:fgov:person:ssin:health:1.0:recognisedperson:boolean*

### 2.2 Organizations

The request for the SAML token is secured with the certificate of the organization issued by the eHealth platform. This certificate is used by the HOK mechanism. The attributes that need to be provided in the request are the following (AttributeNamespace: *urn:be:fgov:identification-namespace*):

For hospital:

- the identification of the hospital: *urn:be:fgov:health:1.0:hospital:nihii-number* AND *urn:be:fgov:health:1.0:certificateholder:hospital:nihii-number*

For pharmacy:

- the identification of the pharmacy: *urn:be:fgov:health:1.0:pharmacy:nihii-number* AND *urn:be:fgov:health:1.0:certificateholder:pharmacy:nihii-number*

For OTD pharmacy:

- the identification of the OTD pharmacy: *urn:be:fgov:health:1.0:otdpharmacy:nihii-number* AND *urn:be:fgov:health:1.0:certificateholder:otdpharmacy:nihii-number*

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<sup>1</sup> <https://www.ehealth.fgov.be/ehealthplatform>

For laboratory:

- *the identification of the laboratory: urn:be:fgov:health:1.0:labo:nihii-number AND urn:be:fgov:health:1.0:certificateholder:labo:nihii-number*

For palliative care:

- *the identification of the palliative care: urn:be:fgov:health:1.0:palliativecare:nihii-number AND urn:be:fgov:health:1.0:certificateholder:palliativecare:nihii-number*

For group of nurses:

- *the identification of the group of nurses: urn:be:fgov:health:1.0:groupofnurses:nihii-number AND urn:be:fgov:health:1.0:certificateholder:groupofnurses:nihii-number*

For retirement:

- *the identification of the retirement: urn:be:fgov:health:1.0:retirement:nihii-number AND urn:be:fgov:health:1.0:certificateholder:retirement:nihii-number*

For medical house:

- *the identification of the medical house: urn:be:fgov:health:1.0:medicalhouse:nihii-number AND urn:be:fgov:health:1.0:certificateholder:medicalhouse:nihii-number*

For office doctors:

- *the identification of the office doctors: urn:be:fgov:health:1.0:officedoctors:nihii-number AND urn:be:fgov:health:1.0:certificateholder:officedoctors:nihii-number*

For group of doctors:

- *the identification of the group of doctors: urn:be:fgov:health:1.0:groupofdoctors:nihii-number AND urn:be:fgov:health:1.0:certificateholder:groupofdoctors:nihii-number*

For office bandagists:

- *the identification of the office bandagists: urn:be:fgov:health:1.0:officebandagists:nihii-number AND urn:be:fgov:health:1.0:certificateholder:officebandagists:nihii-number*

For psychiatric house:

- *the identification of the psychiatric house: urn:be:fgov:health:1.0:psychiatrichouse:nihii-number AND urn:be:fgov:health:1.0:certificateholder:psychiatrichouse:nihii-number*

For protected accommodation:

- *the identification of the protected accommodation: urn:be:fgov:health:1.0:protectedaccommodation:nihii-number AND urn:be:fgov:health:1.0:certificateholder:protectedaccommodation:nihii-number*

For homecare services:

- *the identification of the homecare services: urn:be:fgov:health:1.0:homecareservices:nihii-number AND urn:be:fgov:health:1.0:certificateholder:homecareservices:nihii-number*

For guard post:

- *the identification of the guard post: urn:be:fgov:health:1.0:guardpost:nihii-number AND urn:be:fgov:health:1.0:certificateholder:guardpost:nihii-number*

For EHP:

- *the identification of the EHP: urn:be:fgov:health:1.0:organization:ehp-number AND urn:be:fgov:health:1.0:certificateholder:organization:ehp-number*

For control organism:

- *the identification of the EHP: urn:be:fgov:health:1.0:organization:ehp-number:controlorganism AND urn:be:fgov:health:1.0:certificateholder:organization:ehp-number:controlorganism*



For enterprise:

- *the identification of the enterprise: urn:be:fgov:kbo-bce:organization:cbe-number AND urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number*

For treatment center:

- *the identification of the treatment center: urn:be:fgov:kbo-bce:organization:cbe-number:ehealth:1.0:treatmentcenter AND urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number:treatmentcenter*

For consortium:

- *the identification of the consortium: urn:be:fgov:kbo-bce:organization:cbe-number:ehealth:1.0:consortium AND urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number:consortium*

You must also specify which information must be asserted by the eHealth platform. To have access to the Addressbook WS, the following data must be validated:

- *the NIHII/CBE/EHP number of the organization starting the session(AttributeNamespace: urn:be:fgov:identification-namespace) see list of attributes above in function of your organization type*
- *the organization uses its eHealth certificate and the organization is recognized in the eHealth system: (AttributeNamespace: urn:be:fgov:certified-namespace:ehealth) urn:be:fgov:ehealth:1.0:certificateholder:recognisedorganization:boolean*

