



**eHealth SSO
MyCareNet eAgreement**

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eHealth platform

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1000 BRUSSELS

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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	06/08/2020	eHealth	First version



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.

This section specifies how the call to STS must be done to have access to the web service. You must precise several attributes in the request.

To access the eAgreement web services, the response token must contain:

- "true" for all of the boolean certification attributes.
- a value for all the nihii11 certification attributes.

If you:

- obtain "false" for one boolean certification attributes;
- do not obtain any value for one of the nihii11 certification attributes;

contact eHealth to verify that the requested test cases were correctly configured.

2.1 Healthcare professional

The request for the SAML token is secured with the eID¹ of the professional. The certificate used by the Holder-Of-Key (HOK) verification mechanism is an eHealth certificate. The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The social security identification number of the professional:
urn:be:fgov:ehealth:1.0:certificateholder:person:ssin and *urn:be:fgov:person:ssin*

For each professional, eHealth has to assert the following information:

- The social security identification number of the professional : (AttributeNamespace: "urn:be:fgov:identification-namespace") *urn:be:fgov:ehealth:1.0:certificateholder:person:ssin* and *urn:be:fgov:person:ssin*

Depending on the professional category, other attributes may be asserted by eHealth. These attributes are listed in the below sections.

2.1.1 Physiotherapist

Physiotherapist must also request this attribute in the AttributeQuery :

- The NIHII number of the physiotherapist (AttributeNamespace: "*urn:be:fgov:certified-namespace:ehealth*"):
urn:be:fgov:person:ssin:ehealth:1.0:nihii:physiotherapist:nihii11

2.2 Healthcare institution

The SAML token request is secured with the eHealth certificate of the institution. The certificate used by the HOK verification mechanism is the same eHealth certificate. The needed attributes depend on the institution type (for example: hospital, labo, group of nurses, ...).

¹ As fallback, in absence of the eID, the personal eHealth certificate can be used for authentication instead.



2.2.1 Hospital

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHL number of the hospital :
 - *urn:be:fgov:ehealth:1.0:hospital:nihl-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihl-number*

Hospital must also specify which information must be asserted by eHealth:

- The NIHL number of the hospital (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:hospital:nihl-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihl-number*
- The hospital must be a recognized hospital (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihl-number:recognisedhospital:boolean*
- The NIHL number(11 positions) of the hospital (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
 - *urn:be:fgov:ehealth:1.0:hospital:nihl-number:recognisedhospital:nihl11*

2.2.2 Medical house

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHL number of the medical house:
 - *urn:be:fgov:ehealth:1.0:medicalhouse:nihl-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:medicalhouse:nihl-number*

Medical house must also specify which information must be asserted by eHealth:

- The NIHL number of the medical house (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:medicalhouse:nihl-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:medicalhouse:nihl-number*
- The medical house must be a recognized medical house (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:medicalhouse:nihl-number:recognisedmedicalhouse:boolean*
- The NIHL number(11 positions) of the medical house (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
 - *urn:be:fgov:ehealth:1.0:medicalhouse:nihl-number:recognisedmedicalhouse:nihl11*

2.2.3 Retirement

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHL number of the retirement:
 - *urn:be:fgov:ehealth:1.0:retirement:nihl-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:retirement:nihl-number*

Retirement must also specify which information must be asserted by eHealth:



- The NIHL number of the retirement (namespace: urn:be:fgov:identification-namespace):
 - *urn:be:fgov:ehealth:1.0:retirement:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:retirement:nihii-number*
- The retirement must be a recognized retirement (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:retirement:nihii-number:recognisedretirement:Boolean*
- The NIHL number(11 positions) of the retirement (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
 - *urn:be:fgov:ehealth:1.0:retirement:nihii-number: recognisedretirement:nihii11*

2.2.4 Psychiatric house

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHL number of the psychiatric house :
 - *urn:be:fgov:ehealth:1.0:psychiatrichouse:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:psychiatrichouse:nihii-number*

Psychiatric house must also specify which information must be asserted by eHealth:

- The NIHL number of the psychiatric house (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:psychiatrichouse:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:psychiatrichouse:nihii-number*
- The psychiatric house must be a recognized *psychiatric house* (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:psychiatrichouse:nihii-number:recognisedpsychiatrichouse:boolean*
- The NIHL number(11 positions) of the psychiatric house (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
 - *urn:be:fgov:ehealth:1.0: psychiatrichouse:nihii-number:recognisedpsychiatrichouse:nihii11*

2.2.5 Reeducation

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHL number of the reeducation :
 - *urn:be:fgov:ehealth:1.0:reeducation:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:reeducation:nihii-number*

Reeducation must also specify which information must be asserted by eHealth:

- The NIHL number of the psychiatric house (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:reeducation:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:reeducation:nihii-number*



- The reeducation must be a recognized *reeducation* (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:reeducation:nihii-number:recognisedreeducation:boolean*
- The NIHII number(11 positions) of the reeducation (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
 - *urn:be:fgov:ehealth:1.0:reeducation:nihii-number:recognisedreeducation:nihii11*

2.2.6 Protected Accomodation

The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The NIHII number of the protected accomodation :
 - *urn:be:fgov:ehealth:1.0:protectedaccomodation:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:protectedaccomodation:nihii-number*

Protected accomodation must also specify which information must be asserted by eHealth:

- The NIHII number of the protected accomodation (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:protectedaccomodation:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:protectedaccomodation:nihii-number*
- The protected accomodation must be a recognized *protected accomodation* (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:protectedaccomodation:nihii-number:recognisedprotectedaccomodation:boolean*
- The NIHII number(11 positions) of the protected accomodation (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
 - *urn:be:fgov:ehealth:1.0:protectedaccomodation:nihii-number:recognisedprotectedaccomodation:nihii11*

