MyCareNet MemberData
eHealth SSO

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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

<table>
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<tr>
<th>Version</th>
<th>Date</th>
<th>Author</th>
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<tr>
<td>1.00</td>
<td>11/06/2018</td>
<td>eHealth platform</td>
<td>First version</td>
</tr>
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2 Use of the eHealth SSO solution

The complete overview of the profile and a systematic 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 MemberData 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:
- obtain "false" for one boolean certification attributes;
- do not obtain any value for one of the nihii11 certification attributes;

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

The documents MemberData_STS_samlRequest.xml and MemberData_STS_samlResponse.xml provide STS request/response examples.

2.1 Healthcare professional

The request for the SAML token is secured with the eID 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, the eHealth platform 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 the eHealth platform. These attributes are listed in the below sections.

2.1.1 Doctor

Doctor must also request this attribute in the AttributeQuery :

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

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

The request for the SAML token is secured with the eID\(^2\) of the pharmacist. The certificate\(^3\) of the pharmacy issued by the eHealth platform 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`):

- the social security identification number of the person starting the session (must be a pharmacist): `urn:be:fgov:ehealth:1.0:certificateholder:person:ssin` and `urn:be:fgov:person:ssin`
- the identification of the pharmacy: `urn:be:fgov:ehealth:1.0:pharmacy:nihii-number`
- the identification of the pharmacy holder: `urn:be:fgov:person:ssin:ehealth:1.0:pharmacy-holder`

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

- the SSIN of the person starting the session (must be a pharmacist, this is verified by the eHealth platform): (AttributeNamespace: `urn:be:fgov:identification-namespace`)
  - `urn:be:fgov:ehealth:1.0:certificateholder:person:ssin` and `urn:be:fgov:person:ssin`
- the NIHII number of the pharmacy (the link between the pharmacy and the pharmacist starting the session is not verified, any pharmacist can start the session): (AttributeNamespace: `urn:be:fgov:identification-namespace`)
  - `urn:be:fgov:ehealth:1.0:pharmacy:nihii-number`
- the pharmacy must be a recognized pharmacy: (AttributeNamespace: `urn:be:fgov:certified-namespace:ehealth`)
  - `urn:be:fgov:ehealth:1.0:pharmacy:nihii-number:recognisedpharmacy:boolean`
- the identification of the pharmacy holder (SSIN), i.e. the pharmacist responsible for all activities performed in the pharmacy: (AttributeNamespace: `urn:be:fgov:identification-namespace`)
  - `urn:be:fgov:person:ssin:ehealth:1.0:pharmacy-holder
- the pharmacy holder must be the certified pharmacy holder of the given pharmacy: (AttributeNamespace: `urn:be:fgov:certified-namespace:ehealth`)
  - `urn:be:fgov:ehealth:1.0:pharmacy:nihii-number:person:ssin:ehealth:1.0:pharmacy-holder:boolean`
- the person must be a recognized pharmacist: (AttributeNamespace: `urn:be:fgov:certifiednamespace:ehealth`)
  - `urn:be:fgov:person:ssin:ehealth:1.0:fpsph:pharmacist:boolean`

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\(^2\) As fallback, in absence of the eID, the personal eHealth certificate can be used for authentication instead.

\(^3\) The information about the eHealth certificates and the certificate requesting procedures can be found at https://www.ehealth.fgov.be/ehealthplatform/fr/service-certificats-ehealth
2.3 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, ...).

2.3.1 Hospital

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

- The NIHII number of the hospital:
  - urn:be:fgov:ehealth:1.0:hospital:nihii-number
  - urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihii-number

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

- The NIHII number of the hospital (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
  - urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihii-number:recognisedhospital:boolean

- The NIHII number(11 positions) of the hospital (AttributeNamespace: "urn:be:fgov:certifiednamespace:ehealth"):
  - urn:be:fgov:ehealth:1.0:hospital:nihii-number:recognisedhospital:nihii11

2.3.2 Medical house

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

- The NIHII number of the medical house:
  - urn:be:fgov:ehealth:1.0:medicalhouse:nihii-number
  - urn:be:fgov:ehealth:1.0:certificateholder:medicalhouse:nihii-number

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

- The NIHII number of the medical house (AttributeNamespace: urn:be:fgov:identification-namespace):
  - urn:be:fgov:ehealth:1.0:medicalhouse:nihii-number
  - urn:be:fgov:ehealth:1.0:certificateholder:medicalhouse:nihii-number

- The medical house must be a recognized medical house (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
  - urn:be:fgov:ehealth:1.0:certificateholder:medicalhouse:nihii-number:recognisedmedicalhouse:boolean

- The NIHII number(11 positions) of the medical house (AttributeNamespace: "urn:be:fgov:certifiednamespace:ehealth"):
  - urn:be:fgov:ehealth:1.0:medicalhouse:nihii-number:recognisedmedicalhouse:nihii11
2.4 Mandate holder

2.4.1 Mandated organization

The SAML token request is secured with the eHealth certificate of the mandated organization. The certificate used by the HOK verification mechanism is the same eHealth certificate. The needed attributes are the following (AttributeNamespace: "urn:be:fgov:identification-namespace"):

- The CBE number of the mandated organization:
  - urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number
  - urn:be:fgov:kbo-bce:organization:cbe-number

Mandated organization must also specify which information must be asserted by eHealth:

- The CBE number of the mandated organization (AttributeNamespace: "urn:be:fgov:identification-namespace"):
  - urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number
  - urn:be:fgov:kbo-bce:organization:cbe-number

- The mandated organization must be a recognized mandated organization (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
  - urn:be:fgov:kbo-bce:organization:cbe-number:ehealth:1.0:recognisedmandatary:boolean

- The service name:
  - urn:be:fgov:ehealth:1.0:servicename:external with the value ‘insurability’

2.4.2 Mandated person

The request for the SAML token is secured with the eID of the mandated person. The certificate used by the 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 mandated person:
  - urn:be:fgov:ehealth:1.0:certificateholder:person:ssin
  - urn:be:fgov:person:ssin

Mandated person must also specify which information must be asserted by eHealth:

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

- The person must be a recognized mandated person: (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):
  - urn:be:fgov:person:ssin:ehealth:1.0:recognisedmandatary:boolean

- The service name (AttributeNamespace: "urn:be:fgov:identification-namespace"):
  - urn:be:fgov:ehealth:1.0:servicename:external with the value ‘insurability’

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