eHealth SSO
MyCareNet eAttest WS V3
Version 1.1

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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
1.0	22/07/2021	eHealth platform	Initial version
1.1	10/10/2024	eHealth platform	New target groups : LOGOPEDIST

2. Use of the eHealth SSO solution

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 eAttest 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;

Please refer to ***integration-support@ehealth.fgov.be*** to verify that the requested test cases were correctly configured.

The documents eAttest_STS_samlRequest.xml and eAttest_STS_samlResponse.xml provide STS request/response examples.

2.1 Healthcare professional

The request for the SAML token is secured with the eID[1] of the professional. The certificate used by the Holder-Of-Key (HOK) verification mechanism is an eHealth certificate. The required 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 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

2.1.2 Dentist

"Dentist" 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:dentist:nihii11

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

2.1.3 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

2.1.4 Logopedist

"Logopedist" must also request this attribute in the AttributeQuery :

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

2.2 Healthcare institution

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

2.2.1 Guard post

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

- The NIHII number of the guard post:
  - *urn:be:fgov:ehealth:1.0:guardpost:nihii-number*
  - *urn:be:fgov:ehealth:1.0:certificateholder:guardpost:nihii-number*

The healthcare institution must also specify which information must be asserted by eHealth:

- The NIHII number of the healthcare institution (AttributeNamespace: "urn:be:fgov:identification-namespace"):
  - *urn:be:fgov:ehealth:1.0:guardpost:nihii-number*
  - *urn:be:fgov:ehealth:1.0:certificateholder:guardpost:nihii-number*
- The healthcare institution must be recognized (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):

  urn:be:fgov:ehealth:1.0:certificateholder:guardpost:nihii-number:recognisedguardpost:boolean
- The NIHII number (11 positions) of the healthcare institution (AttributeNamespace: "urn:be:fgov:certified-namespace:ehealth"):

  urn:be:fgov:ehealth:1.0:guardpost:nihii-number:recognisedguardpost:nihii11

2.2.2 Hospital

The required 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 the information to be asserted by eHealth:

- The NIHII number of the hospital (AttributeNamespace: "urn:be:fgov:identification-namespace"):
  - *urn:be:fgov:ehealth:1.0:hospital:nihii-number*
  - *urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihii-number*
- The hospital must be a recognized 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:certified-namespace:ehealth*"):

    – *urn*:be:*fgov:ehealth:1.0:hospital:nihii-number:recognisedhospital:nihii11*

2.3 Mandate holder

2.3.1 Mandated organization

The SAML token request is secured with the eHealth certificate of the mandated organization which is also used by the HOK verification mechanism. The required 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 'attest'

2.3.2 Mandated person

The request for the SAML token is secured with the eID[2] of the mandated person. The certificate used by the HOK verification mechanism is an eHealth certificate. The required 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 the information to 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 'attest'*

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