



**CBSS DossierNumberGeneration
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

Version	Date	Author	Description of changes / remarks
1.0	15/10/2020	eHealth platform	First version
1.1	23/02/2021	eHealth platform	Update



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 CBSS DossierNumberGeneration web service, 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:health: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:health: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 Physician

Physician must also request this attribute in the AttributeQuery :

- Physician with a valid visa (AttributeNamespace: "*urn:be:fgov:certified-namespace:health*"):
urn:be:fgov:person:ssin:health:1.0:fpsph:doctor:boolean

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 Sorting center

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

- The NIHI number of the hospital :
 - *urn:be:fgov:ehealth:1.0:sortingcenter:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:sortingcenter:nihii-number*

Sorting center must also specify which information must be asserted by eHealth:

- The NIHI number of the sorting center (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:ehealth:1.0:sortingcenter:nihii-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:sortingcenter:nihii-number*
- The sorting center must be a recognized sorting center (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:sortingcenter:nihii-number:recognisedsortingcenter:boolean*

2.3 Authorized organization

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

2.3.1 CBE organization

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

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

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

- The CBE number of the organization (AttributeNamespace: "urn:be:fgov:identification-namespace"):
 - *urn:be:fgov:kbo-bce:organization:cbe-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number*
- The CBE organization must be authorized to access CBSS DossierNumberGeneration (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - *urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number:cbssdossiernumbergeneration:authorized:boolean*

2.3.2 EHP organization

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

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

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



- The EHP number of the organization (AttributeNamespace: “urn:be:fgov:identification-namespace”):
 - *urn:be:fgov:ehealth:1.0:organization:ehp-number*
 - *urn:be:fgov:ehealth:1.0:certificateholder:organization:ehp-number*
- The EHP organization must be authorized to access CBSS DossierNumberGeneration (AttributeNamespace: urn:be:fgov:certifiednamespace:ehealth):
 - urn:be:fgov:ehealth:1.0:certificateholder:organization:ehp-number:cbssdossiernumbergeneration:authorized:boolean

