Identity & Authorization Management (I.AM)
Federation attributes
Technical Specifications
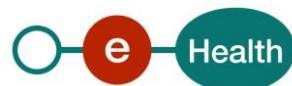**Version 1.3**

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eHealth platform

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All are free to circulate this document with reference to the URL source.

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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	13/06/2013	eHealth platform	Initial version
1.1	06/11/2013	eHealth platform	New person identification attributes (INSS support card number and bar code)
1.2	26/04/2017	eHealth platform	Add mandate, person's child identification attributes Add environment attribute 'transient ' Modify environment attribute 'persistent '
1.3	19/05/2021	eHealth platform	Adapte URI from urn:be:fgov:ehealth:1.0:professional:nihii-number to urn:be:fgov:professional:id

1.2 Use of keywords

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in IETF RFC 2119.
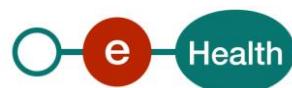
2. Introduction

2.1 Goal of the service

One of the key concepts of cross-enterprise Identity & Authorization Management in the eHealth I.AM Federation is the use of attributes.

This offers the possibility for relying parties to send and receive data about users.

These data, called *user attributes* or just attributes, can be anything that the identity provider knows about the user and that may be helpful to the service provider. Some examples of this type of data are:

- the user's name
- specific certifications a user possesses
- information about the user's role in an organization
- specific privileges a user has been granted

The ability to preserve a user's privacy is a principal concern. All of the eHealth Identity Services have policies to address these concerns. Within the identity providing services, these policies control which attributes will be released to which service providers.

All attributes are divided into categories that will be explained in following sections.
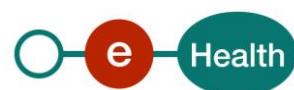
3. Support

3.1 For issues in production

eHealth platform contact center:

- Phone: 02 788 51 55
- Mail: ***support@ehealth.fgov.be***
- *Contact Form :*
    - ***https://www.ehealth.fgov.be/ehealthplatform/nl/contact*** (Dutch)
    - ***https://www.ehealth.fgov.be/ehealthplatform/fr/contact*** (French)

3.2 For issues in acceptance

Integration-support@ehealth.fgov.be

3.3 For business issues

- regarding an existing project: the project manager in charge of the application or service
- regarding a new project and other business issues: ***info@ehealth.fgov.be***

3.4 Certificates

- In order to access the secured eHealth platform environment you have to obtain an eHealth platform certificate, used to identify the initiator of the request. In case you do not have one please consult the chapter about the eHealth Certificates on the portal of the eHealth platform

    https://www.ehealth.fgov.be/ehealthplatform/nl/ehealth-certificaten

    https://www.ehealth.fgov.be/ehealthplatform/fr/certificats-ehealth

- For technical issues regarding eHealth platform certificates

    *Acceptance****: acceptance-certificates@ehealth.fgov.be***

    *Production****: support@ehealth.fgov.be***
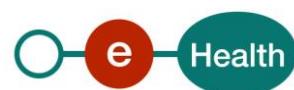
4. SAML - Global overview

All eHealth Identity Services provide their attributes as SAML Attributes wrapped in the SAML Assertions and conform to the SAML Protocol

4.1 Version

There are two versions of the SAML specification currently in use in the eHealth Identity Services:

- The Secure Token Service (STS) supports SAML 1.1
- The Identity Provider (IDP) supports SAML 1.1 and SAML 2.0.
- The Attribute Authority (AA) supports SAML 2.0

Which version is used for partner communications has an impact on the presentation of the SAML Attributes:

- SAML 1.1 requires each Attribute to have an AttributeNamespace
- SAML 2.0 requires each Attribute to have a NameFormat

To be able to support the same attributes in both SAML specifications, eHealth Identity Services do not rely on a given AttributeNamespace or NameFormat.

All Attributes in the eHealth I.AM Federation are identifiable by a unique name (URI) that is used as AttributeName (SAML 1.1) or Name (SAML 2.0) value.

For SAML 1.1 Attributes, returned by eHealth, each Attribute will be given an AttributeNamespace as described in following sections.

For SAML 2.0 Attributes, returned by eHealth, each Attribute will be given following NameFormat, which declares that the Attribute has a unique Name:

 urn:oasis:names:tc:SAML:2.0:attrname-format:uri

Example of a SAML 1.1 Attribute

```
<saml1:Attribute xmlns:saml1="urn:oasis:names:tc:SAML:1.0:assertion"
AttributeName="urn:be:fgov:ehealth:1.0:ehealth-ref" AttributeNamespace="environment">
        <saml1:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xs=http://www.w3.org/2001/XMLSchema
xsi:type="xs:string">IDP00000002SF</saml1:AttributeValue>
</saml1:Attribute>
```

Example of a SAML 2.0 Attribute

```
<saml2:Attribute xmlns:saml2="urn:oasis:names:tc:SAML:2.0:assertion"
Name="urn:be:fgov:ehealth:1.0:ehealth-ref" NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-
format:uri">
        <saml2:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xs=http://www.w3.org/2001/XMLSchema
xsi:type="xs:string">IDP00000002SF</saml2:AttributeValue>
</saml2:Attribute>
```

4.2 AttributeValues

Contents for SAML Attributes are contained in AttributeValue child elements.

If a SAML Attribute has multiple values, there will be 1 AttributeValue child element for each value. The SAML Specification has no restrictions on the xsi type of an AttributeValue.

Most eHealth Attributes are defined as simple strings (xs:string). Some, however, will contain an xml structure.

In that case, the xsi:type might be left out (not explicitly mentioning any type) or set to xs:anyType. eHealth will never specify specific eHealth types as xsi:type.

SAML 1.1 Attribute with one AttributeValue of type xs:string

```
<saml1:Attribute AttributeName="urn:be:fgov:organization:name" AttributeNamespace="identity">
        <saml1:AttributeValue xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xs=http://www.w3.org/2001/XMLSchema xsi:type="xs:string">HOSPITAL Mock nl</saml1:AttributeValue>
</saml1:Attribute>
```
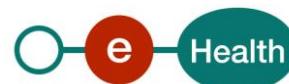
SAML 1.1 Attribute with two AttributeValues of type xs:anyType (not specified)

```
<saml1:Attribute AttributeName="urn:be:fgov:organization:name-localised" AttributeNamespace="identity">
        <saml1:AttributeValue>
                <ns4:Name xmlns:ns4="urn:be:fgov:ehealth:aa:complextype:v1"
xmlns:xml="http://www.w3.org/XML/1998/namespace" xml:lang="fr">HOSPITAL Mock fr</ns4:Name>
        </saml1:AttributeValue>
        <saml1:AttributeValue>
                <ns4:Name xmlns:ns4="urn:be:fgov:ehealth:aa:complextype:v1"
xmlns:xml="http://www.w3.org/XML/1998/namespace" xml:lang="nl">HOSPITAL Mock nl</ns4:Name>
        </saml1:AttributeValue>
</saml1:Attribute>
```

5. Attributes

For each category of attributes, the list of published attributes is described in following subsections:

- **URI**: name of attribute, unique in the eHealth I.AM Federation.
- **SAML 1.1 Namespace**: namespace eHealth will use to deliver the attribute in a SAML 1.1 Assertion (you can ignore this namespace as explained in previous section).
- **Xsi type**: type of the AttributeValue container.
- **Description**: short description of what the attribute stands for.
- **Examples**: if present, exhaustive list of Examples.
- **Example**: if present, an example of what an AttributeValue of this attribute might contain.

Note:

All the attributes listed in this document are an exhaustive list of what is available and may be considered as globally available, basic authentication information.

They are not registered specifically for one use case.

Depending on the identity service and the active use case, a different subset of them might be present. Filtering may have occurred at eHealth, prior to the return of the attributes, in order not to violate any privacy policy.

When obtaining an Assertion from an eHealth Identity Service, you should filter out or ignore the attributes that are of no interest for you, if any.

Certified attributes, on the other hand, are specifically registered for each use case and will not be present unless configured for that particular use case. You should contact eHealth if you require certified attributes. A separate document will be presented with those and after agreement of all the parties; they will be registered and available for your use case;

5.1 Environment

Category of the attributes, that gives the contextual information about the user's specific request for authentication to a protected resource in an active session.

URI	urn:be:fgov:ehealth:1.0:ehealth-ref
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Trace ID generated once for each authenticated session of a user: from the moment the user authenticates at the Identity Provider until he ends his session.
	This ID can be used to trace back what happened during the authentication process. It should be shown to the user whenever he cannot be granted access to the requested resource because of a problem noted by the Identity Provider. The user can use it to request help from the eHealth Service Desk.

URI	urn:be:fgov:ehealth:1.0:authz-decision
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Authorization decision of eHealth for a specific request for access to a protected resource.

Examples	Permit → User is authorized Deny → User is not authorized
	Indeterminate → Authorization Decision was or could not be taken by eHealth. If this behaviour is not expected as result, access should be denied by default.

URI	urn:be:fgov:ehealth:1.0:authentication-authority
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Authority that authenticated the user. By default 'EHEALTH' but could be another identity provider, trusted by eHealth, to perform authentication of the user.

URI	urn:be:fgov:ehealth:1.0:authentication-method
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Authenticationmethod used to authenticate the user.
Examples	urn:be:fedict:iam:fas:citizen:eid, urn:be:fedict:iam:fas:citizen:token, urn:be:fedict:iam:fas:citizen:password

URI	urn:be:fgov:ehealth:1.0:authentication-level
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Level of security of the authentication method used to authenticate the user.
Examples	10 → Password
	20 → Password +
	Token 40 → eID

URI	urn:be:fgov:ehealth:1.0:login-type
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Type of login performed at the identity provider.
Examples	eHealth

URI	urn:be:fgov:ehealth:1.0:access-network
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Network through which the user was authenticated at the identity provider.

Examples	EXTRANET, INTERNET

URI	urn:be:fgov:ehealth:1.0:transient-ref
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	ID generated once for each authenticated session of a user: from the moment the user authenticates at the Identity Provider until he ends his session.

URI	urn:be:fgov:ehealth:1.0:persistent-ref
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	ID referencing user across multiple sessions. Different for each relying party.

URI	urn:be:fgov:ehealth:1.0:profileOptionType
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Type of profile selected by the user to access a protected resource.
Examples	USER, ORGANIZATION, MANDATE-USER, MANDATE-ORGANIZATION

URI	urn:be:fgov:ehealth:1.0:service-name
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Unique identifier at eHealth for the protected resource the user wants to access.

URI	urn:be:fgov:ehealth:1.0:role
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Roles registered at eHealth, granted to the user to access the protected resource.

URI	urn:be:fgov:ehealth:1.0:chosenlanguage
SAML 1.1 Namespace	Environment
Xsi type	xs:string
Description	Language chosen by the user at the Identity Provider to authenticate and choose a profile for the protected resource.
Examples	Nl, FR

5.2 **Identity**

Category of attributes, that gives basic identity information about the user and his selected profile for authentication.

5.2.1   **Person**

Attributes representing a physical person

5.2.1.1 *General*

General attributes representing a person

URI	urn:be:fgov:person:ssin
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Social Security Identification Number of authenticated user.

URI	urn:be:fgov:person:firstName
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	First name of authenticated user.

URI	urn:be:fgov:person:lastName
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Last name of authenticated user.

5.2.1.2 *Child*

Specific attribute representing the child of a given person.

URI	urn:be:fgov:child:ssin
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Identifier (SSIN) of the actor being a child of another actor.
Example	15031016396

5.2.1.3 *Professional*

Specific attributes representing a professional.

URI	urn:be:fgov:person:professional:type-code
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Quality of authenticated user.

Examples	PHYSICIAN, NURSE, CITIZEN

URI	urn:be:fgov:person:ssin:ehealth:1.0:pharmacy-holder
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	SSIN of registered holder of a pharmacy.
Example	88011432939

URI	urn:be:fgov:professional:id
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	NIHII number of the professional.
Example	10998315001

5.2.1.4   Other information

URI	urn:be:fgov:person:email
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Email of authenticated user.
Example	pharmacy.holder@multipharma.com

URI	urn:be:fgov:person:cardsupport:cardnumber
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	INSS support card number used to verify the validity of a given card
Example	Eid : 591112548495 SIS : 1261804187 ISI+: 9950014769 Foreign card : B025275772
URI	urn:be:fgov:person:cardsupport:barcoded
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Barcoded of card support (eID, Kid, ISI+) used to verify the validity of a given card.
Example	84091304237591112548

5.2.2   Organisation

Attributes representing an organization.
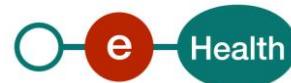
5.2.2.1 General

General attributes representing an organization.

URI	urn:be:fgov:organization:id
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Identifier of organization represented by authenticated user.

URI	urn:be:fgov:organization:id-type
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Type of identifier of organization represented by authenticated user.
Example	HOSPITAL

URI	urn:be:fgov:organization:name
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Name of organization represented by authenticated user.

URI	urn:be:fgov:organization:name-localised
SAML 1.1 Namespace	Identity
Xsi type	xs:anyType
Description	Complex xml attribute with name of organization represented by authenticated user in both Dutch and French (if available in authentic source).
Example	<eh:Name xmlns:eh="urn:be:fgov:ehealth:aa:complextype:v1" xmlns:xml="http://www.w3.org/XML/1998/namespace" xml:lang="fr">HOSPITAL Mock Name fr</eh:Name> , <eh:Name xmlns:eh="urn:be:fgov:ehealth:aa:complextype:v1" xmlns:xml="http://www.w3.org/XML/1998/namespace" xml:lang="nl">HOSPITAL Mock Name nl</eh:Name>

URI	urn:be:fgov:organization:id-code
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Code of identifier of organization represented by authenticated user. Consists of identifier type and subtype (optional), divided by a hyphen.
Example	NIHII-HOSPITAL

URI	urn:be:fgov:organization:type-code
SAML 1.1 Namespace	Identity

Xsi type	xs:string
Description	Type of code of organization represented by authenticated user. Consists of the id- code of the organization and its id, divided by an equal sign.
Example	NIHII-HOSPITAL=71089914

URI	urn:be:fgov:organization:authorized-service-name
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Protected resource for which organization is granted access. The value is an alias for the resource as known in the UMOE Authentic Source. Not to be confused with 'urn:be:fgov:ehealth:1.0:service-name' which contains the official identifier of the resource as defined in the DU.

URI	urn:be:giami:delta:entity:quality
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Quality of an entity in the user management system for organizations.
URI	urn:be:giami:delta:user:external-id
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	External id of the user in the delocalized user management system for organizations (UMOE).

5.2.2.2 Specific identifier

Specific attributes representing the identifier of an organization of a given type.

URI	urn:be:fgov:kbo-bce:organization:cbe-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type CBE.

URI	urn:be:fgov:kbo-bce:organization:cbe-number:ehealth:1.0:treatmentcenter
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type TREAT_CENTER.

URI	urn:be:fgov:kbo-bce:organization:cbe-number:ehealth:1.0:consortium
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type CONSORTIUM.

URI	urn:be:fgov:ehealth:1.0:groupofnurses:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type GROUPOFNURSES.

URI	urn:be:fgov:ehealth:1.0:retirement:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type RETIREMENT.

URI	urn:be:fgov:ehealth:1.0:hospital:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type HOSPITAL.

URI	urn:be:fgov:ehealth:1.0:labo:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type LABO.

URI	urn:be:fgov:ehealth:1.0:pharmacy:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type PHARMACY.

URI	urn:be:fgov:ehealth:1.0:daycarecenter:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type DAY_CARE_CENTER.

URI	urn:be:fgov:ehealth:1.0:organization:klantevd-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type KLANT_EVD.

URI	urn:be:fgov:ehealth:1.0:campus:site-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type SITE.

URI	urn:be:fgov:ehealth:1.0:sitepit:site-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type SITEPIT.

URI	urn:be:fgov:ehealth:1.0:sitesmur:site-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type SITESMUR.

URI	urn:be:fgov:ehealth:1.0:pit:id-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type PIT.

URI	urn:be:fgov:ehealth:1.0:smur-mug:id-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of a specific unit in an organization of id-type SMUR.

URI	urn:be:fgov:ehealth:1.0:otdpharmacy:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type ODT_PHARMACY.

URI	urn urn:be:fgov:ehealth:1.0:organization:ehp-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type EHP.

URI	urn:be:fgov:ehealth:1.0:medicalhouse:nihii-number

SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type MEDICAL_HOUSE.

URI	urn:be:fgov:ehealth:1.0:officedoctors:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type OFFICE_DOCTORS.

URI	urn:be:fgov:ehealth:1.0:groupofdoctors:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type GROUPOFDOCTORS.

URI	urn:be:fgov:ehealth:1.0:officedentists:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type OFFICE_DENTISTS.

URI	urn:be:fgov:ehealth:1.0:psychiatrichouse:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type PSYCH_HOUSE.

URI	urn:be:fgov:ehealth:1.0:protectedaccomodation:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type PROT_ACC.

URI	urn:be:fgov:ehealth:1.0:homecareservices:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type HOME_SERVICES.

URI	urn:be:fgov:ehealth:1.0:palliativecare:nihii-number

SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type PALLIATIVE_CARE.

URI	urn:be:fgov:ehealth:1.0:officebandagists:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type OF_BAND.

URI	urn:be:fgov:ehealth:1.0:officephysios:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type OF_PHYSIOS.

URI	urn:be:fgov:ehealth:1.0:guardpost:nihii-number
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type GUARD_POST.

URI	urn:be:fgov:ehealth:1.0:organization:ehp-number:controlorganism
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Specific attribute for the identifier of an organization of id-type CTRL_ORGANISM.

5.3 Mandate

Attributes representing a mandate given by one actor to another.

URI	urn:be:fgov:mandator:id
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Identifier of the actor giving a mandate to another actor.
Example	63082845980

URI	urn:be:fgov:mandator:id-type
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Type of identifier of the actor giving a mandate to another actor.

Examples	CITIZEN, HOSPITAL, NURSE, GROUPOFNURSES

URI	urn:be:fgov:mandatary:id
SAML 1.1 Namespace	identity
Xsi type	xs:string
Description	Identifier of the actor executing a mandate.
Example	86013013502

URI	urn:be:fgov:mandatary:id-type
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Type of identifier of the actor executing a mandate.
Examples	CITIZEN, HOSPITAL, NURSE, GROUPOFNURSES

URI	urn:be:fgov:ehealth:1.0:servicename:external
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Type of mandate.
Examples	medicaldatamanagement, insurability, invoicingthirdpayer

URI	urn:be:fgov:mandator:id-code
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Type of identifier of the actor giving a mandate to another actor. Consists of identifier type and subtype (optional), divided by a hyphen.
Examples	NIHII-HOSPITAL, SSIN, NIHII-GROUP
URI	urn:be:fgov:mandator:type-code
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Type of code of identifier of the actor giving a mandate to another actor. Consists of id-code and id, divided by an equal sign.
Example	NIHII-HOSPITAL=71089914

URI	urn:be:fgov:mandator:name
SAML 1.1 Namespace	Identity
Xsi type	xs:string
Description	Name of the actor giving a mandate to another actor.

URI	urn:be:fgov:mandator:name-localised
SAML 1.1 Namespace	Identity
Xsi type	xs:anyType
Description	Name of the actor giving a mandate to another actor in dutch and french (if available in authentic source).
Example	<eh:Name xmlns:eh="urn:be:fgov:ehealth:aa:complextype:v1" xmlns:xml="http://www.w3.org/XML/1998/namespace" xml:lang="fr">HOSPITAL Mock Name fr</eh:Name> , <eh:Name xmlns:eh="urn:be:fgov:ehealth:aa:complextype:v1" xmlns:xml="http://www.w3.org/XML/1998/namespace" xml:lang="nl">HOSPITAL Mock Name nl</eh:Name>

5.4 Certificate holder

Attributes which represent the holder of a certificate of a certain type.

URI	urn:be:fgov:ehealth:1.0:certificateholder:person:ssin
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of a physical person.

URI	urn:be:fgov:ehealth:1.0:certificateholder:organization:ehp-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type EHP.
URI	urn:be:fgov:ehealth:1.0:certificateholder:labo:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type LABO.

URI	urn:be:fgov:ehealth:1.0:certificateholder:groupofnurses:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type GROUPOFNURSES.

URI	urn:be:fgov:ehealth:1.0:certificateholder:pharmacy:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace

Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type PHARMACY.

URI	urn:be:fgov:ehealth:1.0:certificateholder:hospital:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type HOSPITAL.

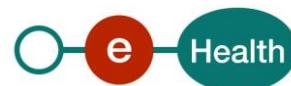| URI	urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type ENTERPRISE.

URI	urn:be:fgov:ehealth:1.0:certificateholder:otdpharmacy:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type OTD_PHARMACY.

URI	urn:be:fgov:ehealth:1.0:certificateholder:medicalhouse:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type MEDICAL_HOUSE.

URI	urn:be:fgov:ehealth:1.0:certificateholder:officedoctors:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type OFFICE_DOCTORS.

URI	urn:be:fgov:ehealth:1.0:certificateholder:groupofdoctors:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type GROUPOFDOCTORS.

URI	urn:be:fgov:ehealth:1.0:certificateholder:officedentists:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type OFFICE_DENTISTS.

URI	urn:be:fgov:ehealth:1.0:certificateholder:psychiatrichouse:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type PSYCH_HOUSE.

URI	urn:be:fgov:ehealth:1.0:certificateholder:protectedaccomodation:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type PROT_ACC.

URI	urn:be:fgov:ehealth:1.0:certificateholder:retirement:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type RETIREMENT.

URI	urn:be:fgov:ehealth:1.0:certificateholder:daycarecenter:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type DAY_CARE_CENTER.

URI	urn:be:fgov:ehealth:1.0:certificateholder:homecareservices:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type HOME_SERVICES.

URI	urn:be:fgov:ehealth:1.0:certificateholder:palliativecare:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string

Description	Specific attribute for the identifier on the certificate of an organization of id-type PALLIATIVE_CARE.

URI	urn:be:fgov:ehealth:1.0:certificateholder:officebandagists:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type OF_BAND.

URI	urn:be:fgov:ehealth:1.0:certificateholder:officephysios:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type OF_PHYSIOS.

URI	urn:be:fgov:ehealth:1.0:certificateholder:guardpost:nihii-number
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type GUARD_POST.

URI	urn:be:fgov:ehealth:1.0:certificateholder:organization:ehp-number:controlorganism
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type CTRL_ORGANISM.

URI	urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number:treatmentcenter
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type TREAT_CENTER.

URI	urn:be:fgov:ehealth:1.0:certificateholder:enterprise:cbe-number:consortium
SAML 1.1 Namespace	urn:be:fgov:identification-namespace
Xsi type	xs:string
Description	Specific attribute for the identifier on the certificate of an organization of id-type CONSORTIUM.

5.5 Certified

Category of attributes, that gives specific certified information about the user and his selected profile for authentication.

This document will not go into details of certified attributes.

For every use case, a separate document will list the certified attributes required.