



**Cookbook
Secure Token Service
Annex – Mapping Certificateholder**

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The eHealth platform

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How to map a certificate to a certificate holder attribute?

In function of the content of the certificate that is used to identify the requestor toward the STS the corresponding certificate holder attribute must be used.

If the user an **physical person** is, he must use his eID, the certificate attribute that he must use is:

urn:be:fgov:ehhealth:1.0:certificateholder:person:ssin

For example

```
X509 v3 Identification certificate
SubjectDN:
    C=BE,
    CN=Alice SPECIMEN(Signature)
    SURNAME=SPECIMEN,
    GIVENNAME=Alice Geldigekaart3064
    SERIALNUMBER=71715100070
IssuerDN:
    C=BE,
    CN=SPECIMEN Citizen CA
```

```
<saml:Attribute
  AttributeNamespace="urn:be:fgov:identification-namespace"
  AttributeName="urn:be:fgov:ehhealth:1.0:certificateholder:person:ssin">
  <saml:AttributeValue xsi:type="xs:string">71715100070</saml:AttributeValue>
</saml:Attribute>
```

If the user a **service provider** is, he must use a system identification certificate, the corresponding certificate attribute for this case is:

urn:be:fgov:ehhealth:1.0:certificateholder:serviceprovider:cbe-number

For example

```
X509 v3 Identification certificate
SubjectDN:
    O = Federal Government
    OU = CBE=0406798006
    OU = Smals
    OU = eHealth-platform Belgium
    C = BE
    CN = CBE=0406798006
IssuerDN:
    SERIALNUMBER = 2008
    CN = Government
    CA C = BE
```

```
<saml:Attribute
  AttributeNamespace="urn:be:fgov:identification-namespace"
  AttributeName="urn:be:fgov:ehhealth:1.0:certificateholder:serviceprovider:cbe-number">
  <saml:AttributeValue xsi:type="xs:string">0406798006</saml:AttributeValue>
</saml:Attribute>
```



If the user of the STS an **group of nurses** is, he must use a system identification certificate, for this case the corresponding attribute is:

urn:be:fgov:ehhealth:1.0:certificateholder:groupofnurses:nihi-number

For example

```
X509 v3 Identification certificate
SubjectDN:
    O = Federal Government
    OU = NIHII-GROUPOFNURSES=94199965
    OU = GROUP MOCK 01
    OU = eHealth-platform Belgium
    C = BE
    CN = NIHII-GROUPOFNURSES=94199965
IssuerDN:
    SERIALNUMBER = 2008
    CN = Government
    CA C = BE
```

```
<saml:Attribute
  AttributeNamespace="urn:be:fgov:identification-namesace"
  AttributeName="urn:be:fgov:ehhealth:1.0:certificateholder:groupofnurses:nihi-number">
  <saml:AttributeValue xsi:type="xs:string">94199965</saml:AttributeValue>
</saml:Attribute>
```

