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To the attention of: “IT expert” willing to integrate this web service.
1. Document management

1.1 Document history

<table>
<thead>
<tr>
<th>Version</th>
<th>Date</th>
<th>Author</th>
<th>Description of changes / remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>20/08/2009</td>
<td>eHealth platform</td>
<td>Initial version</td>
</tr>
<tr>
<td>1.1</td>
<td>26/10/2016</td>
<td>eHealth platform</td>
<td>Add new list of error codes</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Update examples</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Update description of xml element</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Clarification of the management of SSIN Mutation</td>
</tr>
<tr>
<td>1.2</td>
<td>26/06/2017</td>
<td>eHealth platform</td>
<td>Update description of xml elements (request/response)</td>
</tr>
<tr>
<td>1.3</td>
<td>13/02/2018</td>
<td>eHealth platform</td>
<td>Add technical section for individual</td>
</tr>
</tbody>
</table>
2. Introduction

2.1 Goal of the document

This document is not a development or programming guide for internal applications. Instead, it provides functional and technical information and allows an organization to integrate and use the eHealth platform service.

However, in order to interact in a smooth, homogeneous and risk controlled way with a maximum of partners, these partners must commit to comply with the requirements of specifications, data format and release processes of the eHealth platform as described in this document.

Technical and business requirements must be met in order to allow the integration and validation of the eHealth platform service in the client application.

2.2 eHealth platform document references

- On the portal of the eHealth platform\(^1\), you can find all the referenced documents. These versions or any following versions can be used for the service of the eHealth platform.
- The description of data returned by the KSZ can be found on the KSZ portal:
  - In french: \texttt{https://www.ksz-bcss.fgov.be/fr/services-et-support/services/registre-national}

\(^1\) \url{https://www.ehealth.fgov.be/ehealthplatform}
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 relevant information on the portal of the eHealth platform.
- For technical issues regarding eHealth platform certificates
  Acceptance: acceptance-certificates@ehealth.fgov.be
  Production: support@ehealth.fgov.be

3.5 Authorization from sectoral committee

For consult RN, you always need an authorization from the sectoral committee.
4. Global overview

The service IdentifyPerson allows retrieving information according to the sectorial committee on the name, birth data, gender, decease data, civil state data, nationality, address of a person, based on a SSIN (social security identification number). Therefore, the called eHealth-service will internally connect to the CBSS, using a corresponding CBSS WS connected to the National Registry and BIS registry).

The service also registers an inscription for the requested person and the initiator of the request in the ManageInscription service of the eHealth platform as well as in the CBSS reference repository if the inscription does not yet exist. This inscription is required to call PersonHistory and to obtain mutation from the MutationSender service.

For a proper management of mutation & history of SSIN within their different applications and their different patient files, and according to their respective sectoral committee authorizations, health organizations are advised to consult the recommendations published in the FAQ’s of the technical library.

In this cookbook, we explain the structure and content aspects of the possible requests and the replies of the eHealth WS. An example illustrates each of those messages. In this document, you will find in addition, a list of possible errors.

This information should allow the IT department of an organization to develop and use the WS call.

Some technical and legal requirements must be satisfied in order to allow the integration of the WS in client applications.

---

2 To indicate that the eHealth platform has a file for this person.
5. Step-by-step

The call to the IdentifyPerson WS is subject to several conditions.

5.1 Healthcare institution

- An authorization of the sectoral committee and the compliance with the integration procedure. By applying this procedure, the eHealth platform will provide you with your **applicationID**, which is used by the eHealth platform to grant specific rights:
- An eHealth certificate, used to identify the initiator of the request. If you do not have one, please refer to the section “Basisdiensten” (NL) or “Services de base” (F) on the portal of the eHealth platform.
- Time synchronisation: the servers of the eHealth platform are synchronized to a pool of global servers using NTP protocol. Partner’s clock offset cannot be more than 60 seconds against eHealth’s or the request could be discarded.

5.2 Healthcare professionals

In order to be able to access ConsultRN services as a healthcare professional, you need a valid token.

To implement a WS call protected with a SAML token you can reuse the implementation as provided in the "eHealth technical connector". Nevertheless, implementations of the eHealth platform use standards. Any other compatible technology (WS stack for the client implementation) can be used instead. Please refer to section “connector” on the portal of the eHealth platform.

Alternatively, you can write your own implementation. The usage of the Secure Token Service (STS) and the structure of the exchanged XML-messages are described in the eHealth STS cookbook. Please refer to the section “Basisdiensten” (NL) or “Services de base” (F) on the portal of the eHealth platform.

The technical information how to obtain a SAML token from the STS can be found in the separate document ConsultRN SSO on the portal of the eHealth platform.
6. Description of xml messages

6.1.1 Formulating a request

We discuss below the request, which must be sent to receive personal data on the basis of a SSIN (Social Security Identification Number).

The first part, common to all web services consulting the National Registry, contains:

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organisation</td>
<td>The organization block contains information about the organization having mandated the end user to make the request. At the time, mandates are not allowed. Therefore, if this information is mentioned it must be the same as the one existing in the certificate. (More information see section 6.2.1).</td>
</tr>
<tr>
<td>ApplicationID</td>
<td>The ApplicationID contains a number given by eHealth identifying the organization and the authorization given for a certain purpose to this organization. (Same format as an SSIN). Health care institution The value is the number given by the sectoral committee. Health care professional The value must be ‘0’.</td>
</tr>
</tbody>
</table>
The second part (Inscription) contains data for the inscription of this person in order to be able to retrieve his information latter with the mutation sender service.

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSIN</td>
<td>The SSIN field contains the INSS number of the individual to be registered (patient. ...).</td>
</tr>
<tr>
<td>Name (not used)</td>
<td>Name containing the last name, the first name and the middle name of the individual. If given it must match the SSIN.</td>
</tr>
<tr>
<td>QualityCode</td>
<td>A position code is shown in QualityCode. The possible values have been defined by the eHealth platform.</td>
</tr>
<tr>
<td>Healthcare institution</td>
<td>The value must be ‘1’. If not given, the eHealth platform assumes it must be 1.</td>
</tr>
<tr>
<td>Healthcare professional</td>
<td>The value must be ‘6’.</td>
</tr>
</tbody>
</table>
| Period          | The period indicates for how long the inscription is valid. In principle, this corresponds to the period during which the organization keeps an active file about the individual. While the start date (BeginDate) is always mandatory, the end date (EndDate) is optional. If no end date is provided, the inscription lasts indefinitely (or until a deleteInscription request). **The period must contain today.**  
**Remark:** If you have an active inscription for an individual where the “end date” is null, you cannot create a new inscription with an “end date” not null, you must first make a delete of the inscription with end date null (CF Ws ManageInscription) |

Example:

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:urn="urn:be:fgov:ehealth:consultRN:1_0:protocol">
  <soapenv:Header/>
  <soapenv:Body>
    <urn:SearchBySSINRequest>
      <Organisation>
        <Id>71099911</Id>
        <Type>NHII</Type>
        <SubType>HOSPITAL</SubType>
      </Organisation>
      <ApplicationID>xxxxxxxxxxx</ApplicationID>
      <Inscription>
        <SSIN>12345678910</SSIN>
        <QualityCode>1</QualityCode>
        <Period>
          <BeginDate>2016-04-20</BeginDate>
          <EndDate>2019-06-20</EndDate>
        </Period>
      </Inscription>
    </urn:SearchBySSINRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

**6.1.2 Interpretation of the Reply**

The parts of the reply sent back in response to a request for identifying a person are discussed below.
The first part, common to all web services consulting the National Registry, contains:

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@Id</td>
<td>The number attributed to the request/reply by the eHealth platform.</td>
</tr>
</tbody>
</table>
| Status             | The Status block will contain a code and a message. If no error has occurred during the transaction, the Code will be '100' and the Message 'SUCCESS'. Otherwise:  
  - The Code will be an error code, which identifies the problem (more information see section 7). A problem can be related to the infrastructure (availability of the webservice ...) or to the content of the request.  
  - The Message will be a description of the error. |
| Error Information  | This indicates more information about the reason of the failure (if known).    |
| (not used)         |                                                                             |

The second part contains information on the found person. (More information: see section 6.2.2)

Remarks:

1. Only those data are returned to which you are authorized to access.
2. Results may be as well in uppercase or in lowercase.

For example:

```xml
<S:Envelope xmlns:S="http://schemas.xmlsoap.org/soap/envelope/">
  <S:Body>
    <ns3:SearchBySSINReply id="CRN000000000B5NV" xmlns:ns2="urn:be:fgov:ehealth:commons:1_0:core" xmlns:ns3="urn:be:fgov:ehealth:consultRN:1_0:protocol">
      <ns2:Status>
        <Code>100</Code>
        <Message Lang="EN">Service successful</Message>
      </ns2:Status>
      <ns2:Person Origin="RN_RR">
        <SSIN>12345678910</SSIN>
        <PersonData>
          <Birth>
            <Date>1984-04-02</Date>
          </Birth>
        </PersonData>
      </ns2:Person>
    </ns3:SearchBySSINReply>
  </S:Body>
</S:Envelope>
```
<InsCode>21</InsCode>
<PostalCode>1050</PostalCode>
<Description Lang="FR">Ixelles</Description>
<Description Lang="NL">Elsene</Description>
</Municipality>
<Country>
<InsCode>150</InsCode>
<Description Lang="FR">Belgique</Description>
<Description Lang="NL">België</Description>
<Description Lang="DE">Belgien</Description>
</Country>
</Localisation>
</Birth>
{Name>
<First>Fistname</First>
<Middle>Middle name</Middle>
<Last>Last name</Last>
</Name>
<Gender>MALE</Gender>
<Nationality ModificationDate="1987-05-22">
<InsCode>150</InsCode>
<Description Lang="FR">Belgique</Description>
<Description Lang="NL">België</Description>
<Description Lang="DE">Belgien</Description>
</Nationality>
</Civilstate ModificationDate="2010-04-03">
<Code>20</Code>
<Description Lang="FR">Marié</Description>
<Description Lang="NL">Gehuwd</Description>
</Localisation>
</Birth>
</Name>
<Partner>
<SSIN>12345678912</SSIN>
{Name>
<First>Firstname</First>
<Middle>Middle name</Middle>
<Last>Last name</Last>
</Name>
</Partner>
</Civilstate>
<Address>
<StandardAddress>
<Street>
<Description Lang="FR">Rue Washington</Description>
<Description Lang="NL">Washingtonstraat</Description>
</Street>
</StandardAddress>
### 6.2 Generic structure

#### 6.2.1 Identifier

An identifier is schematized as follows:

![Identifier schematic](image)

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Id</td>
<td>Number identifying the organization</td>
</tr>
</tbody>
</table>
| Type       | The Type field identifies the organization type:  
- RIZIV-INAMI number, use type NIHII  
- Enterprise number, use type "CBE"  
- EHP number, use type "EHP" |
| Subtype    | The Subtype field provides further specification on the organization type.  
For example, a hospital is identified with the type NIHII and the subtype HOSPITAL.  
The list of supported organization can be found on the eHealth portal. |

1. eHealth portal
### 6.2.2 Person

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@Origin</td>
<td>This field contains the source of this information: national register (NR) or BIS register (CBSS).</td>
</tr>
<tr>
<td>@ModificationDate</td>
<td>This field contains the date since when the information is valid (yyyy-mm-dd).</td>
</tr>
<tr>
<td>(deprecated)</td>
<td></td>
</tr>
<tr>
<td>SSIN</td>
<td>The SSIN field contains the INSS number of the individual.</td>
</tr>
<tr>
<td>Birth</td>
<td>This block contains information about the date and the location of the birth (more information see section 6.2.3).</td>
</tr>
<tr>
<td>Name</td>
<td>This block contains information about the name of the person (more information see section 6.2.5).</td>
</tr>
<tr>
<td>Gender</td>
<td>This block contains information about the gender of the person. The possible values are MALE, FEMALE, UNKNOWN (more information see section 6.2.6).</td>
</tr>
</tbody>
</table>
### Nationality
This block contains information about the nationality of the person (more information see section 0).

### Civilstate
This block contains information about the civil state of the person (more information see section 0).

### Decease
This block contains information about the decease of the person (only present if the person is deceased, more information see section 6.2.3).

### Address
This block contains the address of the person (more information see section 6.2.9).

#### 6.2.3 BirthDeceaseType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@ModificationDate (deprecated)</td>
<td>This field contains the date since when the information is valid (yyyy-mm-dd).</td>
</tr>
<tr>
<td>@Origin</td>
<td>This field contains the source of this information: national register (NR) or BIS register (CBSS).</td>
</tr>
<tr>
<td>Date</td>
<td>This field contains the birth date or the decease date (yyyy-mm-dd). The date can be incomplete (two possibilities: only the year is known: 1979-00-00 or only the year and month are known: 1979-10-00).</td>
</tr>
<tr>
<td>Localisation</td>
<td>This block contains the localization of the birth or the decease.</td>
</tr>
</tbody>
</table>
6.2.4 WhereType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description (not used)</td>
<td>This field contains a description of the location (this information cannot be linked to a municipality or a country).</td>
</tr>
<tr>
<td>Municipality</td>
<td>This block contains information about the municipality (only used when the location is in Belgium):</td>
</tr>
<tr>
<td></td>
<td>- Inscode contains the INS code of the municipality</td>
</tr>
<tr>
<td></td>
<td>- Description contains the description of the municipality</td>
</tr>
<tr>
<td></td>
<td>- Postalcode contains the postal code of the municipality</td>
</tr>
<tr>
<td>Country</td>
<td>This block contains information about the country:</td>
</tr>
<tr>
<td></td>
<td>- The Inscode contains the INS code of the country</td>
</tr>
<tr>
<td></td>
<td>- Description contains the description of the country</td>
</tr>
</tbody>
</table>
6.2.5  NameType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@ModificationDate</td>
<td>This field contains the date since when the information is valid (yyyy-mm-dd).</td>
</tr>
<tr>
<td>@Origin</td>
<td>This field contains the source of this information: national register (NR) of BIS register (CBSS).</td>
</tr>
<tr>
<td>First</td>
<td>This field contains the first name of the person.</td>
</tr>
<tr>
<td>Middle</td>
<td>This field contains the middle name of the person.</td>
</tr>
<tr>
<td>Last</td>
<td>This field contains the last name of the person. If the last name contains more than 48 characters, the first 48 characters will be returned in the response.</td>
</tr>
</tbody>
</table>

6.2.6  GenderType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@ModificationDate</td>
<td>This field contains the date since when the information is valid (yyyy-mm-dd).</td>
</tr>
<tr>
<td>@Origin</td>
<td>This field contains the source of this information: national register (NR) or BIS register (CBSS).</td>
</tr>
</tbody>
</table>
6.2.7  NationalityType

<table>
<thead>
<tr>
<th>Field Name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@ModificationDate</td>
<td>This field contains the date since when the information is valid (yyyy-mm-dd).</td>
</tr>
<tr>
<td>@Origin</td>
<td>This field contains the source of this information: national register (NR) or BIS register (CBSS).</td>
</tr>
<tr>
<td>InsCode</td>
<td>This field contains the Ins code of the country.</td>
</tr>
<tr>
<td>Description</td>
<td>This field contains the description of the country.</td>
</tr>
</tbody>
</table>
6.2.8 CivilStateType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@ModificationDate</td>
<td>This field contains the date since when the information is valid (yyyy-mm-dd).</td>
</tr>
<tr>
<td>@Origin</td>
<td>This field contains the source of this information: national register (NR) or BIS register (CBSS).</td>
</tr>
<tr>
<td>Code</td>
<td>This field contains the code indicating the civil state of the person.</td>
</tr>
<tr>
<td>Description</td>
<td>This field contains the description of this code.</td>
</tr>
<tr>
<td>Localisation</td>
<td>This block contains the localization linked to civil state. Example: localization of wedding,...</td>
</tr>
</tbody>
</table>
Partner
This field contains information about the partner:
- the SSIN
- the name
- the gender
- the birthdate

Remark: in the case of a widow or a divorce, the information about the partner will not be returned in the response.

6.2.9 AddressType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>@ModificationDate</td>
<td>This field contains the date since when the information is valid (yyyy-mm-dd).</td>
</tr>
<tr>
<td>@Origin</td>
<td>This field contains the source of this information: national register (NR) of BIS register (CBSS).</td>
</tr>
<tr>
<td>PlainAddress</td>
<td>This block contains an address “unstructured”, only used when no standard address is available.</td>
</tr>
<tr>
<td>StandardAddress</td>
<td>This block contains an address with clear separation: street, number, and municipality.</td>
</tr>
</tbody>
</table>
6.2.10 PlainAddressType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>This field contains all the information known about the address (except the country).</td>
</tr>
<tr>
<td>InsCode</td>
<td>This field contains the Ins code of the country.</td>
</tr>
</tbody>
</table>
| Description| This field contains the description of the country.  
Remark: the attribute *Lang* can be nil. |
6.2.11 StandardAddressType

<table>
<thead>
<tr>
<th>Field name</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street/Description</td>
<td>This field contains the street (and the translation if the street is in a bilingual municipality).</td>
</tr>
<tr>
<td>Housenumber</td>
<td>This field contains the number.</td>
</tr>
<tr>
<td>Box</td>
<td>This field contains the box.</td>
</tr>
<tr>
<td>Municipality/InsCode</td>
<td>This field contains the Ins code of the commune (only if the municipality is in Belgium).</td>
</tr>
<tr>
<td>Municipality/Postalcode</td>
<td>This field contains the postal code.</td>
</tr>
<tr>
<td>Municipality/Description</td>
<td>This field contains the description of the municipality (and the translation if in a bilingual municipality).</td>
</tr>
<tr>
<td>Country/InsCode</td>
<td>This field contains the Ins code of the country.</td>
</tr>
<tr>
<td>Country/Description</td>
<td>This field contains the description of the country. Remark: the attribute Lang can be nil.</td>
</tr>
</tbody>
</table>
# Error and failure messages

Each error message returned by the webservice will have the following structure:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<ns1:SearchBySSINReply id="CRN00000000004P5" xsi:schemaLocation="urn:be:fgov:ehealth:consultRN:1_0:protocol IdentifyPerson-1-0.xsd" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:eH="urn:be:fgov:ehealth:commons:1_0:core" xmlns:ns1="urn:be:fgov:ehealth:consultRN:1_0:protocol">
  <eH:Status>
    <Code>Error code</Code>
    <Message>Error type</Message>
    <Message>Error description</Message>
  </eH:Status>
</ns1:SearchBySSINReply>
```

<table>
<thead>
<tr>
<th>Error codes</th>
<th>Error Types</th>
<th>Error description</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Business Problem : invalid author</td>
<td>HCP Identifier is not in database</td>
<td>CBE, NIHII or EHP identifier is not configured in database. Please take contact with contact center</td>
</tr>
<tr>
<td>1</td>
<td>Business Problem : invalid author</td>
<td>Application not in database</td>
<td>The application id is not configured in the database. Please contact the contact center</td>
</tr>
<tr>
<td>2</td>
<td>Business Problem : invalid author</td>
<td>No granted right found for application</td>
<td>The application id is not allowed to call the webservice. Please contact the contact center</td>
</tr>
<tr>
<td>4</td>
<td>Business Problem : invalid author</td>
<td>Bad application ID (malformed)</td>
<td>The application Id is not valid. Please check the application id in your request.</td>
</tr>
<tr>
<td>8</td>
<td>Business Problem : invalid author</td>
<td>The applicationId is not linked to the organization</td>
<td>Please contact the contact center</td>
</tr>
<tr>
<td>11 – 40</td>
<td>Technical Error</td>
<td>Technical Error: While Delegating To Subsystem (CBSS webservice)</td>
<td>Please contact the contact center</td>
</tr>
<tr>
<td></td>
<td>Technical Error</td>
<td>Technical Error: Problem With System (eHealth)</td>
<td>Please contact the contact center</td>
</tr>
<tr>
<td>---</td>
<td>------------------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------</td>
<td>----------------------------------</td>
</tr>
<tr>
<td>41 – 59</td>
<td>Technical Error</td>
<td>Technical Error: Problem With System (eHealth)</td>
<td>Please contact the contact center</td>
</tr>
<tr>
<td>60</td>
<td>business error: invalid request</td>
<td>SSIN malformed</td>
<td>Please check that INSS in your request is valid</td>
</tr>
<tr>
<td>61</td>
<td>business error: invalid request</td>
<td>Required field missing</td>
<td>A needed field is missing in your request</td>
</tr>
<tr>
<td>62</td>
<td>business error: invalid request</td>
<td>Condition not satisfied</td>
<td>Please check in your request that StartDate != EndDate and StartDate &gt;= currentDate</td>
</tr>
<tr>
<td>72</td>
<td>business error: No data found</td>
<td>No data found</td>
<td>There is no information found about the individual.</td>
</tr>
<tr>
<td>74</td>
<td>The SSIN ([0]) was replaced by {1}</td>
<td>The SSIN ([0]) was replaced by {1} (BCSS)</td>
<td>When you call again the webservice identifyPerson, you must use in your request the INSS {1} as input to get individual data.</td>
</tr>
<tr>
<td>81</td>
<td>Business Error: ssin doesn’t exist</td>
<td>SSIN doesn’t exist</td>
<td>The INSS is unknown in CBSS register</td>
</tr>
<tr>
<td>85</td>
<td>Business Problem</td>
<td>Period is invalid</td>
<td>The period in your request does not match the inscription period for the individual. Please check the period in your request. Check that your begin date contains “today”.</td>
</tr>
<tr>
<td>86</td>
<td>business error: wrong quality</td>
<td>Wrong quality (IdentifyPerson)</td>
<td>Please check that you use a valid quality code in your request.</td>
</tr>
</tbody>
</table>
8. Test and release processes

8.1 Procedure

This chapter explains the procedures for testing and releasing an application in acceptance or production.

8.1.1 Initiation

If you intend to use the eHealth platform service, please contact info@ehealth.fgov.be. The project department will provide you with the necessary information and mandatory documents.

1. First, the users will need to request an agreement from the sectoral committee secretary@socsec.committee.belgium.be.

2. An approval letter from the sectoral committee, and a project identifier number, “application ID”, shall be sent to the users.

3. The “integration team” supports the rest of the integration.

8.1.2 Development and test procedure

- The consult RN test is a set of test scenarios that cover the integration of the set of WS (Identify person, Phonetic search, manage inscription, person history and mutation sender).

- The test scenarios are available on the portal of the eHealth platform 1.

- In order to get your production application ID, you should first prove in the acceptance environment that you have correctly implemented the call to the services. Therefore, you will need to complete the “test scenario form” and send it to the integration team.

8.1.3 Release procedure

When development tests are successful, you can request to access the acceptance environment of the eHealth platform. From this moment, you start the integration and acceptance tests. The eHealth platform suggests testing during minimum one month.

After successful acceptance tests, the partner sends his test results and performance results with a sample of “eHealth request” and “eHealth answer” by email to his point of contact at the eHealth platform.

Then the eHealth platform and the partner agree on a release date. The eHealth platform prepares the connection to the production environment and provides the partner with the necessary information. During the release day, the partner provides the eHealth platform with feedback on the test and performance tests.

For further information and instructions, please contact: integration-support@ehealth.fgov.be.

8.1.4 Operational follow-up

Once in production, the partner using the eHealth platform service for one of his applications will always test first in the acceptance environment before releasing any adaptations of its application in production. In addition, he will inform the eHealth platform on the progress and test period.

In case of technical issues on the WS, the technician of the partner in the Health sector may obtain support from eHealth contact center.
9. Risks and security

9.1 Security

9.1.1 Business security

In case the development adds an additional use case based on an existing integration, the eHealth platform must be informed at least one month in advance with a detailed estimate of the expected load. This will ensure an effective capacity management.

In case of technical issues on the WS, the partner may obtain support from the contact center (see Chap 3)

**In case the eHealth platform finds a bug or vulnerability in its software, we advise the partner to update his application with the newest version of the software within 10 business days.**

**In case the partner finds a bug or vulnerability in the software or web service that the eHealth platform delivered, he is obliged to contact and inform us immediately. He is not allowed to publish this bug or vulnerability in any case.**

9.1.2 Web service

WS security used in this manner is in accordance with the common standards. Your call will provide:

- SSL one way
- An X.509 certificate. This will contain the identifiers of the caller: NIHII number or enterprise number.
- Time-to-live of the message: one minute.
- Signature of the timestamp, body and binary security token. This will allow the eHealth platform to verify the integrity of the message and the identity of the message author.
- No encryption on the message.

For further information, please refer to your eHealth contact. In order to use the WS, an agreement from eHealth is required.

9.1.3 The use of username, password and token

The username, password and token are strictly personal. Partners and clients are not allowed to transfer them. Every user takes care of his username, password and token and he is forced to confidentiality of it. Moreover, every user is responsible of every use, which includes the use by a third party, until the inactivation.