eIDAS Attribute Mapping Specification for the Swedish eID Framework

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# Introduction

This document extends “Attribute Specification for the Swedish eID Framework”, [EidAttributes], with algorithms, methods and formats for how uniqueness identifiers for the Swedish eID Framework are compiled given person identity information received from the eIDAS Framework.

*TODO: More here*

## Requirement key words

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” are to be interpreted as described in [RFC2119].

These keywords are capitalized when used to unambiguously specify requirements over protocol features and behavior that affect the interoperability and security of implementations. When these words are not capitalized, they are meant in their natural-language sense.

## Name space references

Conventional XML namespace prefixes are used throughout the listings in this specification to stand for their respective namespaces as follows, whether or not a namespace declaration is present in the example:

|  |  |  |
| --- | --- | --- |
| **Prefix** | **XML Namespace** | **Comments** |
| saml | urn:oasis:names:tc:SAML:2.0:assertion | The SAML V2.0 assertion namespace, defined in the schema [SAML-XSD]. |
| xs | http://www.w3.org/2001/XMLSchema | The XML Schema namespace, representing definitions of data types in [XML-Schema] |

## Structure

This specification uses the following typographical conventions in text: <ns:Element>, Attribute, **Datatype**, OtherCode.

# Provisional Identifiers

TODO: Intro.

## Format Specification

TODO: Define how a provisionalId is represented.

## Provisional Identifier Quality Indicator

TODO: Define the different “classes”.

## Algorithms

TODO: Describe the different algorithms that are used to calculate a provisional ID.

# Mapping of Personal Identity Number

## Background

TODO: Text about the use of personalIdentityNumber is eIDAS-assertions.

## The Personal Identity Number Binding Attribute

TODO: Describe the different methods for how we have obtained a personalIdentityNumber (and give their URIs).

# References

[RFC2119]

[Bradner, S., Key words for use in RFCs to Indicate Requirement Levels, March 1997.](http://www.ietf.org/rfc/rfc2119.txt)

[SAML2Core]

[OASIS Standard, Assertions and Protocols for the OASIS Security Assertion Markup Language (SAML) V2.0, March 2005.](http://docs.oasis-open.org/security/saml/v2.0/saml-core-2.0-os.pdf)

[SAML-XSD]

S. Cantor et al., SAML assertions schema. OASIS SSTC, March 2005. Document ID saml-schema-assertion-2.0. See <http://www.oasisopen.org/committees/security/>.

[XML-Schema]

XML Schema Part 2: Datatypes Second Edition, W3C Recommendation, 28 October 2004. See <http://www.w3.org/TR/xmlschema-2/>.

[EidAttributes]

Attribute Specification for the Swedish eID Framework.

[eIDAS\_Attr]

[eIDAS SAML Attribute Profile](https://joinup.ec.europa.eu/sites/default/files/eidas_saml_attribute_profile_v1.0_2.pdf), 22 June 2015.