

Samleikin Registry of Identifiers

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1. Background

The implementation of a Faroese infrastructure for electronic identification and electronic signature requires various types of identifiers to represent objects in protocols and data structures.

This document defines the structure for identifiers assigned by Gjaldstovan and provides a registry for assigned identifiers.

The following types of identifiers are assigned in this document:

- URI (Uniform Resource Identifier)
- OID (Object Identifier)

This registry is limited to registering assigned identifiers. Identifiers in this registry are typically defined within the context of a separate specification, which defines the semantic meaning of the identifier within the context of a particular protocol and/or data structure. Where applicable, this registry provides references to the documents where the exact meaning of each identifier is defined.

2. Structure

The basic structure of identifiers assigned by Gjaldstovan is based on the following components:

| Parameter | Description |
|---------------------------|---|
| Prefix | The leading portion of the identifier that associates the identifier with this registry and identifies Gjaldstovan as the assigner of the identifier. |
| Category | A code for the category of an identifier. Each category is a defined context for a collection of identifiers within the scope of a protocol, service or object type. |
| Version (optional) | An indicator of the version of the object represented by this identifier. The exact semantic of the version indicator, if present, is defined within each category. |
| Identifier | A sequence of characters or numbers (according to the syntax of the identifier type), which distinguish this identifier among all other identifiers within a particular prefix, category and version. |

2.1. URI identifiers

All URI identifiers in this registry are of URL type (Uniform Resource Locator), assigned under the prefix `http://id.samleiki.fo`.

These URL identifiers are defined using the following structure:

```
http://id.samleiki.fo/{category}[/{version}]/{identifier}
```

3. Assigned Identifiers

3.1. URI identifiers

The following category codes are defined (**subject to changes**):

| Code | Category |
|------|----------|
|------|----------|

| | |
|-------------|--|
| loa | Level of Assurance. Identifiers representing assurance level for federated identity. |
| ap | Attribute profile. |
| acsi | AssertionConsumerService index. A "tag" that identifies the ACS endpoint so that it can be referenced by other configuration elements or applications. |

3.1.1. Authentication Context URIs

Authentication Context URIs representing assurance levels according to the assurance framework for the Faroese eID Trust Framework.

| URI | Object | Reference |
|---|--|-----------|
| http://id.samleiki.fo/loa/1.0/low | Assurance level Low in accordance with the Faroese Assurance framework | [eIDAS] |
| http://id.samleiki.fo/loa/1.0/substantial | Assurance level Substantial in accordance with the Faroese Assurance framework | [eIDAS] |
| http://id.samleiki.fo/loa/1.0/high | Assurance level High in accordance with the Faroese Assurance framework | [eIDAS] |

3.1.2. Attribute Sets

Identifiers for attribute sets defined in the Attribute Profile Specification for the Faroese eID Framework (**subject to changes**).

| Identifier | URI | Object | Reference |
|------------------------|---|--|------------|
| TS-AP-Pseudonym-01 | http://id.samleiki.fo/ap/1.0/pseudonym-01 | Pseudonym identity attribute set. | [AttrProf] |
| TS-AP-NaturalPerson-01 | http://id.samleiki.fo/ap/1.0/natural-person-01 | Personal identity without civic registration number attribute set. | [AttrProf] |
| TS-AP-DateOfBirth-01 | http://id.samleiki.fo/ap/1.0/date-of-birth-01 | Date of birth. | [AttrProf] |
| TS-AP-Pnr-01 | http://id.samleiki.fo/ap/1.0/pnr-01 | Personal identity with civic registration number attribute set. | [AttrProf] |

3.2. OID Categories

Defined categories (**subject to changes**):

| Code | Category |
|------|---|
| 0 | ASN.1 modules |
| 1 | Test identifiers |
| 2 | Policy identifiers |
| 3 | Attribute identifiers |
| 4 | X.509 certificate extension identifiers |

4. Rerefences

[SAML2Core]

OASIS Standard, Assertions and Protocols for the OASIS Security Assertion Markup Language (SAML) V2.0, March 2005.

[DeployProf]

Samleikin Deployment Profile

[AttrProf]

Attribute Specification for Samleikin

[eIDAS]

REGULATION (EU) No 910/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 July 2014 on electronic identification and trust services for electronic transactions in the internal market and repealing Directive 1999/93/EC. Including implementation acts of the regulation and associated technical specifications.

5. Changes between versions