

# SAML 2.0 Attribute Profile

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## *FOR THE FINNISH PUBLIC SECTOR*

Version	Date	Changes
1.0	8.12.2010	Implementation by Ubisecure Solutions, Fujitsu Services and CSC — IT Center for Science. Approved by Ministry of Finance and Ministry of Employment and the Economy.
1.1	21.2.2011	New attribute to indicate the Authentication Provider.

This is the attribute profile specification for the Finnish public sector identity federation services, such as VETUMA, tunnistus.fi and Virtu. This document defines the syntax and semantics of the attributes which are common to all identity federation services. This document may be supplemented in the service-specific documentation.

Tunnistus.fi and VETUMA are two citizen authentication services in the Finnish public sector. Virtu is an identity federation for authentication of the civil servants in the Finnish state government.

## electronicIdentificationNumber (satu)

Description	The electronic identification number (sähköinen asiointitunnus, satu) issued to an individual by Population Registry Center (Väestörekisterikeskus).
Intended use	Identification of an end user
OID	1.2.246.22
SAML 2.0 attribute statement example	<pre>&lt;Attribute   NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"   Name="urn:oid:1.2.246.22"   FriendlyName="electronicIdentificationNumber"&gt;   &lt;AttributeValue&gt;012345678N&lt;/AttributeValue&gt; &lt;/Attribute&gt;</pre>

## nationalIdentificationNumber (hetu)

Description	The national identification number (henkilötunnus, hetu) issued to an individual by Population Registry Center (Väestörekisterikeskus).
Intended use	Identification of an end user
OID	1.2.246.21
SAML 2.0 attribute statement example	<pre>&lt;Attribute   NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"   Name="urn:oid:1.2.246.21"   FriendlyName="nationalIdentificationNumber"&gt;   &lt;AttributeValue&gt;010191-123A&lt;/AttributeValue&gt; &lt;/Attribute&gt;</pre>

## commonName (cn)

Description	This is the X.500 commonName attribute, which contains a name of an object. If the object corresponds to a person, it is typically the person's full name [RFC 2256].
Intended use	Representation of the end user's full name
OID	2.5.4.3
SAML 2.0 attribute statement example	<pre>&lt;Attribute   NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"   Name="urn:oid:2.5.4.3"   FriendlyName="cn"&gt;   &lt;AttributeValue&gt;Tammi Tauno Matias&lt;/AttributeValue&gt; &lt;/Attribute&gt;</pre>

## authenticationProvider

Description	URI that identifies the provider of the authentication service (to facilitate setups where the authentication was not carried out by the issuer of the SAML assertion).
Intended use	Gathering of statistics information. Debugging.
OID	1.3.6.1.4.1.31350.1.11
SAML 2.0 attribute statement example	<pre>&lt;Attribute   NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"   Name="urn:oid:1.3.6.1.4.1.31350.1.11"   FriendlyName="authenticationProvider"&gt;   &lt;AttributeValue&gt;     <a href="https://tunnistepalvelu.samlink.fi/TupasTunnistus/SHBtupas.html">https://tunnistepalvelu.samlink.fi/TupasTunnistus/SHBtupas.html</a>   &lt;/AttributeValue&gt; &lt;/Attribute&gt;</pre>