



## LRI MS Connection

### WP2 Workshop Analysis/Design Consolidation

# Attributes for Authentication, Authorisation and Accounting

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# Agenda

- Terms
- Authentication attributes
- Authorisation attributes
- Accounting attributes

Term	In simpler words
<b>Authentication</b> – the process of authentication is based on each user having a unique set of criteria for gaining access.	Identifying the user
<b>Authorization</b> – the process of enforcing policies: determining what types or qualities of activities, resources, or services a user is permitted.	What is the user allowed to do
<b>Accounting</b> – carried out by logging of session statistics and usage information and is used for authorization control, trend analysis, resource utilization, and capacity	Recording information on what the user did
<b>Reference:</b> <a href="http://searchsecurity.techtarget.com/definition/authentication-authorization-and-accounting">http://searchsecurity.techtarget.com/definition/authentication-authorization-and-accounting</a>	

## eIDAS Definition of terms

**‘authentication’** means an electronic process that enables the electronic identification of a natural or legal person, or the origin and integrity of data in electronic form to be confirmed;

**‘electronic identification’** means the process of using person identification data in electronic form uniquely representing either a natural or legal person, or a natural person representing a legal person;

### Reference:

- **Regulation (EU) No 910/2014** on electronic identification and trust services for electronic transactions in the internal market (eIDAS)
  - See: <https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32014R0910>
  - ELI: <http://data.europa.eu/eli/reg/2014/910/oj>

# Authentication attributes – defined by eIDAS

# eIDAS Mandatory Attributes for Natural Persons

Attribute (Friendly Name)	eIDAS MDS Attribute	ISA Core Vocab Equivalent	Notes
FamilyName	Current Family Name	cbc:FamilyName	Encoded as xsd:string
FirstName	Current First Names	cvb:GivenName	Encoded as xsd:string
DateOfBirth	Date of Birth	cvb:BirthDate	Encoded as xsd:date
PersonIdentifier	Unique Identifier	cva:Cvidentifier	Encoded as xsd:string

# eIDAS Mandatory Attributes for Legal Persons

Attribute (Friendly Name)	eIDAS MDS Attribute	ISA Core Vocab Equivalent	Notes
LegalName	Current Legal Name	cvb:LegalName	Encoded as xsd:string
LegalPersonIdentifier	Uniquenes Identifier	cva:Cvidentifier	Encoded as xsd:string

# Authorisation and Accounting Attributes



## Authorisation attributes – as additional SAML attributes

Attribute	Mandatory / Optional	Example value
X-LRI-Role	Mandatory	PUBLIC_OFFICIAL

## Accounting attributes – as additional SAML attributes

Attribute	Mandatory / Optional	Example value (AT)
X-LRI-Participant	Optional	AT:B:100
X-LRI-OrganisationalUnit	Optional	Landesgericht Wiener Neustadt
X-LRI-InvoiceRecipientId:	Optional	AT:B:111
X-LRI-CostCenter	Optional	AN 123132/a