

# Supplied attributes

## Important

During the current pilot phase of the SCZ project, things can change based on evolving requirements of current pilot partners and expected future customers or new insights.

While we try to keep this documentation up to date, it could be we forgot something; if you encounter deviations from the information provided, please contact us at [raoul.teeuwen@surfnet.nl](mailto:raoul.teeuwen@surfnet.nl).

## General information

- We base our attribute set on attributes defined in [eduPerson](#), [Schac](#) en [eduMember](#).
- We use the Internet2 Mace and OID namespaces.
- We use [REFEDS R&S](#).

## Sources of attributes

We currently have the following sources of attributes:

- what we receive from the IdP
- what is stored within the CManage CO's and CO's a person is member of

## Attributes CManage releases

Currently we transport the following attributes from IdP when set, unless CManage overrides.

OpenID	SAML mace	SAML oid
uid	urn:mace:dir:attribute-def:uid	urn:oid:0.9.2342.19200300.100.1.1
address.street_address	urn:mace:dir:attribute-def:postalAddress	urn:oid:2.5.4.16
nickname	urn:mace:dir:attribute-def:displayName	urn:oid:2.16.840.1.113730.3.1.241
given_name	urn:mace:dir:attribute-def:givenName	urn:oid:2.5.4.42
email	urn:mace:dir:attribute-def:mail	urn:oid:0.9.2342.19200300.100.1.3
name	urn:mace:dir:attribute-def:cn	urn:oid:2.5.4.3
family_name	urn:mace:dir:attribute-def:sn	urn:oid:2.5.4.4
edumember_is_member_of	urn:mace:dir:attribute-def:isMemberOf	urn:oid:1.3.6.1.4.1.5923.1.5.1.1
schac_home_organisation	urn:mace: <a href="#">terena.org</a> :attribute-def:schacHomeOrganization	urn:oid:1.3.6.1.4.1.25178.1.2.9
eduperson_targeted_id	urn:mace:dir:attribute-def:eduPersonTargetedID	urn:oid:1.3.6.1.4.1.5923.1.1.1.10
eduperson_principalname	urn:mace:dir:attribute-def:eduPersonPrincipalName	urn:oid:1.3.6.1.4.1.5923.1.1.1.6
eduperson_scoped_affiliation	urn:mace:dir:attribute-def:eduPersonScopedAffiliation	urn:oid:1.3.6.1.4.1.5923.1.1.1.9
eduperson_affiliation	urn:mace:dir:attribute-def:eduPersonAffiliation	urn:oid:1.3.6.1.4.1.5923.1.1.1.1
eduperson_entitlement	urn:mace:dir:attribute-def:eduPersonEntitlement	urn:oid:1.3.6.1.4.1.5923.1.1.1.7

For mapping SAML to OIDC we use the [REFEDS OIDC 'OpenID Connect SAML mapping' specification](#) (also see <https://github.com/surfnet-niels/refeds-oidcre-saml-oidc-mapping/blob/master/refeds-oidcre-oidc-saml-mapping.md>).

# Attribute candidates

The following attributes are identified as possible candidates, but it has not been decided whether to incorporate them:

- 'eduPersonUniqueId', 'urn:oid:1.3.6.1.4.1.5923.1.1.1.13'
- 'eduPersonOrcid', 'urn:oid:1.3.6.1.4.1.5923.1.1.1.16'
- 'cn', 'urn:oid:2.5.4.3'
- 'description', 'urn:oid:2.5.4.13'
- 'facsimileTelephoneNumber', 'urn:oid:2.5.4.23'
- 'mobile', 'urn:oid:0.9.2342.19200300.100.1.41'
- 'o', 'urn:oid:2.5.4.10'
- 'ou', 'urn:oid:2.5.4.11'
- 'telephoneNumber', 'urn:oid:2.5.4.20'
- 'title', 'urn:oid:2.5.4.12'

## How we supply group information to SP's

COmanage works with CO's (Collaborative Organisation) and COU's (CO Units). Collaborations use one or more CO's and COU's. Information of which CO's and COU's a person is member of, will be translated to the IsMemberOf attribute. We use the [AARC 'Guidelines on expressing group membership and role information'](#) to translate the COmanage CO's and COU's to attributes.

## How we supply custom attributes to SP's

COmanage allows CO administrators to add custom attributes. This information is translated to the eduPersonEntitlement attribute, and we use the [AARC 'Guidelines on expressing group membership and role information'](#) to translate the COmanage CO's and COU's to attributes.