

Entity Category attribute release in SWAMID






Entity categories is used for data release minimization and scalable attribute release from an Identity Provider within SWAMID to a Service Provider in SWAMID and/or eduGAIN.

If an owner of a Service and the Identity Provider Home Organisation has a bilateral agreement the attribute release can be extended with additional attributes based on the agreement.

Best Practice attribute release based on entity categories

x - Attribute is released if it's available in the Home Organisation Identity Provider.

o - Attribute is released only if requested and required in the metadata for the service and if it's available in the Home Organisation Identity Provider.

Attribut	SAML2 Attribute Identifier	Without entity category	GÉANT CoCo	REFEDS R&S	SWAMID R&E	SWAMID SFS-1993-1153
			<p> Restriction</p> <p>Attribute released "only if requested and required in metadata¹.</p> <p>Note that nor Edupersons on NIN and persons on all entityNumbers².</p>		<p> Deprecated and will be removed from 2020-05-01</p> <p>This entity category is deprecated and will be removed from 2020-05-01. Use REFEDS R&S or GÉANT CoCo instead depending on service. Last use of this entity category is 2020-10-31. No new EntityID will be permitted to use this category from 2019-11-01.</p> <p> Dependency</p> <p><i>SWAMID R&E is used in pair with one of the entity categories SWAMID EU-Adequate-Protection, SWAMID NREN-Service and SWAMID HEI-Service</i></p>	<p> Deprecated and will be removed from 2020-05-01</p> <p>This entity category is deprecated and will be removed from 2020-05-01. Use GÉANT CoCo with entity registrar requirements. Last use of this entity category is 2020-10-31. No new EntityID will be permitted to use this category from 2019-11-01.</p> <p> Restriction</p> <p>Attributes released only for users with a Swedish personal identity number (sv. personnummer), a Swedish co-ordination number (sv. samordningsnummer) or a organisational student interim identity number (sv. interimspersonnummer)</p>
eduPersonTargetedID	urn:oid:1.3.6.1.4.1.5923.1.1.10		o	x ³		
eduPersonPrincipalName	urn:oid:1.3.6.1.4.1.5923.1.1.6		o	x	x	

eduPersonUniqueID ⁴	urn:oid:1.3.6.1.4.1.5923.1.1.1.13		o	x	x	
eduPersonOrcid	urn:oid:1.3.6.1.4.1.5923.1.1.1.16		o			
norEduPersonNIN	urn:oid:1.3.6.1.4.1.2428.90.1.5		o ²			x
personalIdentityNumber	urn:oid:1.2.752.29.4.13		o ²			
schacDateOfBirth	urn:oid:1.3.6.1.4.1.25178.1.2.3		o			
mail	urn:oid:0.9.2342.19200300.100.1.3		o	x	x	
displayName	urn:oid:2.16.840.1.113730.3.1.241		o	x	x	
cn (commonName)	urn:oid:2.5.4.3		o		x	
givenName	urn:oid:2.5.4.42		o	x	x	
sn (surname)	urn:oid:2.5.4.4		o	x	x	
eduPersonAssurance	urn:oid:1.3.6.1.4.1.5923.1.1.1.11		o	x	x	x
eduPersonScopedAffiliation	urn:oid:1.3.6.1.4.1.5923.1.1.1.9		o	x	x	
eduPersonAffiliation	urn:oid:1.3.6.1.4.1.5923.1.1.1.1		o			
o (organizationName)	urn:oid:2.5.4.10		o		x	
norEduOrgAcronym	urn:oid:1.3.6.1.4.1.2428.90.1.6		o		x	
c (countryName)	urn:oid:2.5.4.6		o		x	
co (friendlyCountryName)	urn:oid:0.9.2342.19200300.100.1.43		o		x	
schacHomeOrganization	urn:oid:1.3.6.1.4.1.25178.1.2.9		o		x	
schacHomeOrganizationType	urn:oid:1.3.6.1.4.1.25178.1.2.10		o			

1. The entity category GÉANT Code of Conduct does not have a specific attribute bundle. Instead of an attribute bundle it uses attribute request in metadata for specific required attributes.
2. norEduPersonNIN and personalIdentityNumber shall only be released when required by entities registered with in SWAMID (registrationAuthority="<http://www.swamid.se/>").
 - personalIdentityNumber must only contain Swedish Personal Numbers or Swedish Co-ordination Numbers.
 - norEduPersonNIN can besides Swedish Personal Numbers and Swedish Co-ordination Numbers also contain Interim Personal Numbers from the student documentation system Ladok and the Swedish national study enrolment system.
3. eduPersonTargetedID should only be released in with the entity category REFEDS Research & Scholarship if eduPersonPrincipalName is reassignable.
4. eduPersonUniqueID must be a long term unique identifier that will not be reused. If eduPersonPrincipalName is non-reassignable then eduPersonUniqueID can have the same value as eduPersonPrincipalName.

URI for all entity categories used within SWAMID

Entity category	Unique identifier	
GÉANT CoCo	http://www.geant.net/uri/dataprotection-code-of-conduct/v1	
REFEDS R&S	http://refeds.org/category/research-and-scholarship	

SWAMID R&E	http://www.swamid.se/category/research-and-education	Is deprecated and will be completely removed 2020-11-01
SWAMID SFS-1993-1153	http://www.swamid.se/category/sfs-1993-1153	Is deprecated and will be completely removed 2020-11-01
SWAMID EU-Adequate-Protection	http://www.swamid.se/category/eu-adequate-protection	Is deprecated and will be completely removed 2020-11-01
SWAMID NREN-Service	http://www.swamid.se/category/nren-service	Is deprecated and will be completely removed 2020-11-01
SWAMID HEI-Service	http://www.swamid.se/category/hei-service	Is deprecated and will be completely removed 2020-11-01

URI for all assurance profiles used within SWAMID

Entitetskategori	Unik identifierare
SWAMID AL1	http://www.swamid.se/policy/assurance/al1
SWAMID AL2	http://www.swamid.se/policy/assurance/al2
SWAMID AL2-MFA-HI	https://www.swamid.se/policy/authentication/swamid-al2-mfa-hi
REFEDS Assurance Framework	https://refeds.org/assurance/ *
REFEDS SIRTFI	https://refeds.org/sirtfi