

Attributes required from Higher Education Institutions

The purpose of the processing operation is to enable students and faculty of Higher Education Institutions (HEIs) to identify and authenticate themselves to the Services of the [European Student Card Initiative](#) and those directly supporting the digitisation of [Erasmus+](#). These services are operated by the [European an University Foundation \(EUF\)](#), which supports and enable the student mobility process.

The following attributes are requested:

Attribute	Explanation
<p><u>Any of:</u></p> <ul style="list-style-type: none"> • Pers iste nt Name ID • eduP erso nPri ncip alNa me* • eduP erso nTar gete dID • eduP erso nUni queId • eduP erso nOrc id • subj ect- id • pair wise -id 	<p>The services requires to uniquely identify users throughout the student mobility process. Without some kind of unique identifier, it is not possible to distinguish between two different users.</p> <p>*: <i>The eduPersonPrincipalName can be used only if one of the following conditions are met: i) the IdP supports the R&S Entity Category, ii) the eduPersonAssurance attribute is also released and it has a value of https://refeds.org/assurance/ID/eppn-unique-no-reassign, iii) the federation in which the IdP has registered has a policy that prohibits the reassignment of the value of the eduPersonPrincipalName attribute</i></p>
eduPerson Assurance	The eduPersonAssurance attribute is required in the case an IdP releases only eduPersonPrincipalName as an identifier and the IdP does not support the Research and Scholarship entity category. In this case, if eduPersonArrusance has a value of value of https://refeds.org/assurance/ID/eppn-unique-no-reassign , in order to be able to use eduPersonPrincipalName as an identifier.
<p><u>Any of:</u></p> <ul style="list-style-type: none"> • cn • disp layN ame • sn + g iven Name 	The Erasmus process needs to know the name of the person participating in the student mobility process.
mail	The service needs to be able to contact the user regarding the status of student mobility process.
schacPer sonalUni queCode	The student mobility processes require the use of a number of services, all of which are involved in different stages of the pipeline and which will need to be able to exchange data about the students who are in mobility. The European Student Identifier (ESI) is globally unique, persistent, non-targeted, protocol neutral and data transport neutral. In SAML, the ESI is transported in the schacPersonaUniqu eCode attribute (as defined in the SCHema for Academia). Currently support for the ESI is being rolled out in Higher Education Institutions around Europe. If your HEI, already supports the ESI, you can release it to the ERASMUS SP Proxy using this attribute.
schacHom eOrganiz ation	The student mobility processes need the to identify the Home Institution from which the user is coming from.
eduPerso nScopedA ffiliati on	The student mobility processes rely on authorising access to users based on the affiliation of their members in their home organisation.

SAML Attribute Names

SAML Attributes MUST be sent using `urn:oasis:names:tc:SAML:2.0:attrname-format:uri` NameFormat. Below is the list of the canonical names of the SAML attributes:

SAML Attribute Name	SAML Attribute Friendly Name
urn:oasis:names:tc:SAML:attribute:subject-id	subject-id
urn:oasis:names:tc:SAML:attribute:pairwise-id	pairwise-id
urn:oid:0.9.2342.19200300.100.1.3	email
urn:oid:1.3.6.1.4.1.25178.1.2.9	schacHomeOrganization
urn:oid:1.3.6.1.4.1.5923.1.1.1.6	eduPersonPrincipalName
urn:oid:1.3.6.1.4.1.5923.1.1.1.9	eduPersonScopedAffiliation
urn:oid:1.3.6.1.4.1.5923.1.1.1.10	eduPersonTargetedID
urn:oid:1.3.6.1.4.1.5923.1.1.1.11	eduPersonAssurance
urn:oid:1.3.6.1.4.1.5923.1.1.1.13	eduPersonUniqueld
urn:oid:1.3.6.1.4.1.5923.1.1.1.16	eduPersonOrcid
urn:oid:2.5.4.3	cn
urn:oid:2.5.4.4	surname
urn:oid:2.5.4.42	givenName
urn:oid:2.16.840.1.113730.3.1.241	displayName