

REFEDS Attribute Registry

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User Identifier

FriendlyName: refedsUserID

Name: http://refeds.org/attribute/refedsUserID

An *User Identifier* is a persistent, non-reassigned identifier.

An Identity Provider (or Attribute Authority) is said to *release a User Identifier* when it releases at least one of the following attributes on the wire:

1. eduPersonTargetedID
2. eduPersonUniqueId
3. eduPersonPrincipalName (if non-reassigned)

A Service Provider is said to *request a User Identifier* when it does so directly, as shown in the following example.

Example

Here is an example of an abstract User Identifier requested in Service Provider metadata:

```
<md:RequestedAttribute FriendlyName="refedsUserID"
  Name="http://refeds.org/attribute/refedsUserID"
  NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri" />
```

Non-Private User Identifier

FriendlyName: refedsNonPrivateUserID

Name: http://refeds.org/attribute/refedsNonPrivateUserID

A *Non-Private User Identifier* is a persistent, non-reassigned, non-targeted identifier.

An Identity Provider (or Attribute Authority) is said to *release a Non-Private User Identifier* when it releases at least one of the following attributes (or attribute combinations) on the wire:

1. eduPersonUniqueId
2. eduPersonPrincipalName (if non-reassigned)

A Service Provider is said to *request a Non-Private User Identifier* when it requests the eduPersonUniqueId attribute in metadata or a query. Alternatively, a Service Provider may request a Non-Private User Identifier directly, as shown in the following example.

Example

Here is an example of an abstract Non-Private User Identifier requested in Service Provider metadata:

```
<md:RequestedAttribute FriendlyName="refedsNonPrivateUserID"
  Name="http://refeds.org/attribute/refedsNonPrivateUserID"
  NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri" />
```

Person Name

FriendlyName: refedsPersonName

Name: http://refeds.org/attribute/refedsPersonName

A *Person Name* is a human-readable name for the person (or subject) involved in a federated transaction.

An Identity Provider (or Attribute Authority) is said to *release a Person Name* when it releases at least one of the following attributes (or attribute combinations) on the wire:

1. `displayName`
2. `givenName + sn` (surname)

A Service Provider is said to *request a Person Name* when it requests the `displayName` attribute in metadata or a query. Alternatively, a Service Provider may request a Person Name directly, as shown in the following example.

Example

Here is an example of an abstract Person Name requested in Service Provider metadata:

```
<md:RequestedAttribute FriendlyName="refedsPersonName"
  Name="http://refeds.org/attribute/refedsPersonName"
  NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri" />
```

Email Address

FriendlyName: `refedsEmailAddress`

Name: `http://refeds.org/attribute/refedsEmailAddress`

An *Email Address* is an electronic mail address for the person (or subject) involved in a federated transaction. By definition, an Email Address is synonymous with the `mail` attribute.

An Identity Provider (or Attribute Authority) is said to *release an Email Address* when it releases the `mail` attribute on the wire. A Service Provider is said to *request an Email Address* when it requests the `mail` attribute in metadata or a query. Alternatively, a Service Provider may request an Email Address directly, as shown in the following example.

Example

Here is an example of an abstract Email Address requested in Service Provider metadata:

```
<md:RequestedAttribute FriendlyName="refedsEmailAddress"
  Name="http://refeds.org/attribute/refedsEmailAddress"
  NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri" />
```