Overview

`eduPersonTargetedID` (eptid) is a user identifier attribute defined in the `eduPerson` LDAP object class. It is a persistent, non-reassigned, opaque identifier. `eduPersonTargetedID` is designed to prevent two relying parties receiving user information from an Identity Provider from correlating user information, thus revealing the user identity when it is not intended.

<table>
<thead>
<tr>
<th>OID</th>
<th>1.3.6.1.4.1.5923.1.1.1.10</th>
</tr>
</thead>
<tbody>
<tr>
<td>LDAP Syntax</td>
<td>Directory String</td>
</tr>
<tr>
<td># of Values</td>
<td>multi-valued</td>
</tr>
<tr>
<td>References</td>
<td><code>eduPerson</code></td>
</tr>
</tbody>
</table>

`eduPersonTargetedID` is deprecated. It will be marked as obsolete in a future release of the `eduPerson` Object Class specification.

See: Why is `eduPersonTargetedID` deprecated?

Use in the InCommon Federation

`eduPersonTargetedID` is deprecated. Deployers who currently rely on `eduPersonTargetedID` should devise plans to transition to use the SAML 2 Pairwise Subject Identifier instead.

`eduPersonTargetedID` may be required to satisfy the REFEDS Research & Scholarship (R&S) entity category's requirement for shared user identifier if the IdP's implementation of eppn permits reassignment.

SAML Response Example

```xml
<samlp:Response xmlns:samlp="urn:oasis:names:tc:SAML:2.0:protocol"
xmlns:saml="urn:oasis:names:tc:SAML:2.0:assertion"
ID="..." Version="2.0" IssueInstant="2020-07-17T01:01:48Z"
Destination="..." InResponseTo="...">

...
<saml:Assertion ...>

<saml:Attribute xmlns:x500="urn:oasis:names:tc:SAML:2.0:profiles:X500"
attribute:X500"
NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"
Name="urn:oid:1.3.6.1.4.1.5923.1.1.1.10"
FriendlyName="eduPersonTargetedID"
x500:Encoding="LDAP">
<table>
<tr><td>AttributeValue</td><td>xsi:type="xsd:string">?todo?provide-example-eptid</td></tr>
</table>
</saml:Attribute>

...
</saml:AttributeStatement>
</saml:Assertion>
</samlp:Response>
```
See Also

- eduPersonPrincipalName
- SAML General Purpose Subject Identifier (subject-id)
- SAML Pairwise Subject Identifier (pairwise-id)
- eduPersonUniqueID
- Understanding Federated User Identifiers