

Essential Attribute Bundle Config



Deprecated

Note that this page has been deprecated; the information they contain is no longer current. The page has been retained for historical purposes only.

This page shows how to configure a Shibboleth IdP to release the [Essential Attribute Bundle](#).

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Release the Essential Attribute Bundle to Any SP

It is straightforward to configure a Shibboleth IdP to release the [Essential Attribute Bundle](#) to **any SP**:

Release the Essential Attribute Bundle to Any SP

```
<afp:AttributeFilterPolicy id="releaseEssentialAttributesToAnySP">

  <afp:PolicyRequirementRule xsi:type="basic:ANY"/>

  <afp:AttributeRule attributeID="eduPersonPrincipalName">
    <afp:PermitValueRule xsi:type="basic:ANY"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="email">
    <afp:PermitValueRule xsi:type="basic:ANY"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="displayName">
    <afp:PermitValueRule xsi:type="basic:ANY"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="givenName">
    <afp:PermitValueRule xsi:type="basic:ANY"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="surname">
    <afp:PermitValueRule xsi:type="basic:ANY"/>
  </afp:AttributeRule>
</afp:AttributeFilterPolicy>
```



An Important Consequence of Releasing the Essential Attribute Bundle

If your deployment of eduPersonPrincipalName is non-reassigned, the above attribute release policy supports the [Research & Scholarship Category](#) as a side effect, without further configuration. If your deployment of eduPersonPrincipalName is reassigned, simply add the eduPersonTargetedID attribute to the above attribute release policy to meet the minimal requirements of the Research & Scholarship Category.

For Shib IdP v2.4.0 (and higher), an optimization is possible. The following configuration releases an attribute in the [Essential Attribute Bundle](#) if and only if that attribute is called out in SP metadata:

Release the Essential Attribute Bundle to Any SP Only If Requested

```
<afp:AttributeFilterPolicy id="releaseEssentialAttributesToAnySPIfRequested">

  <afp:PolicyRequirementRule xsi:type="basic:ANY"/>

  <afp:AttributeRule attributeID="eduPersonPrincipalName">
    <afp:PermitValueRule xsi:type="saml:AttributeInMetadata" onlyIfRequired="false"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="email">
    <afp:PermitValueRule xsi:type="saml:AttributeInMetadata" onlyIfRequired="false"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="displayName">
    <afp:PermitValueRule xsi:type="saml:AttributeInMetadata" onlyIfRequired="false"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="givenName">
    <afp:PermitValueRule xsi:type="saml:AttributeInMetadata" onlyIfRequired="false"/>
  </afp:AttributeRule>
  <afp:AttributeRule attributeID="surname">
    <afp:PermitValueRule xsi:type="saml:AttributeInMetadata" onlyIfRequired="false"/>
  </afp:AttributeRule>
</afp:AttributeFilterPolicy>
```

Release the Essential Attribute Bundle to SPs Registered by InCommon

The following pair of policy rules *release attributes to SPs registered by InCommon* only. These policies are based on the following extension element in InCommon metadata:

The RegistrationInfo element in InCommon metadata

```
<md:Extensions xmlns:mdrpi="urn:oasis:names:tc:SAML:metadata:rpi">
  <mdrpi:RegistrationInfo registrationAuthority="https://incommon.org"/>
</md:Extensions>
```

The value of the registrationAuthority XML attribute is the registrar's ID. Every metadata registrar has a globally unique ID. For example, the InCommon registrar has the ID shown in the previous example, namely, "<https://incommon.org>".

For Shib IdP v3.0.0 and higher

For Shibboleth IdP V3, release attributes to SPs registered by InCommon as follows:

A Shib IdP V3 rule that releases attributes to SPs registered by InCommon

```
<afp:PolicyRequirementRule xsi:type="saml:RegistrationAuthority"
  registrars="https://incommon.org"/>
```



The registrars XML attribute in the previous example takes a space-separated list of registrar IDs and can therefore be generalized to include other registrars, either in InCommon or in other federations.

For Shib IdPs prior to v3.0.0

For Shibboleth IdP V2, release attributes to SPs registered by InCommon as follows:

A Shib IdP V2 rule that releases attributes to SPs registered by InCommon

```
<afp:PolicyRequirementRule xsi:type="saml:AttributeRequesterEntityAttributeExactMatch"
  attributeName="http://macedir.org/entity-category"
  attributeValue="http://id.incommon.org/category/registered-by-incommon"/>
```

