

saml-metadata-requested-attributes

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Requested Attributes in Service Provider (SP) metadata are used by the Identity Provider (IdP) to make attribute release decisions. An IdP may also use it in conjunction with other [user interface elements](#) to construct the user attribute release consent form. We recommend an SP outlines required and optional attribute needs using the Requested Attributes metadata elements.

Configure Requested Attributes using Federation Manager

See [SP SSO Settings \(SPSSODescriptor\)](#).

Requested Attributes in InCommon metadata

The SAML V2.0 Metadata specification (one of the [SAML V2.0 family of specifications](#)) supports zero or more `<md:AttributeConsumingService>` elements. Each `<md:AttributeConsumingService>` element contains one or more `<md:RequestedAttribute>` elements. These elements are used to communicate SP attribute requirements to IdPs.

InCommon metadata supports at most one `<md:AttributeConsumingService>` element. When you configure Requested Attributes using Federation Manager, one `<md:RequestedAttribute>` element is inserted into metadata for every attribute selected from the interface. Each `<md:RequestedAttribute>` element inserted into metadata is a SAML2-formatted attribute. SAML1-formatted `<md:RequestedAttribute>` elements in metadata are not supported.

An example follows:

```
<!-- Requested Attributes for InCommon SPs -->
<md:AttributeConsumingService index="1"
  xmlns:md="urn:oasis:names:tc:SAML:2.0:metadata"
  xmlns:saml="urn:oasis:names:tc:SAML:2.0:assertion">
  <md:ServiceName xml:lang="en">...</md:ServiceName>
  <md:ServiceDescription xml:lang="en">...</md:ServiceDescription>
  <!-- SAML V2.0 attribute syntax -->
  <md:RequestedAttribute isRequired="true"
    NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"
    Name="urn:oid:1.3.6.1.4.1.5923.1.1.1.6"
    FriendlyName="eduPersonPrincipalName"/>
  <md:RequestedAttribute
    NameFormat="urn:oasis:names:tc:SAML:2.0:attrname-format:uri"
    Name="urn:oid:2.16.840.1.113730.3.1.241"
    FriendlyName="displayName"/>
</md:AttributeConsumingService>
```

The `<md:ServiceName>` and `<md:ServiceDescription>` child elements of the `<md:AttributeConsumingService>` element correspond to the `<mdui:DisplayName>` and `<mdui:Description>` child elements of the `<mdui:UIInfo>` element, respectively. See the [User interface elements](#) topic for more detail about the `<mdui:UIInfo>` element.

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