

# ResolverSAML2NameIDAttributeDefinition

## SAML 2 NameID Attribute Definition

 This does not define a <NameID> for use in the <Subject> of the assertion.

This attribute definition creates an attribute whose values are SAML 2 NameIDs. This attribute definition always uses the SP's entity ID as the NameID SPNameQualifier.

### 1. Create the Definition

The definition is created with the element `<resolver:AttributeDefinition xsi:type="SAML2NameID" xmlns="urn:mace:shibboleth:2.0:resolver:ad">` with the following required attributes:

- **id**: A unique identifier used within the IdP's resolver and filter to reference this definition.

and an optional attribute:

- **nameIdFormat**: Becomes the Format attribute on the created SAML 2 <NameID> element. Defaults to `urn:oasis:names:tc:SAML:1.1:nameid-format:unspecified`.
- **nameIdQualifier**: Becomes the NameQualifier attribute on the created SAML 2 <NameID> element. Defaults to the IdP's entity ID.
- **sourceAttributeID** - the ID of the attribute, from the dependency connectors, used to construct this attribute (default value: ID of this attribute)
- **dependencyOnly**: A boolean flag that indicates the attribute produced by this definition is used only by other resolver components and should never be released from the resolver. Defaults to `false`.

#### SAML 2 NameID Attribute Definition

```
<resolver:AttributeDefinition xsi:type="SAML2NameID" xmlns="urn:mace:shibboleth:2.0:resolver:ad"
    id="UNIQUE_ID"
    sourceAttributeID="ATTRIBUTE_ID">

    <!-- Remaining configuration from the next step goes here -->

</resolver:AttributeDefinition>
```

### 2. Define Dependencies

You must express, as a dependency, the attribute definition or data connector that produces the source attribute. Dependencies are declared using a `<resolver:Dependency>` with a `ref` attribute whose value is the unique ID of the dependent attribute definition or the data connector.

#### SAML 2 NameID Attribute Definition with Dependencies

```
<resolver:AttributeDefinition xsi:type="SAML2NameID" xmlns="urn:mace:shibboleth:2.0:resolver:ad"
    id="UNIQUE_ID"
    sourceAttributeID="ATTRIBUTE_ID">

    <resolver:Dependency ref="DEFINITION_ID_1" />

</resolver:AttributeDefinition>
```