

# IdPFilterRequirementAttributeIssuerEntityAttributeRegexMatch

## Attribute Issuer Entity Attribute Regular Expression Matching Rule

This matching rule evaluates to true if the attribute issuer's metadata contains an [Entity Attribute](#) that has a value that matches a given [regular expression](#).



This filter requires that the metadata for the attribute issuer is loaded and available.  
This filter only operates on `Attribute` elements within the `EntityAttributes`, it does not use any `Assertion` elements.

### Define the Rule

This rule is defined by the element `<PolicyRequirementRule xsi:type="saml:AttributeIssuerEntityAttributeRegexMatch">`, for policy requirements rules, and `<PermitValueRule xsi:type="saml:AttributeIssuerEntityAttributeRegexMatch">`, for permit value rules, with the following required attributes:

- **attributeName** - the name of the entity attribute
- **attributeValueRegex** - the regular expression an entity attribute value must match

This rule also supports the following optional attribute:

- **attributeNameFormat** - the name format the entity attribute must have; otherwise any format is accepted

#### Example Policy Requirement Rule using the AttributeIssuerEntityAttributeRegexMatch Function

```
<PolicyRequirementRule xsi:type="saml:AttributeIssuerEntityAttributeRegexMatch"
    attributeName="urn:example.org:policy"
    attributeValueRegex="^urn:example\.org:policy:[^:]*$" />
```