

## Box claims ADFS

### 1. Retrieve Attributes from AD

Custom Rule:

```
c:[Type == "http://schemas.microsoft.com/ws/2008/06/identity/claims/windowsaccountname",  
Issuer == "AD AUTHORITY"]
```

```
=> add(store = "Active Directory", types =  
("http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname",  
"http://schemas.xmlsoap.org/ws/2005/05/identity/claims/displayname",  
"http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname",  
"http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress",  
"http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name"), query =  
";sn,displayname,givenname,mail,name;{0}", param = c.Value);
```

### 2. Transform displayName

Custom Rule:

```
c:[Type == "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/displayname"]
```

```
=> issue(Type = "urn:oid:2.16.840.1.113730.3.1.241", Value = c.Value,  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

### 3. Send static eduPersonAffiliation = employee

Custom Rule:

```
c:[]
```

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.1", Value = "employee",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

### 4. compose eduPersonPrincipalName (BOX)

Custom Rule:

```
c:[Type == "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/upn"]
```

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.6", Value = c.Value,  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

### 5. Send static eduPersonScopedAffiliation = [employee@ri.se](#)

Custom Rule:

```
c:[]
```

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.9", Value = "employee@ri.se",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

## 6. Transform givenName

Custom Rule:

```
c:[Type == "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/givenname"]
```

```
=> issue(Type = "urn:oid:2.5.4.42", Value = c.Value,  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

## 7. Transform mail

Custom Rule:

```
c:[Type == "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/emailaddress"]
```

```
=> issue(Type = "urn:oid:0.9.2342.19200300.100.1.3", Value = c.Value,  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

## 8. Send static [schacHomeOrganization]

Custom Rule:

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.25178.1.2.9", Value = "ri.se",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

## 9. Transform sn

Custom Rule:

```
c:[Type == "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/surname"]
```

```
=> issue(Type = "urn:oid:2.5.4.4", Value = c.Value,  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

## 10. Send static eduPersonAssurance = <http://www.swamid.se/policy/assurance/al1>

Custom Rule:

```
c:[]
```

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.11", Value =  
"http://www.swamid.se/policy/assurance/al1",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

## 11. Send static eduPersonAssurance = <https://refeds.org/assurance>

Custom Rule:

```
c:[]
```

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.11", Value = "https://refeds.org/assurance",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

**12. Send static eduPersonAssurance = <https://refeds.org/assurance/ID/unique>**

Custom Rule:

c:[]

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.11", Value =  
"https://refeds.org/assurance/ID/unique",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

**13. Send static eduPersonAssurance = <https://refeds.org/assurance/ID/eppn-unique-no-reassign>**

Custom Rule:

c:[]

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.11", Value = "https://refeds.org/assurance/ID/eppn-  
unique-no-reassign",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

**14. Send static eduPersonAssurance = <https://refeds.org/assurance/IAP/low>**

Custom Rule:

c:[]

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.11", Value = "https://refeds.org/assurance/IAP/low",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

**15. Send static eduPersonAssurance = <https://refeds.org/assurance/ATP/ePA-1m>**

Custom Rule:

c:[]

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.11", Value = "https://refeds.org/assurance/ATP/ePA-  
1m", Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

**16. Send static eduPersonAssurance = <https://refeds.org/assurance/IAP/local-enterprise>**

Custom Rule:

c:[]

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.11", Value = "https://refeds.org/assurance/IAP/local-  
enterprise",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

**17. Send static [eduPersonEntitlement]**

Custom Rule:

```
=> issue(Type = "urn:oid:1.3.6.1.4.1.5923.1.1.1.7", Value = "urn:mace:swami.se:gmai:box:access",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/attributename"] =  
"urn:oasis:names:tc:SAML:2.0:attrname-format:uri");
```

## 18. issue eduPersonTargetedID

Custom Rule:

```
c:[Type == "urn:adfstk:edupersontargetedid"]
```

```
=> issue(Type = "http://schemas.xmlsoap.org/ws/2005/05/identity/claims/nameidentifier", Issuer =  
c.Issuer, OriginalIssuer = c.OriginalIssuer, Value = c.Value, ValueType = c.ValueType,  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/format"] =  
"urn:oasis:names:tc:SAML:2.0:nameid-format:transient",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/spnamequalifier"] =  
"https://box-idp.nordu.net/simplesaml/module.php/saml/sp/metadata.php/default-sp",  
Properties["http://schemas.xmlsoap.org/ws/2005/05/identity/claimproperties/namequalifier"] =  
"http://adfs.sp.se");
```