

# Example Web PEP

## Web Policy Enforcement Point

### Use case example

We want to define a policy to restrict access to some pages of the Soffid console.

The users who are assigned to the SOFFID\_RRHH role (from this point forward: end-users) will have limitations to access to some Soffid console pages:

1. The end-users who belong to the "enterprise" group as primary group, could not access to the groups page.
2. The end-users could not access to role page.
3. En other cases permit access.

## XACML Editor

### Policy set

First of all, we define a policy set.

#### Policy set

Identifier:

Version:

Description:

Policy Combining Algorithm:

#### Target

<input type="checkbox"/>	Subjects	Operator	Value	+	<input type="checkbox"/>	Resources	Operator	Value	+
Displayed rows: 0					Displayed rows: 0				
<input type="checkbox"/>	Actions	Operator	Value	+	<input type="checkbox"/>	Environments	Operator	Value	+
Displayed rows: 0					Displayed rows: 0				

#### Obligations

<input type="checkbox"/>	Obligation	Full fill on	Attribute	Value	+
Displayed rows: 0					

### Policy

Then, we can define a policy to manage the access. We need to define the subject, in that case users with SOFFID\_RRHH role assigned.

Also, we can define a variable that contains the group name to establish the restrictions.

### Policy

Identifier:

Version:

Description:

Rule Combining Algorithm:

### Target

<input type="checkbox"/>	Subjects	Operator	Value	+	<input type="checkbox"/>	Resources	Operator	Value	+
<input type="checkbox"/>	urn:oasis:names:tc:xacml:2.0:subject:role	=	SOFFID_RRHH@soffid	Displayed rows: 1					Displayed rows: 0
<input type="checkbox"/>	Actions	Operator	Value	+	<input type="checkbox"/>	Environments	Operator	Value	+
				Displayed rows: 0					Displayed rows: 0

### Variables

<input type="checkbox"/>	Variable	Expression	+
<input type="checkbox"/>	pGroup	"enterprise"	Displayed rows: 1

### Rules

<input type="checkbox"/>	Rule	Description	Effect	+
<input type="checkbox"/>	Other	Other	Permit	
<input type="checkbox"/>	DenyRoles	Deny access to role page	Deny	
<input type="checkbox"/>	DenyGroups	Deny access to groups page	Deny	

Displayed rows: 3

## Rule 1

“ The end-users who belong to the "enterprise" group as primary group, could not access to the groups page.

**Rule**

Rule : DenyGroups

Description : Deny access to groups page

Effect : Deny

**Target**

Subjects	Operator	Value	Resources	Operator	Value
Displayed rows: 0			urn:oasis:names:tc:xacml:1.0:resource:resource-location	=	/resource/group/group.zul
Displayed rows: 0			Displayed rows: 1		
Displayed rows: 0			Displayed rows: 0		

**Conditions**

Condition	Expression
Condition	( One and only(null /primaryGroup/name) == One and only(pGroup) )
Displayed rows: 1	

## Rule 2

“ The end-users could not access to role page.

**Rule**

Rule : DenyRoles

Description : Deny access to role page

Effect : Deny

**Target**

Subjects	Operator	Value	Resources	Operator	Value
Displayed rows: 0			urn:oasis:names:tc:xacml:1.0:resource:resource-location	=	/resource/application/role.zul
Displayed rows: 0			Displayed rows: 1		
Displayed rows: 0			Displayed rows: 0		

**Conditions**

Condition	Expression
Displayed rows: 0	

## Rule 3

“ En other cases permit access.

**Rule** Q

Rule :

Description :

Effect :

**Target**

<input type="checkbox"/> <input type="text" value="Subjects"/> <input type="text" value="Operator"/> <input type="text" value="Value"/> <input type="button" value="+"/> <span style="margin-left: 20px;">Displayed rows: 0</span>	<input type="checkbox"/> <input type="text" value="Resources"/> <input type="text" value="Operator"/> <input type="text" value="Value"/> <input type="button" value="+"/> <span style="margin-left: 20px;">Displayed rows: 0</span>
<input type="checkbox"/> <input type="text" value="Actions"/> <input type="text" value="Operator"/> <input type="text" value="Value"/> <input type="button" value="+"/> <span style="margin-left: 20px;">Displayed rows: 0</span>	<input type="checkbox"/> <input type="text" value="Environments"/> <input type="text" value="Operator"/> <input type="text" value="Value"/> <input type="button" value="+"/> <span style="margin-left: 20px;">Displayed rows: 0</span>

**Conditions**

<input type="checkbox"/> <input type="text" value="Condition"/> <input type="text" value="Expression"/> <input type="button" value="+"/> <span style="margin-left: 20px;">Displayed rows: 0</span>
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## Download XML

You can download a XML file with the example: [policy-TestWebPEP.xml](#)

## Configure PEP

### Web Policy Enforcement Point

Enable XACML Policy Enforcement Point :

Policy Set Id :

Policy Set Version :

Trace requests :

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