

# IRC

## Identity Risk & Compliance

- Create SoD matrix
- Schedule weekly risk report
- Design a recertification campaign
- Create advanced authorization rules

# Create SoD matrix

## Description

The segregation of duties (SoD) is a fundamental element of internal controls, defined to prevent error and fraud. Segregation of duties ensures that at least two individuals are responsible for the separate parts of any task.

You can find additional information by visiting [the Segregation of Duties page](#).

## Step-by-step

1. First, you must select the Create SoD matrix and click the OK button.



In the Segregation of Duties rule editor, you can create rules to detect risky role assignments.

These rules can include one or several roles from one or more systems.

Click OK to jump to the SoD rule editor.

2. Once you click the OK button, Soffid will browse to the Segregation of Duties page in order to add a new SoD

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[Main Menu](#) > 
 [Administration](#) > 
 [Resources](#) > 
 [Segregation of Duties](#)

Name :

Information system :

Type :

Risk :


Roles list

<input type="checkbox"/>	Name	Description	System
	<input type="text" value="Filter"/>	<input type="text" value="Filter"/>	<input type="text" value="Filter"/>


Displayed rows: 0

3. Finally you must save or Apply changes to save the SoD.

[Main Menu](#) > [Administration](#) > [Resources](#) > Segregation of Duties ≡

name Any × application Any × [Add criteria](#)  [Basic](#) [Advanced](#)

<input type="checkbox"/>	▼ Qualified name	▲ ▼ Name
<input type="checkbox"/>	SOFFID	Rule01

Displayed rows: 1 

## Standard attributes

- **Name:** name of the segregation separation of duties
- **Information System:** asset or application, from a functional point of view, on which the permissions are granted or revoked.
- **Type:** type of segregation
  - **Trigger on all permissions:** no user can be assigned the roles added to the role list.
  - **Trigger on some permissions:** if you select that option, you have to fill in the number of roles that can not match. Soffid will not allow you to assign to a user more than the number indicated of the roles added to the role list.
  - **Query permissions matrix:** Soffid displays a matrix that allows you to select the risk between pairs of roles, those roles are the roles added to the role list.
- **Risk:** level of risk:
  - **Low.**
  - **High.**
  - **Forbidden:** it is not allowed that one user to have assigned the roles defined on the role list.
  - **None:** there is no risk.
- **Role List:** list of roles to keep in mind on the segregation of duties.

# Schedule weekly risk report

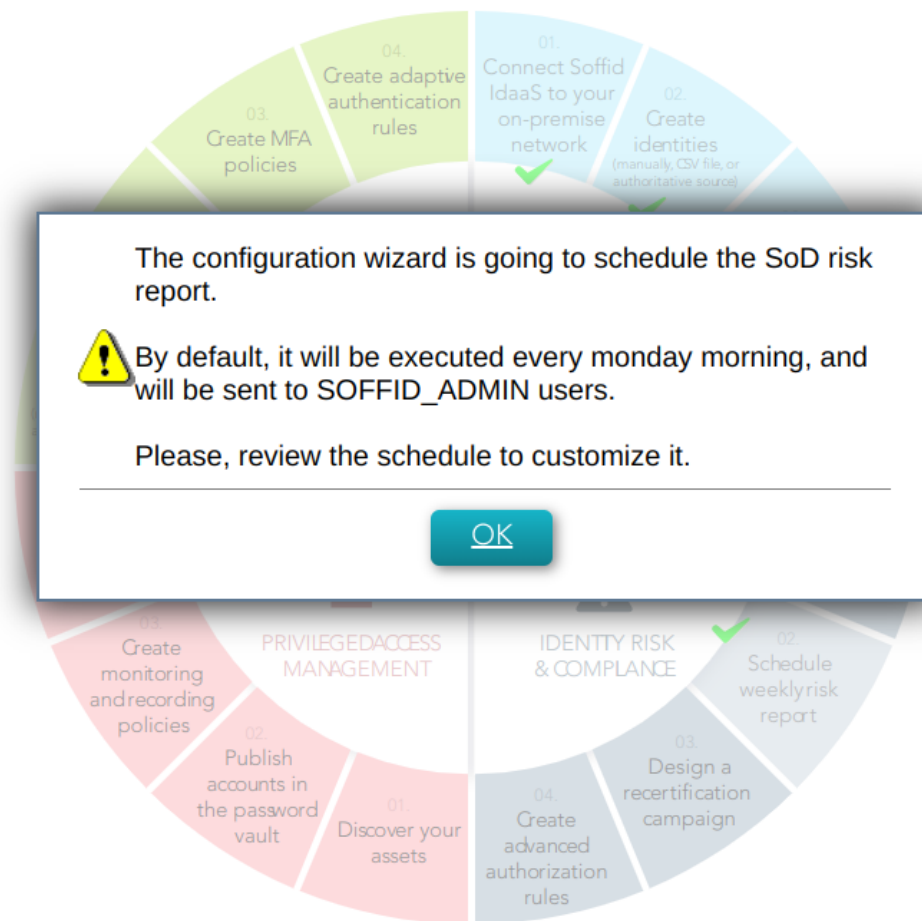
## Description

The wizard allows you to schedule a new Weekly risk report. It is a document that provides an overview of the potential risks. The information in this document is related to the rules defined in the SoD.

For more information, you can visit [the Scheduled reports page](#).

## Step-by-step

1. First, you must select the Schedule weekly risk report and click the OK button.



**2.** Then, Soffid will browse to the configure report page and allows you to configure the Weekly risk report.

Report : Weekly risk report

Schedule name:

Schedule name: : Weekly risk report

Month : \*

Day : \*

Hour : 6

Minute : 0

Day of week : 1

Parameters

highRisk	true
all	true
lowRisk	true
forbiddenRisk	true
app	

Access Control List

<input type="checkbox"/>	Object type	Name
	Filter	Filter
<input type="checkbox"/>	role	SOFFID_ADMIN @ soffid

Displayed rows: 1

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Accept Cancel

3. Finally you must accept the changes, and the report will be displayed on the Scheduled reports page

[Main Menu](#) > [Administration](#) > [Monitoring and reporting](#) > Reports

[Executed reports](#) [Scheduled reports](#) [Report definitions](#)

<input type="checkbox"/>	Report
	Filter
<input type="checkbox"/>	Weekly risk report

Displayed rows: 1

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## Standard attributes

- **Report:** name of the report.
- **Schedule name:** identified name.
- **Month:** number of the month (1-12) when the task will be performed.
- **Day:** number of the day (1-31) when the task will be performed.

- **Hour:** hour (0-23) when the task will be performed.
- **Minute:** minute (0-59) when the task will be performed.
- **Day of week:** number of the day (0-7 where 0 means Sunday) of the week when the task will be performed.
- **Access Control List:** to prevent unauthorized usage. Will be granted to users, groups or roles.

For each value of month, day, hour, minute, or day of the week:

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- \* means any month, day, hour, minute, or day of the week. e.g. \*/5 to schedule every five minutes.
- A single number specifies that unit value: 3
- Some comma separated numbers: 1,3,5,7
- A range of values: 1-5



# Design a recertification campaign

## Description

The wizard allows you to create a new recertification campaign. To be able to do this, Soffid has created two recertification policies, *All permissions* and *Critical permissions*.

For more information, you can visit [the Recertification book](#).




## Step-by-step

1. First, you must select the Design a recertification campaign and click the OK button.

Soffid will automatically create two recertification policies:

- All permissions: Review any permission granted to the users
- Critical permissions: Review permissions with any kind of risk. The risk level is governed by the Segregation of Duties rules.

 Click OK to create a new recertification campaign. To successfully start a new recertification campaign, you must:
 

1. Select the proper policy
2. Select the organization scope, i.e. the groups whose members will be recertified.
3. Select the informatin scope, i.e. the applications whose grants will be recertified.

OK

Cancel

2. Then Soffid will browse the New recertification campaign

soffid

New recertification campaign

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⚙

[Main Menu](#) > [Admini](#)

Select template

Select groups

Select information systems

Finish

Name :

Select template : 

- Select value -

↶ Undo

Next ➔

Basic

Advanced

Displayed rows: 0

+

3. In this step you must write a campaign name and select a template.

3.1. Complete access review

3.1.1. Write a name, select the Complete access review, and click the Next button

**New recertification campaign**

Progress: Select template > Select groups > Select information systems > Finish

Name : Any

Select template : Complete access review

Buttons: Undo, Next

**3.1.2.** Select the group or groups to apply the campaign and click the Next button

**New recertification campaign**

Progress: Select template > Select groups > Select information systems > Finish

Select groups : world

World

Select groups

Buttons: Back, Next

**3.1.3.** Select the Information systems to apply the campaign and click the Finish button

**New recertification campaign**

Progress: Select template > Select groups > Select information systems > Finish

Select information systems : Source AD: soffid.pat

Authoritative data source dc=soffid,dc=pat

Select information systems

Buttons: Back, Finish

## Standard attributes

- **Name:** name to identify the campaign.
- **Template:** select the policy that will be applied. That has to be defined previously on the Recertification policies page.
- **Groups:** list of user groups where the campaign will be applied. You can choose one or more.
- **Information Systems:** list of information systems where the campaign will be applied. You can choose one or more.



# Create advanced authorization rules

## Description

This wizard allows you to browse the XACML Policy Management page to create new policies to add more complex and restricted rules to the authorizations.

For more information, you can visit [the XACML page](#).



## Screen overview

The XACML rule editor allows you to create five different type of authorization rules:

- Roles: Are evaluated at login time and filters out which Soffid authorizations will be enabled for the user.
- Dynamic roles: Are evaluated at each service invocation. Mind that performance issues can arise using this module.
- PAM rules: Are evaluated when trying to use an account protected by the password vault
- Web rules: Are evaluated whenever a new web page is open. It's evaluated once per page.
- External rules: Are used by third party applications.

Now, you will be redirected to the XACML rule editor. Once the rule is designed, you can enable it using the XACML PEP option.

OK

Cancel

## Screen overview

<https://www.youtube.com/embed/C3LMc4rrEQI?ref=0>

## Related objects

- [Policy set](#)
- [Policy](#)
- [Policy set reference](#)

- Policy reference