# SAP GRC How-to Guide: Performing Risk Analysis with Enterprise Portal Roles

## Applies to:

This document applies to Risk Analysis and Remediation capability of SAP GRC Access Controls Suite 5.3.

For more information, visit the Governance, Risk, and Compliance homepage.

## Summary

This document will enable the implementation partners and implementers to configure the Rules and perform Risk Analysis on the Enterprise Portal Roles. This guide will also discuss about all the steps which are required to achieve analysis of Enterprise Portal and seek as well as remove SoD Violations from the Enterprise Portal Environment.

**Author:** Aman Chuttani

**Company:** SAP

**Created on:** 28 July 2008

## Author Bio

Aman Chuttani works as a consultant in SAP's GRC RIG. He has gained extensive experience supporting SAP's customers in the implementation of SAP GRC Access Controls.

## Table of Contents

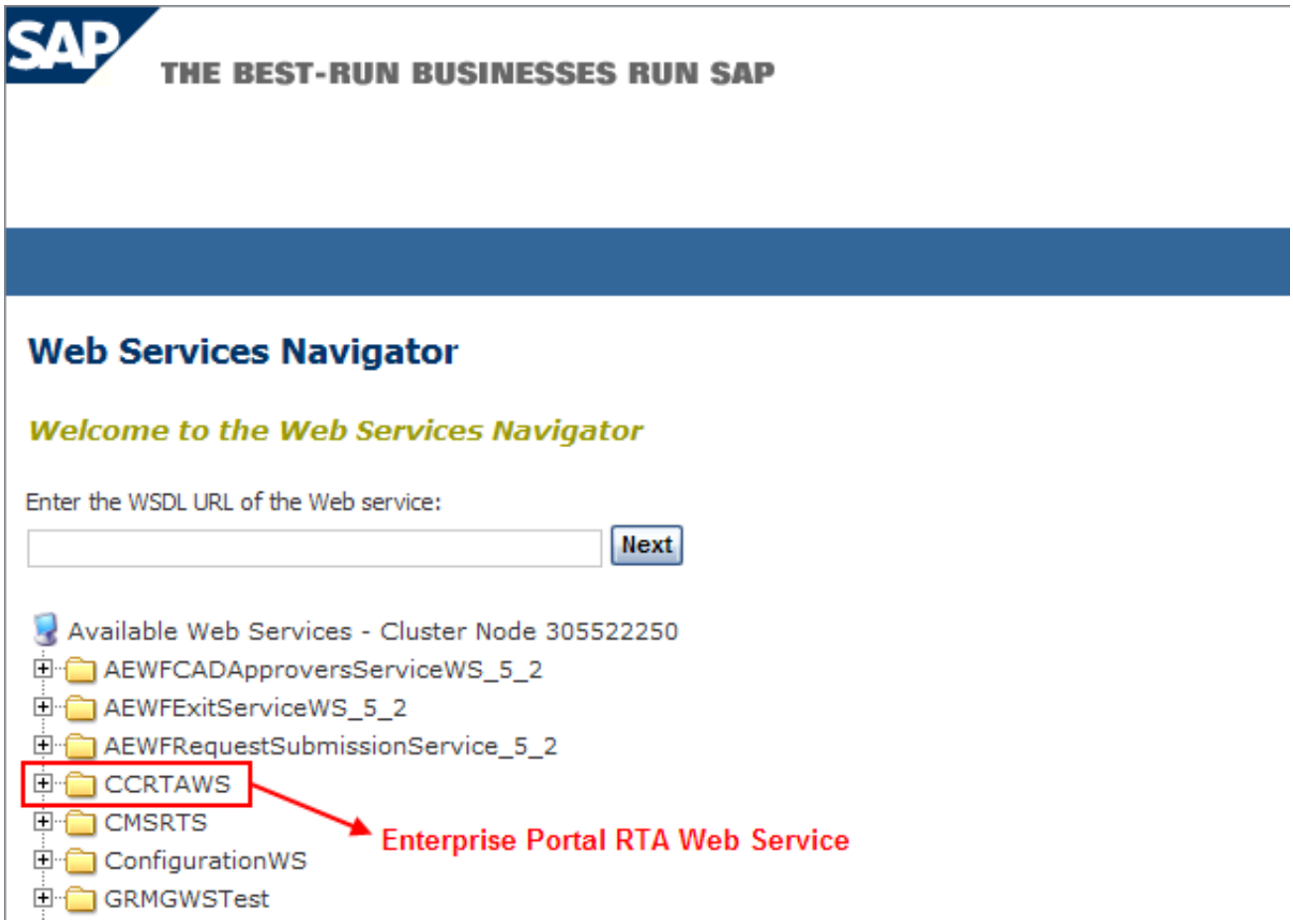
## Downloading Enterprise Portal Objects

The EPRTA enables the administrator to download the authorization objects for EP system. These objects will be used to define the SoD Rules for the EP system. In order to download the auth. Objects for EP system we need to follow the following procedure.

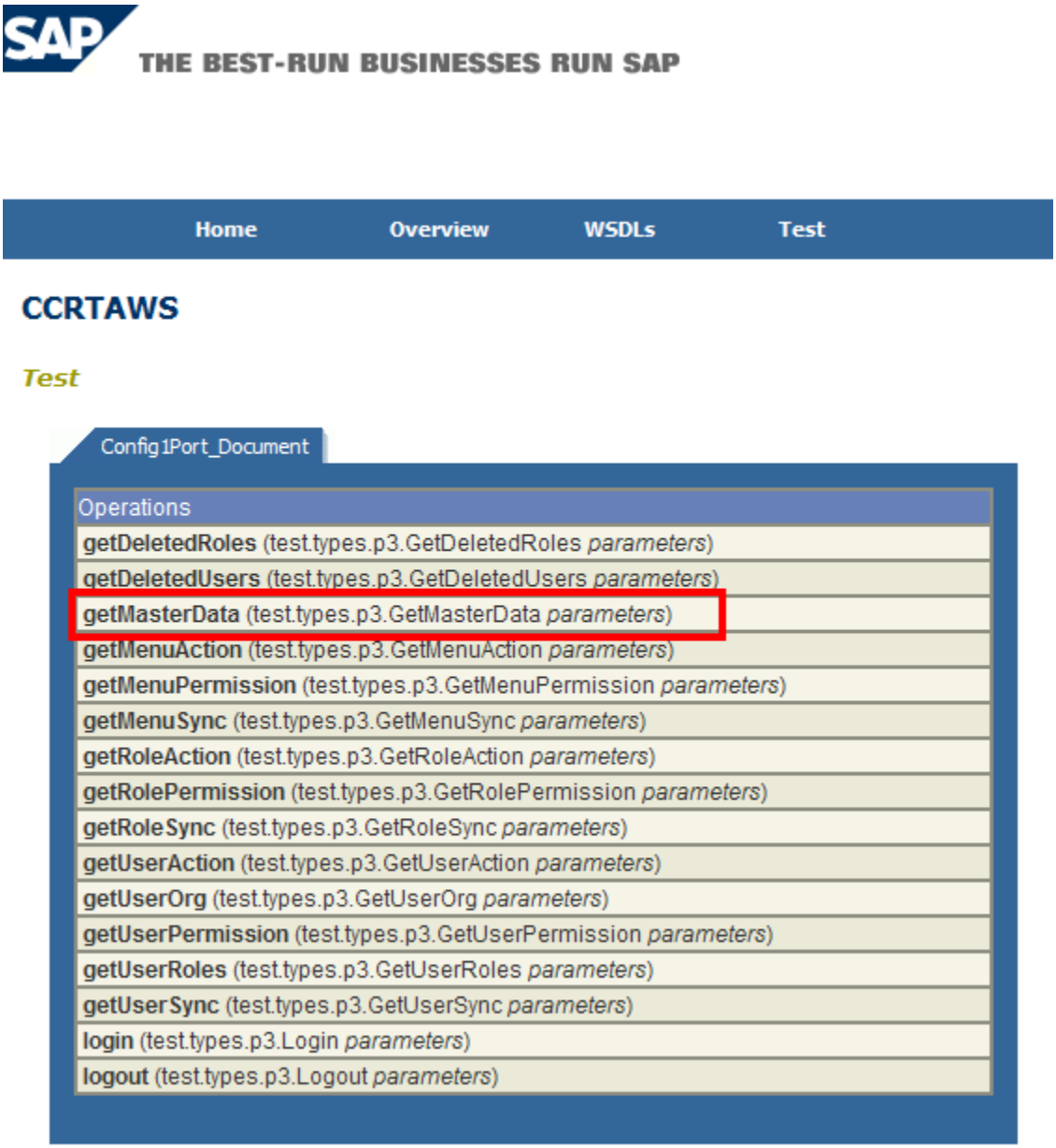
1. Log-in to SAP NetWeaver Web Service Navigator on the EP system with following link.

   http://<server-id>:<port-id>/wsnavigator/enterwsdl.html

2. If the EPRTA has been successfully installed on the system, you can find the "**CCRTAWS**" on the main page of Web Service Navigator

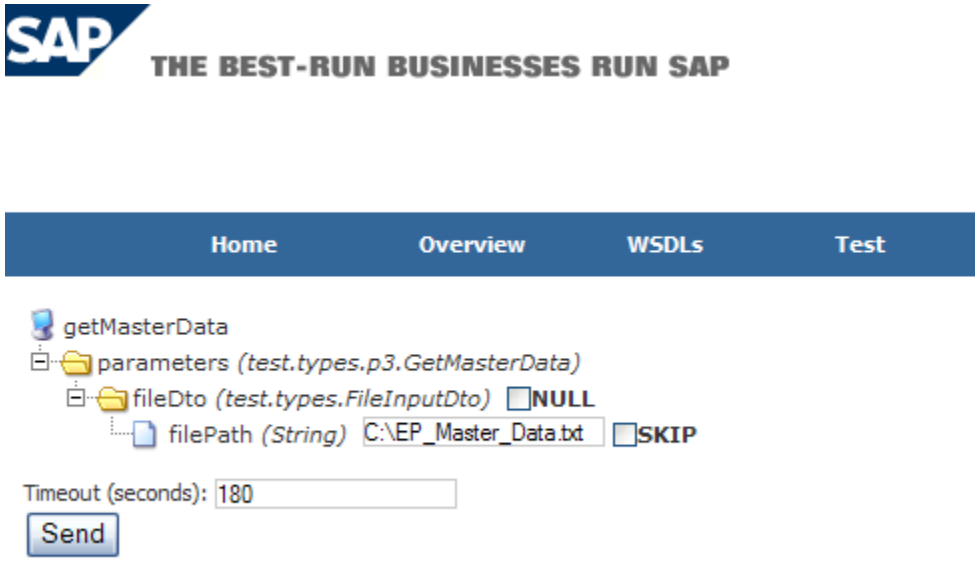


3. Open the Web Service in Test Mode. You can find the method "**getMasterData**" in the Web Service.

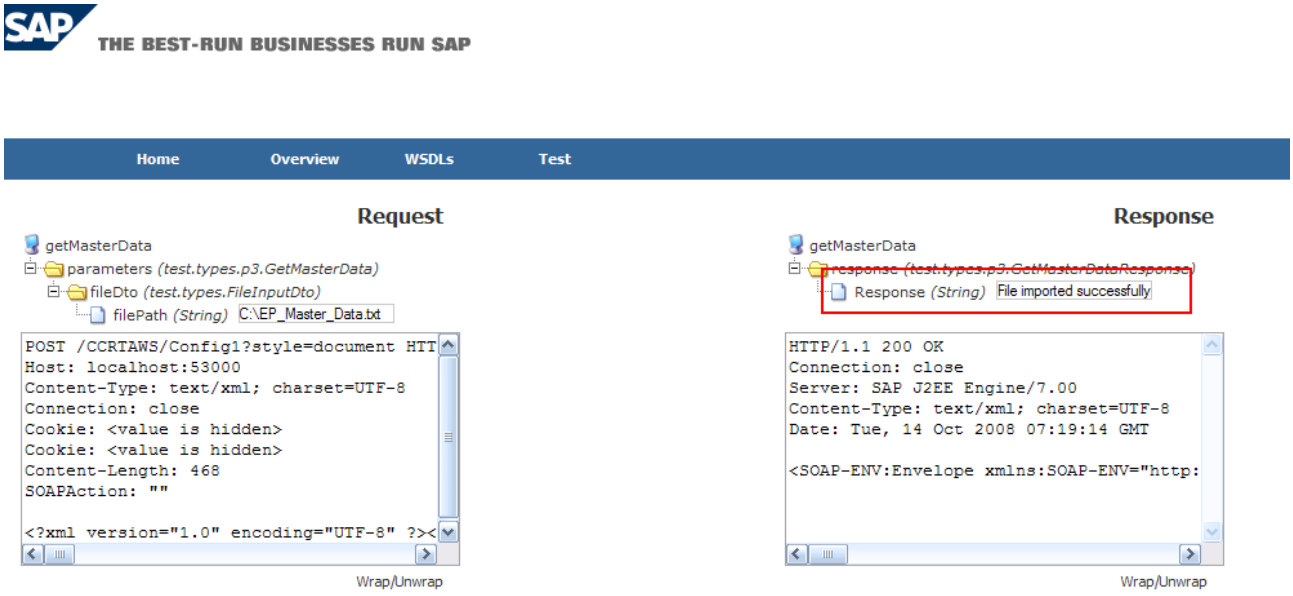


4. Click the method. You can now provide the path on the server where the file needs to be downloaded.

**Note:** The file will be only downloaded on the server location.




5. Once successful completion of the process the message would be displayed on the web-page.



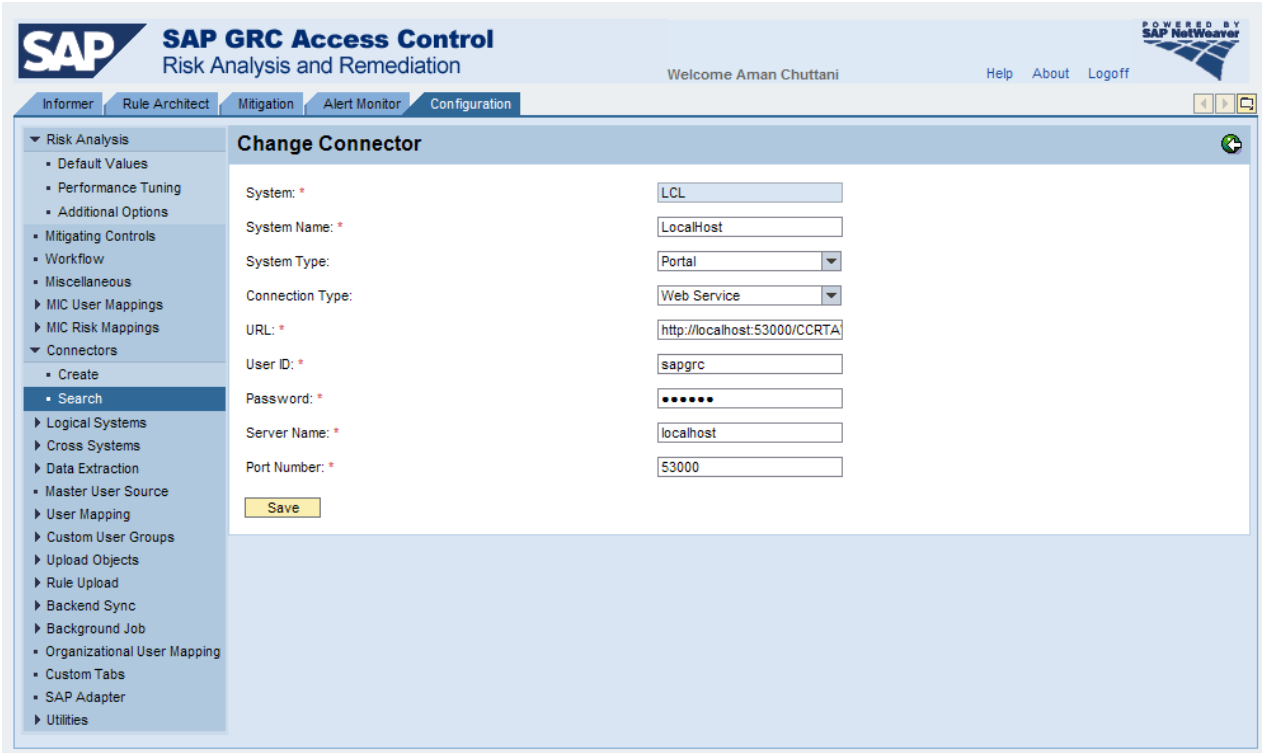
## Creating Enterprise Portal Connector in RAR Application

In order to connect GRC application to the enterprise portal, we need to create connector in RAR application. To create a connector we need to follow the following steps:

1. Log-in to the RAR application with following link as application administrator

   http://<server-id>:<port-id>/webdynpro/dispatcher/sap.com/grc~ccappcomp/ComplianceCalibrator
2. Go to Configuration Tab.
3. Select Connector -> Create
4. Enter the following details for the connector and click Save button

| Field | Value |
|---|---|
| System | Enterprise System ID in the landscape which will be referred through-out the application |
| System Name | Description of the EP system being connected |
| System Type | Portal |
| Connection Type | Web Service |
| URL | URL of the RTA installed on the EP system.<br>http://<server-id>:<port-id>/CCTRAWS/Config1?style=document |
| User ID, Password | User Credentials to access the EP system |
| Server Name | <server-id> |
| Port Number | <port-id> |

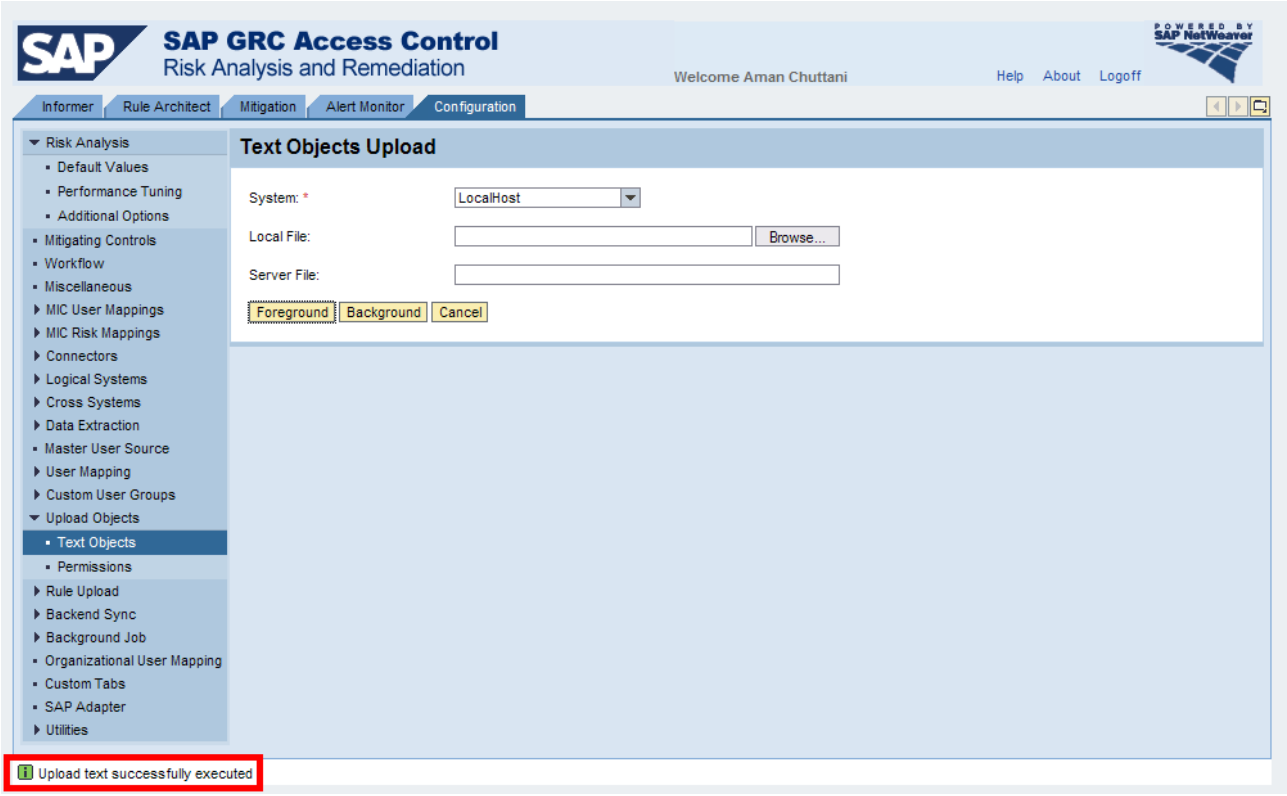


## Upload Authorization Objects for EP System

The authorization objects downloaded from the EP system should be uploaded to the GRC RAR application in order to define SoD Rules for the EP System. To upload auth. objects we need to perform following steps:

1. Log-in to the RAR application with following link as application administrator

   http://<server-id>:<port-id>/webdynpro/dispatcher/sap.com/grc~ccappcomp/ComplianceCalibrator
2. Go to Configuration Tab.
3. Select Upload Objects -> Text Objects.
4. Select the System Description of the EP system from the drop down menu.
5. Browse the authorization object file alias Master Data file (downloaded with help of RTA) as a local file or provide the server location where the file has been stored.
6. Click Foreground.
7. Once successfully uploaded, message would be displayed at the bottom of the screen.



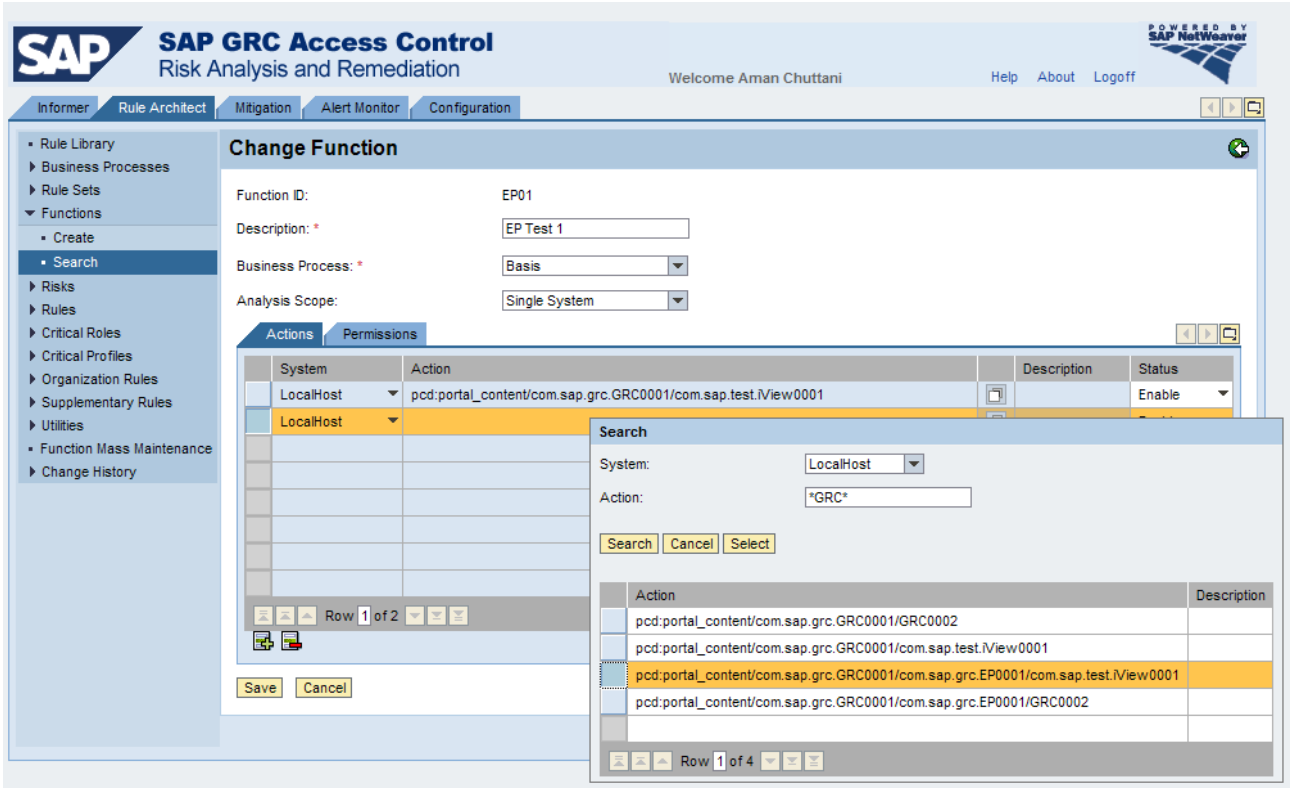
## Defining SoD Rules for the EP System

In order to generate SoD Rules for EP we need to:

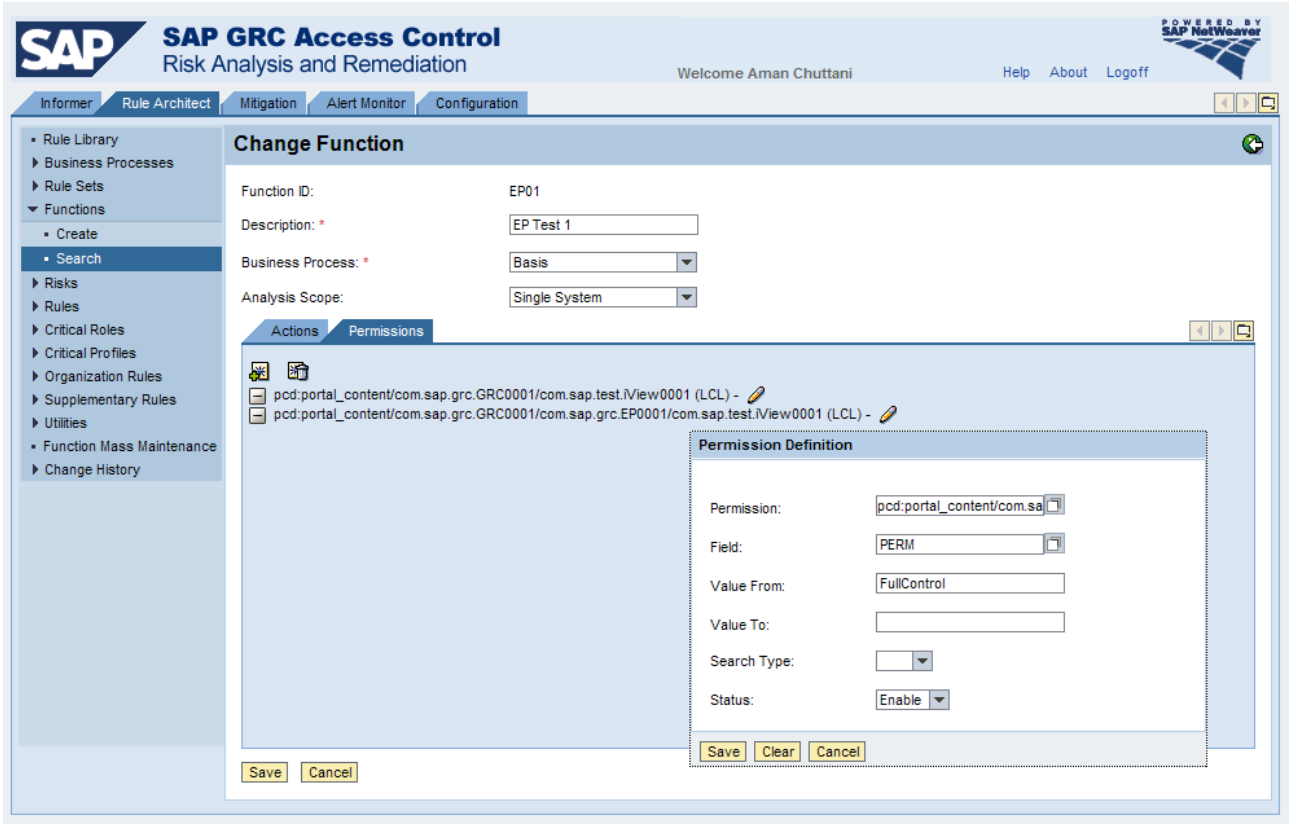
1. Define Functions with non conflicting actions and permissions.
2. Define Risks with Functions having conflicting actions and permissions.
3. Generate Rules.

### Define Function

1. Log-in to the RAR application with following link as business process owner.
   http://<server-id>:<port-id>/webdynpro/dispatcher/sap.com/grc~ccappcomp/ComplianceCalibrator
2. Go to Rule Architect Tab.
3. Go to Functions -> Create.
4. Define **Function ID, Description, Business process and Analysis Scope** for the function.
5. Define Actions for the Function.



6. Define Permissions for the Function.



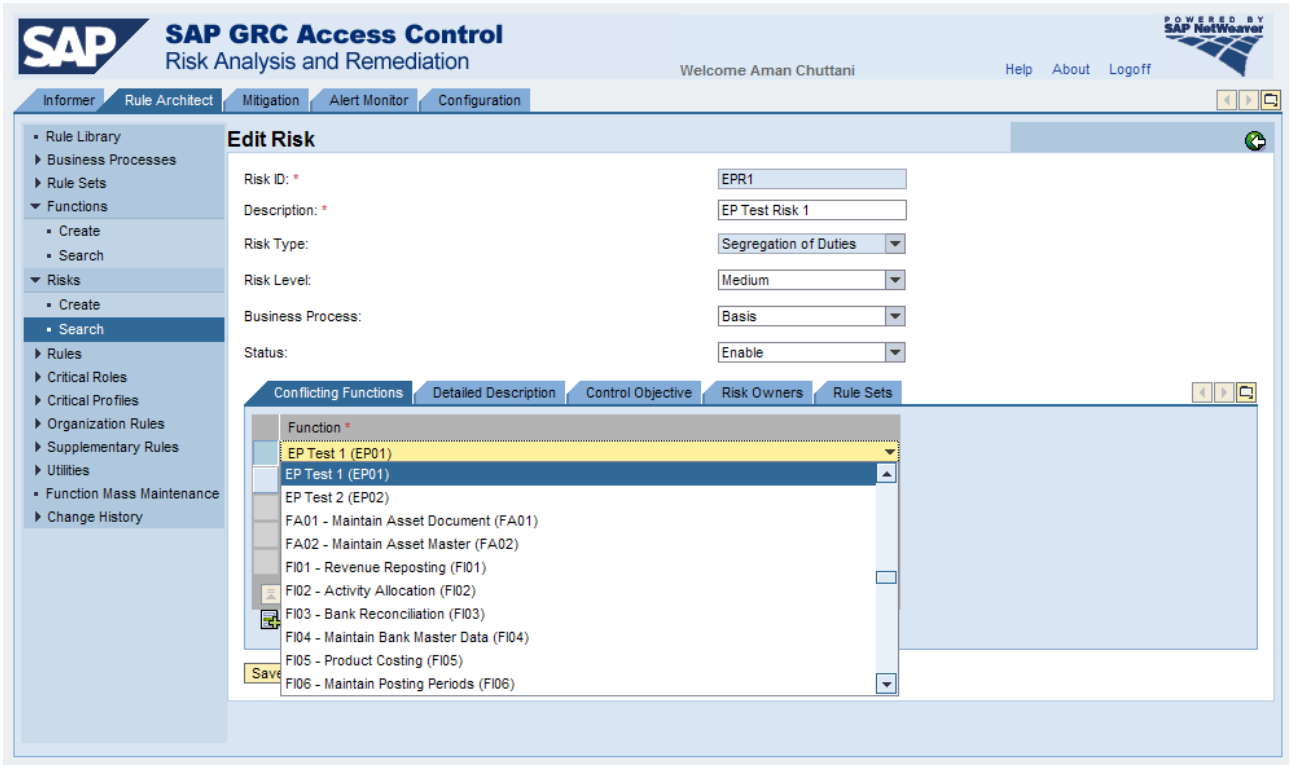

7. Click Save.

**Note: We need to provide COMPLETE pcd location for the actions or permissions which are being defined during this process.** For instance, in the figure below, iView0001 can be accessed through a role with id "EP0001", hence we need to provide complete details of the iView0001 from where it can be accessed if it is required to be monitored under SoD Violations.

## Define Risk

1. Log-in to the RAR application with following link as business process owner.

   http://<server-id>:<port-id>/webdynpro/dispatcher/sap.com/grc~ccappcomp/ComplianceCalibrator
2. Go to Rule Architect Tab.
3. Go to Risks -> Create.
4. Define **Risk ID, Description, Risk Type, Risk Level, Business Process and Status of the risk.**
5. As per requirements also define, **Detailed Description, Control Objective, Risk Owners, Rule Sets (to which this Risks should be included).**
6. Select the Conflicting functions from the "**Conflicting Functions**" Tab.

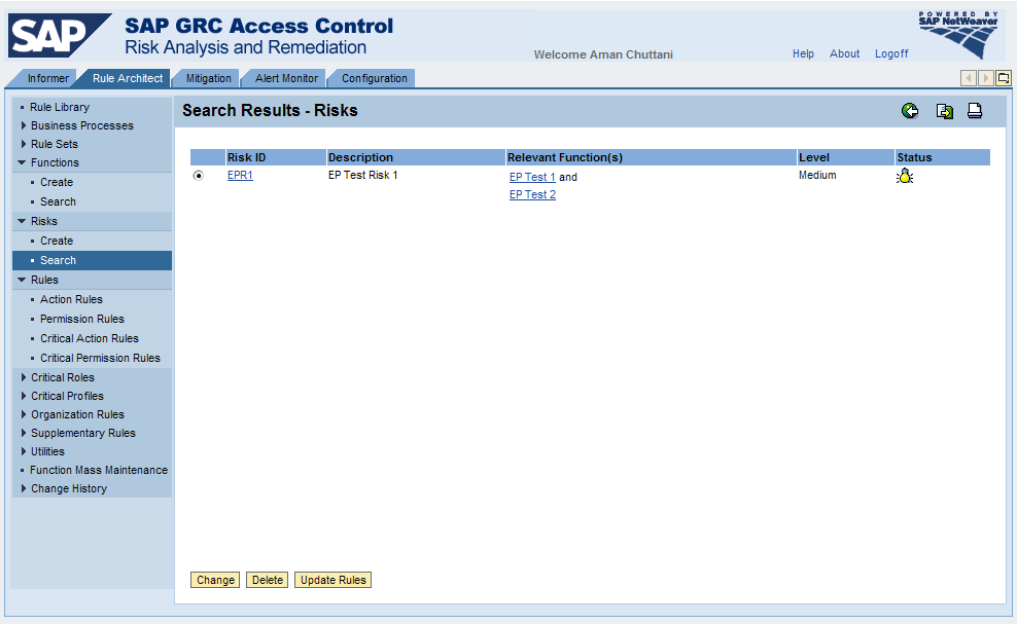



7. Click Save.

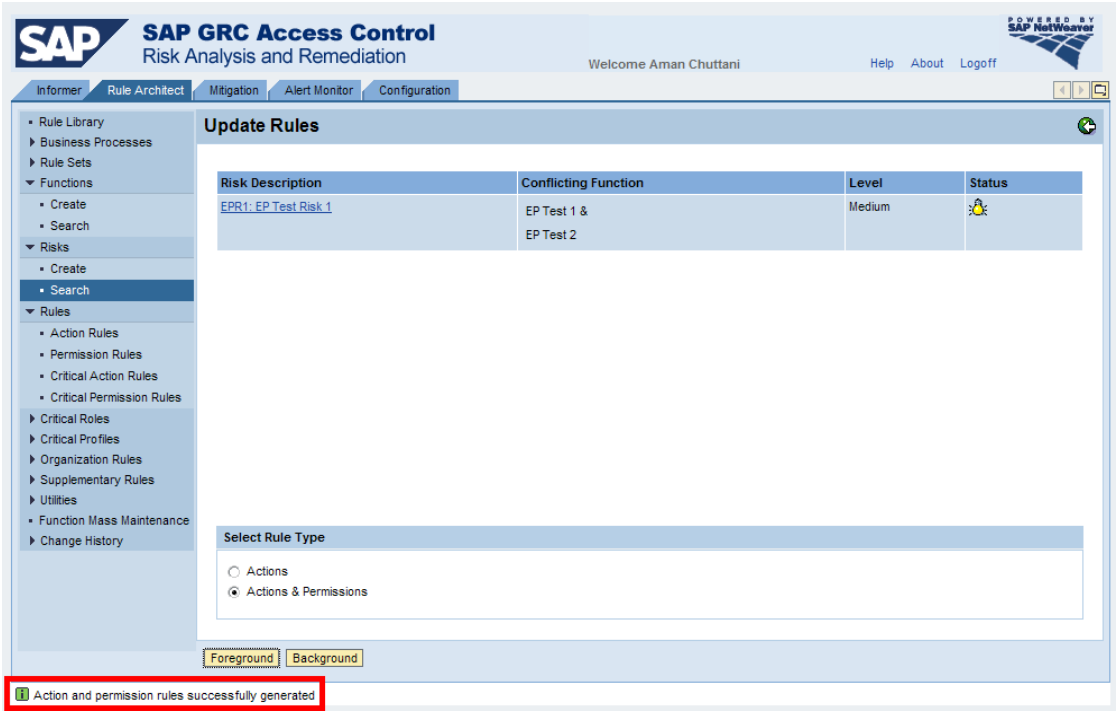
## Generate Rules Individually

1. Log-in to the RAR application with following link as business process owner.

   http://<server-id>:<port-id>/webdynpro/dispatcher/sap.com/grc~ccappcomp/ComplianceCalibrator
2. Go to Rule Architect Tab.
3. Go to Risks -> Search. Search for the particular risk defined for the EP System.




4. Click Update Rules.
5. Select Action and Permission Rules and click Foreground.
6. Once the process completes successfully message would be displayed at the bottom of the web-page.



## Mass Generation of Rules

1. Log-in to the RAR application with following link as business process owner.
   http://<server-id>:<port-id>/webdynpro/dispatcher/sap.com/grc~ccappcomp/ComplianceCalibrator
2. Go to Rule Architect Tab
3. Go to Rule Upload -> Generate Rules.
4. Click Foreground or Background to generate Rules.


5. Action and Permission Rules would be generated for all the risks.

## Related Content

You can also refer to the following documents on SAP BPX Community.

- SAP GRC How-to Guides
- SAP GRC Access Control Application Integration
- SAP GRC Integrate GRC AC53 CUP and NW IdM

For more information, visit the Governance, Risk, and Compliance homepage.

## Copyright