

# Segregation of Duties (SoD)

## Description

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

For each user, the roles tab displays the list of roles assigned to the user and the possible risks. If you click on a role record, Soffid will show the entitlement details including the SoD rules with the detail of the risk.

## Screen overview

The screenshot shows the Soffid interface for Segregation of Duties. The top navigation bar includes the Soffid logo, a search bar, and a help icon. The breadcrumb trail is: Main Menu > Administration > Resources > Segregation of Duties. On the left, there are filter controls: Name (ActiveDirectory), Information system (AD soffid.pat), Type (Query permissions matrix), and Risk (Forbidden). The main area displays a 'Roles list' table with columns for Name, Description, and System. The table contains 8 rows of role records, each with a checkbox and a plus icon for expansion. A 'Displayed rows: 8' indicator and a plus icon are at the bottom right.

	Name	Description	System
<input type="checkbox"/>	Filter	Filter	Filter
<input type="checkbox"/>	event log readers	Members of this group can read event logs from local	AD soffid.pat
<input type="checkbox"/>	protected users	Los miembros de este grupo tienen protecciones adicionales frente a las amenazas contra la seguridad de autenticación. Consulte <a href="http://go.microsoft.com">http://go.microsoft.com</a>	AD soffid.pat
<input type="checkbox"/>	audio	audio	pgarcia-stand-ard-pc-q35-ic-h9-2009
<input type="checkbox"/>	enterprise admins	Designated administrators of the enterprise	AD soffid.pat
<input type="checkbox"/>	distributed com users	Members are allowed to launch, activate and use Distributed COM	AD soffid.pat
<input type="checkbox"/>	print operators	Members can administer printers installed on domain	AD soffid.pat
<input type="checkbox"/>	hyper-v administrators	Members of this group have complete and unrestricted	AD soffid.pat
<input type="checkbox"/>	disk	disk	pgarcia-stand-ard-pc-q35-ic-h9-2009

Role	event log readers	protected users	audio	enterprise admins	distributed com users	print operators	hyper-v administrators	disk
event log readers	✓	✓	✓	✗	✓	✓	✓	✓
protected users		✓	✓	✓	⚠	✗	⚠	✓
audio			✓	✓	✓	✓	✓	✓
enterprise admins				✓	✗	⚠	✓	✓
distributed com users					✓	✓	✓	✓
print operators						✓	✓	✓
hyper-v administrators							✓	✓
disk								✓

Displayed rows: 8

Undo Apply changes

# Related objects

1. [Information Systems](#)
2. [Roles](#)

# Custom 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.

# Actions

## Segregation of Duties query actions

<b>Query</b>	Allows you to query Segregation of Duties through different search systems, <a href="#">Basic and Advanced</a> .
<b>Add new</b>	Allows you to add a new Segregation of Duties in the system. You can choose that option on the hamburger menu or click the add button (+). To add a new Segregation of Duties it will be mandatory to fill in the required fields
<b>Delete</b>	Allows you to remove one or more Segregation of Duties by selecting one or more records and next clicking the button with the subtraction symbol (-). To perform that action, Soffid will ask you for confirmation, you could confirm or cancel the operation.
<b>Download CSV file</b>	Allows you to download a CSV file with the basic Segregation of Duties data.

## Segregation of Duties detailed actions

<b>Apply changes</b>	Allows you to save the data of a new role or to update the data of a specific role. To save the data it will be mandatory to fill in the required fields
<b>Delete</b>	Allows you to delete a Segregation of Duties. You can choose that option on the trash icon. To perform that action, Soffid will ask you for confirmation, you could confirm or cancel the operation.
<b>Undo</b>	Allows you to quit without applying any changes.
<b>Add new role</b>	Allows you to add a new role to the Role list. You can add a role by clicking the add button (+), then Soffid will show a form to search and select one or more roles. Finally, you need to click the apply changes button and the roles will be added to the role list.
<b>Delete role</b>	Allows you to delete one or more roles from the role list. You can select one or more roles and then click the button with the subtraction symbol (-). The roles will be deleted from the role list without Soffid asking for confirmation.

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