

# PAM rules

## Definition

Soffid allows you to define rules to detect commands executed on a server. When a user launches a command defined on a rule, Soffid will detect it.

To use those rules you need to define the PAM policies. For more information, you can visit the [PAM policies](#) page.

## Screen overview

The screenshot shows the Soffid web interface for configuring PAM rules. The left sidebar contains a navigation menu with categories like ISS, IGA, AM, PAM, and IRC. The main content area is titled 'PAM rules' and includes a search bar, a breadcrumb trail (Main Menu > Configuration > Security settings > PAM rules), and tabs for 'Quick', 'Basic', and 'Advanced'. Below the tabs are buttons for 'Add new', 'Download CSV File', and 'Import'. A table lists the configured rules with columns for Name, Description, and Type. The table contains three rows: 'BBDD rule 1' (Screen), 'sudo' (Keyboard), and 'Drop table' (Keyboard). A 'View' button is located to the right of the table. At the bottom right, it says 'Displayed rows: 3'.

Name	Description	Type
BBDD rule 1	BBDD rule 1	Screen
sudo	sudo	Keyboard
Drop table	Drop table	Keyboard

## Screen example

The screenshot shows the 'soffid' web interface. The left sidebar contains navigation options: ISS, IGA, AM, PAM, and IRC. The main content area is titled 'Advanced' and shows the configuration for 'BBDD rule 1'. The breadcrumb trail is 'Main Menu > Configuration > Security settings > PAM rules'. The page indicates '1 out of 3' items. The configuration is divided into two sections: 'Common attributes' and 'Audit information'.  
**Common attributes:**  
 Name \*: BBDD rule 1  
 Description: BBDD rule 1  
 Type \*: Screen  
 Content \*: Windows Setting.\*Personalization  
**Audit information:**  
 Modified by: admin: Soffid Administrator  
 Modified on: 08/08/2025 11:02  
 At the bottom right, there are 'Undo' and 'Apply changes' buttons.

## Keyboard example

The screenshot shows the 'soffid' web interface. The left sidebar contains navigation options: ISS, IGA, AM, PAM, and IRC. The main content area is titled 'Advanced' and shows the configuration for 'sudo'. The breadcrumb trail is 'Main Menu > Configuration > Security settings > PAM rules'. The page indicates '2 out of 3' items. The configuration is divided into two sections: 'Common attributes' and 'Audit information'.  
**Common attributes:**  
 Name \*: sudo  
 Description: sudo  
 Type \*: Keyboard  
 Content \*: sudo  
**Audit information:**  
 Modified by: admin: Soffid Administrator  
 Modified on: 08/08/2025 11:02  
 At the bottom right, there are 'Undo' and 'Apply changes' buttons.

## Keyboard example

The screenshot shows the 'soffid' web interface. The left sidebar contains navigation options: ISS, IGA, AM, PAM, and IRC. The main content area is titled 'Advanced' and shows the configuration for 'Drop table'. The breadcrumb trail is 'Main Menu > Configuration > Security settings > PAM rules'. The page indicates '3 out of 3' items. The configuration is divided into two sections: 'Common attributes' and 'Audit information'.  
**Common attributes:**  
 Name \*: Drop table  
 Description: Drop table  
 Type \*: Keyboard  
 Content \*: [dD][rR][oO][pP].\*[tT][aA][bB][lL][eE]  
**Audit information:**  
 Modified by: admin: Soffid Administrator  
 Modified on: 08/08/2025 11:04  
 At the bottom right, there are 'Undo' and 'Apply changes' buttons.

# Related objects

- PAM policies : the PAM policies contains and configure the PAM rules
- PAM rules : PAM rules used in the PAM policies
- Password vault : to configure PAM policies in vault folders.
- Issue policies : to configure the pam-violation issue policy

# Standard attributes

## Table attributes & rule attributes

- **Name**: name to identify the rule.
- **Description**: a brief description of the rule.
- **Type**: rule type.
  - **Keyboard**: Indicate the command typed in the terminal that you want to control.
  - **Screen**: Indicate the text displayed in the screen that you want to control.
- **Content**: the content of the rule that Soffid will detect. Be in mind, that Soffid will consider blanks, returns, and all characters you type.
  - For keyboard type, text that the user cannot enter.
  - For screen type, text that must be found anywhere on the screen.
- **Modified by**: user who modified that rule.
- **Modified on**: the date and time of the update.

# Actions

## Table actions

<b>"Query search"</b>	Allows you to query PAM rules through different search systems, <u>Quick, Basic and Advanced</u> .
<b>Add new</b>	Allows you to create a new PAM rule. You can choose that option on the hamburger menu or click the add button (+). To add a new PAM rule it will be mandatory to fill in the required fields.
<b>Delete PAM rule</b>	Allows you to remove one or more PAM rules by selecting one or more records and next clicking this button. 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 PAM rules information.
<b>Import</b>	Allows you to upload a CSV file with the PAM rules list to add or update PAM rules to Soffid. First, you need to pick up a CSV file, that CSV has to contain a specific configuration. Then you need to check the content to be loaded, it is allowed to choose if you want or not to load a specific attribute. And finally, you need to select the mappings for each column of the CSV file to import the data correctly and click the Import button.
<b>View</b>	Allows you to show and hide columns in the table. You can also set the order in which the columns will be displayed.

## Rule actions

<b>Apply changes (disk button)</b>	Allows you to create a new configuration PAM rule or to update an existing one. To save the data it will be mandatory to fill in the required fields.
<b>Delete</b>	Allows you to delete a PAM rule. To delete a PAM rule you can click on the "three points" icon and then click the delete button. 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 made.
<b>Apply changes</b>	Allows you to create a new configuration PAM rule or to update an existing one. To save the data it will be mandatory to fill in the required fields. Once the change has been applied, you will return to the main screen.

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