

# Scheduled tasks

## Description

Scheduled tasks display all the automatic tasks defined on Soffid, the scheduling of each task, and information about the last executions. Also, allows administrator users to update the execution of that tasks using a cron pattern and init the execution.

By default, only scheduled tasks are displayed, which should be those configured to support the lifecycle of the tool's objects. Unscheduled tasks can be searched for to be executed manually or to configure their planning.

## Screen overview

The screenshot shows the Soffid interface with the 'Scheduled tasks' page. The left sidebar contains navigation items: ISS, IGA, AM, PAM, and IRC. The main content area shows a search bar, a breadcrumb trail 'Main Menu > Monitoring and reporting > Scheduled tasks', and a table of tasks. The table has columns for 'Enabled', 'Task description', 'Server', 'Start Date', 'End Date', and 'Status'. All tasks are currently disabled. The status column shows a 'No' in the 'Enabled' column and a circular icon with a dot in the 'Status' column. The bottom right corner indicates 'Displayed rows: 24'.

Enabled	Task description	Server	Start Date	End Date	Status
No	Apply date restrictions on roles	*			⊙
No	Disable expired passwords	*			⊙
No	Employee database: Generate target system potential impact	*			⊙
No	Employee database: Load authoritative data for identities and gr...	*			⊙
No	Employee database: Reconcile (load target system objects)	*			⊙
No	Expire untrusted passwords	*			⊙
No	Feed statistic tables	*			⊙
No	Mariadb mariadb: Generate target system potential impact	*			⊙
No	Mariadb mariadb: Reconcile (load target system objects)	*			⊙
No	Network intelligence verify domains	*			⊙
No	Release privileged accounts	*			⊙
No	SSO: Apply system policies	*			⊙
No	SSO: Generate target system potential impact	*			⊙
No	SSO: Propagate groups to agent	*			⊙
No	SSO: Propagate roles to agent	*			⊙
No	SSO: Provision all users on to managed systems.	*			⊙
No	SSO: Reconcile (load target system objects)	*			⊙

The screenshot displays the Soffid Advanced interface for configuring a scheduled task. The task is titled "Employee database: Load authoritative data for identities and groups". It is currently enabled (Yes). The task description is "Employee database: Load authoritative data for identities and groups". The schedule is set to run every 2 hours on the 12th of each month at 17:40. The server is set to "sync-server-version4.netversion4". The last execution was on 12/08/2025 at 17:40, with an error status. The execution log shows "\*\*\*\*\* \*\* ERROR \*\* \*\*\*\*\*". A table of previous executions shows two instances, both with error statuses.

Start Date	End Date	Status	Execution log
12/08/2025 17:40	12/08/2025 17:40	Error	***** ** ERROR ** *****
12/08/2025 17:40	12/08/2025 17:40	Error	***** ** ERROR ** *****

# Related objects

- [Agents](#) : source of agent processes
- [Sync server monitoring](#) : to review the logs
- [Users](#) : there are some processes related to the user lifecycle

# Standard attributes

## Table attributes / task attributes (schedule)

- **Enabled**: if it is selected (value is Yes), the task will be perform on scheduled defined.
- **Task description**: brief description of the task
- **Server**: where the agent is running.
- **Start date**: start date and time of the last execution.
- **End date**: end date and time of the last execution.
- **Status**: The available status for a task are:
  - Done (green light): finished tasks.
  - Pending (yellow light).
  - Error (red light).
- **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.

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

- \* means any month, day, hour, minute, or day of 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

### Image

▼ **Schedule :**

Enabled :  Yes

Task description : Employee database: Load authoritative data for identities and groups

Month \* :

Day \* :

Hour \* :

Minute \* :

Day of Week \* :

## Current execution

- **Start now:** this allows you to launch the task execution.

## Last execution

- **Status:** The available status for a task are:
  - Done (green light): task finished.
  - Pending (yellow light): task has been started but it has not finished yet.
  - Error (red light): task could not be executed.
- **Start date:** start date and time of the last execution.
- **End date:** end date and time of the last execution.
- **Execution log:** log trace. Allows you to download the log file.

## Previous executions

List with the information about the previous executions:

- **Start date:** start date and time of the execution.
- **End date:** end date and time of the last execution.
- **Status:** status of the execution.
- **Execution log:** log of the execution. Allows you to download the log file.

# Actions

## Table actions

<b>Enabled / Show disabled</b>	Displays only enabled tasks, or also disabled ones
<b>Refresh (icon)</b>	Allow you to refresh the data of the table
<b>Download CSV file</b>	Allows you to download a CSV file with the scheduled tasks.
<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.

## Detail actions

<b>Expand all</b>	Displays all the attributes of the different blocks.
<b>Collapse all</b>	Hide all attributes of the different blocks.
<b>"Types of views"</b>	Change the view type: Classic view, Modern view, Compact design.
<b>Start now</b>	Allows you to launch the task execution.
<b>Logs</b>	Allows you to download the log file.
<b>Undo</b>	Allows you to undo any changes made.
<b>Apply changes</b>	Allows you to save the data of scheduled tasks. To save the data it will be mandatory to fill in the required fields.

# Others

## Tasks created by default

These tasks can be run manually when you need them or scheduled if necessary.

<b>Apply date restrictions on roles</b>	If a role has an end date prior to the revision date, all grants of that role to Soffid users will be deleted.
<b>Disable expired passwords</b>	Disable all accounts whose password has expired.
<b>Expire untrusted passwords</b>	Disable all accounts whose password has expired.
<b>Feed statistic tables</b>	To retrieve the information needed for the dashboards on the syncserver monitoring screen
<b>Network intelligence verify domains</b>	To use this task, you must first activate the <u>network intelligence</u> service. This task generates <b>email-breached</b> security incidents, so you must activate it beforehand. The process queries email accounts and checks whether they appear in any security breaches. If so, an email-breached issue is created.
<b>Release privileged accounts</b>	This task analyses privileged accounts and if they have an assigned user but their assignment has an end date today, or does not have an end date, the user is unassigned.

## Tasks created from agents

By default, these tasks only appear if the **agent is active** (has a sync server selected).

<b>AGENT: Load authoritative data for identities and groups</b>	This task only appears when the agent has selected the option "Incoming data > Authoritative data source". This task retrieves information from the end system to update groups, custom objects, and users (identities) in Soffid.
<b>AGENT: Reconcile (load target system objects)</b>	This task retrieves information from the end system to update roles, accounts, and grants in Soffid.
<b>AGENT: Generate target system potential impact</b>	This task is the same as reconciliation but does not make any changes in Soffid. In this case, a report is displayed showing the changes that would have been applied in Soffid.
<b>AGENT: Apply system policies</b>	This task retrieves all agent accounts and checks that they have the correct status according to the rules configured in the agent itself.
<b>AGENT: Provision all users on to managed systems.</b>	This task provisions all users with accounts in that system to the final system. The objective is to have the same data in the final system as in Soffid, and to overwrite any values that someone has changed outside of Soffid.

<b>AGENT: Propagate groups to agent</b>	This task provisions all groups to the final system. The objective is to have the same data in the final system as in Soffid, and to overwrite any values that someone has changed outside of Soffid.
<b>AGENT: Propagate roles to agent</b>	This task provisions all roles in that system to the final system. The objective is to have the same data in the final system as in Soffid, and to overwrite any values that someone has changed outside of Soffid.

## Tasks created from custom scripts

Please note that scripts can only be scheduled from the custom scripts screen.

<b>Run NAME OF THE CUSTOM SCRIPT script</b>	Script created in the custom scripts page and marked as "Scheduled"
---------------------------------------------	---------------------------------------------------------------------

---

Revision #9

Created 18 July 2025 17:54:53 by Sion Vives

Updated 22 September 2025 13:01:06 by Sion Vives