

## 3. Synchronization Server Connectors

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### Introduction

If you need to connect Soffid with your managed systems, you may install the specific connector addons for your systems and, after that, an agent must be configured in the Soffid console.


The connectors available for Soffid IAM can be found in the project website <http://www.soffid.com/download> in the Connectors section.

### Download

To download connectors you may access first to [Soffid Download Manager](#).








 A Soffid's user with authorization is required to access this functionality.

Click on *Connectors* and choose the latest version of the connector for your environment.

 Please you may review the version restrictions, some addons only works since Soffid Console 2.x

## soffid Download open source components

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-  Synchronization server      [Download](#)      [Get source code](#)<sup>↗</sup>
-  Soffid Full installer [RECOMMENDED]      [Download](#)      [Get source code](#)<sup>↗</sup>
-  Connectors      Sync server connectors
-  Addons      Console addons
-  ESSO      Enterprise Single Sign On

## Installation

Once the connector is downloaded, please log into your Soffid IAM Console:

 You need to be administrator of the Soffid console or a user with permissions to upload agents.



Por favor, identifique-se para continuar

Usuario :

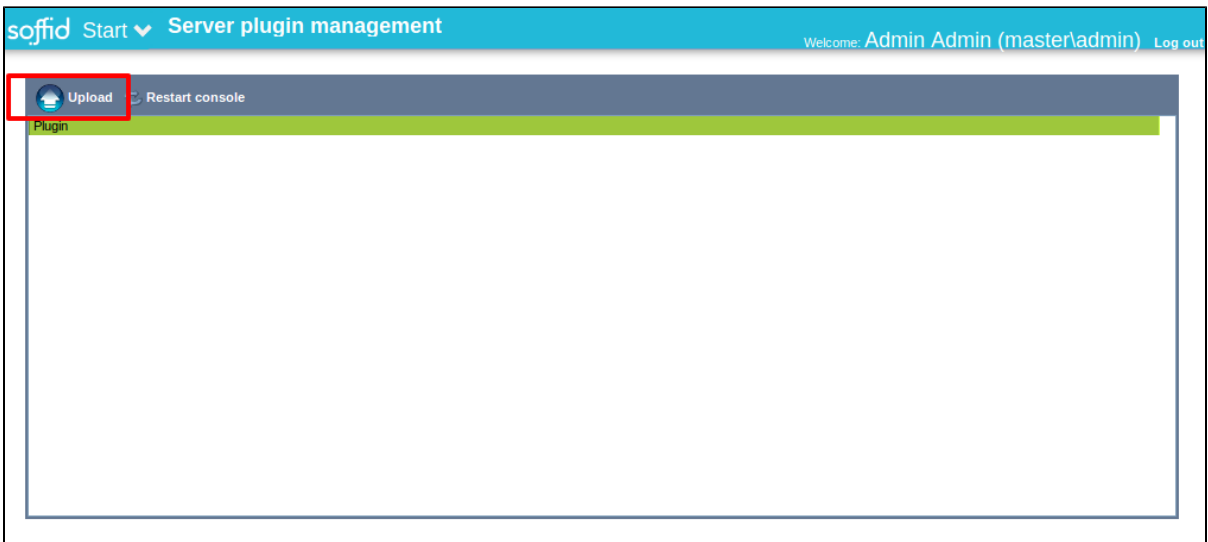
Password :

[Recuperar contraseña](#)

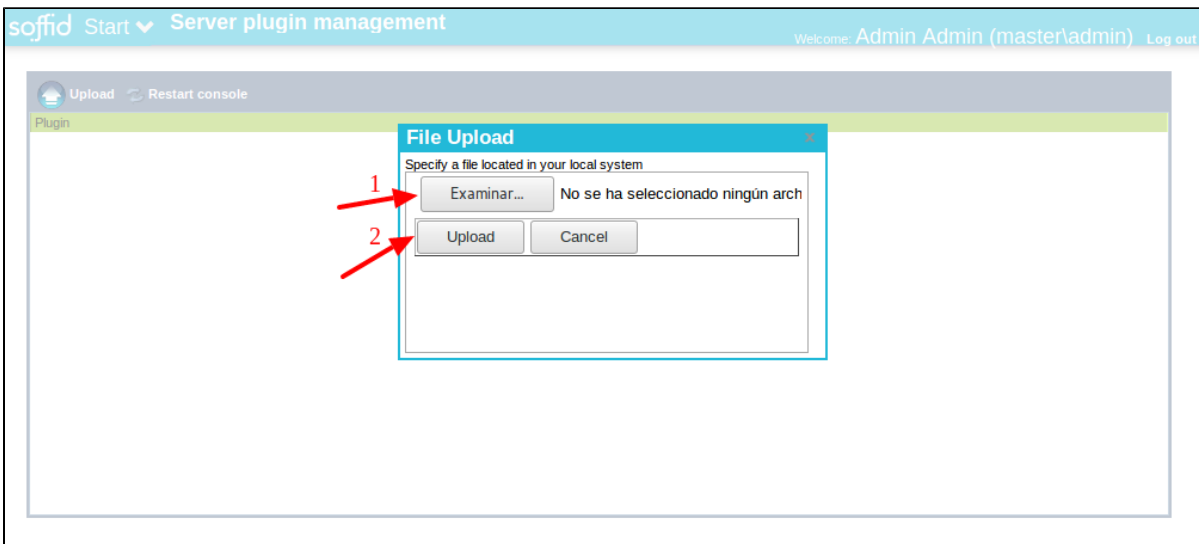
In your Soffid IAM Console, click in *Start menu > Soffid configuration > Addon Management*.

The screenshot shows the Soffid IAM Console interface. The top navigation bar includes the Soffid logo, 'Start', 'My Profile', and a welcome message for 'Admin Admin (master\admin)' with a 'Log out' link. A left-hand 'Main Menu' sidebar lists various system components, with 'Addon management' highlighted in a red box. The main content area displays a language selection dropdown menu and a 'Save language' button.

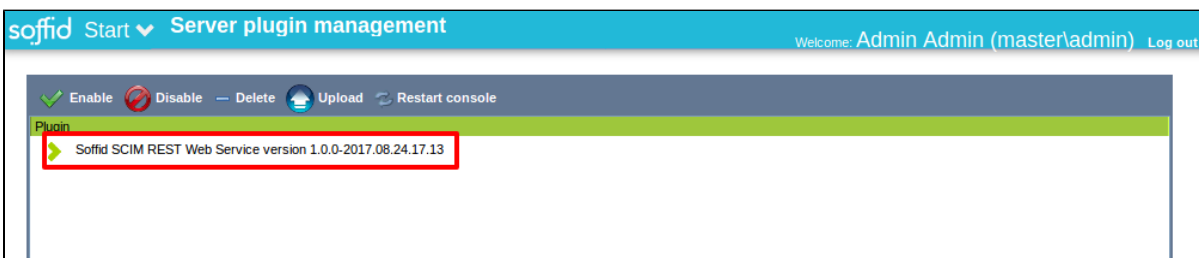
In the Addon Management please Upload the downloaded file:



In the following popup screen, please search the file and click upload to upload it into the Soffid Console



Now your add-on (for example the SCIM add-on) is charged in your Soffid IAM Console but not accessible yet.



Finally, a restart is required to publish the functionality of the connector.



# Configuring agents

After the installation of your connector addons, you may create and configure an agent instances.

Please go to *Start menu > Soffid Configuration > Agents* and click on *Add new*.

Code	Class	Url
customLDAP	com.soffid.iam.sync.agent2.CustomizableLDAPAgent	local
customSQL	com.soffid.iam.sync.agent2.SQAgent2	local

Every agent has different sections:

- First of all there are the generic attributes, common to all agents.

For more information about the generic parameter, see the following link: [Agents](#)

- After generic attributes, there are the custom attributes, specifics of every agent.

For more information about the agent custom parameters and its implemented features, search and visit the specific addon: [List of Connectors Addons](#)

Some advices:

- Every agent is identified by a unique name. Please bear in mind, that once created, it cannot be easily changed. It is advisable to use a systematic coding for the naming conventions. For example, use full qualified name for managed active directories, databases name for database, etc.
- Every agent is an instance of the attribute Type, when you install a new connector addon the list of types will be increased. You could create all the agents as you wish from the same type.

## Connectors list

Here you will find all the information needed about the available Soffid connectors to integrate external managed systems. If you miss something important, don't mind to make suggestions using [contact@soffid.com](mailto:contact@soffid.com).

- [AWS Connector](#)
- [CSV Connector](#)
  - [Customizable CSV file \(CSV Connector type\)](#)
- [Google Apps Connector](#)
- [JSON REST Web Services Connector](#)
- [LDAP Connector](#)
- [Oracle Connector](#)
- [Oracle EBS Connector](#)
- [Oracle PeopleSoft Connector](#)
- [SAP Connector](#)
- [SCIM Connector](#)
- [Shell Connector](#)
  - [Invoker interface](#)
- [SQL Connector](#)
- [Windows Connector](#)
  - [HOWTO SSL access to Active Directory](#)
  - [Invoker interface for Active Directory](#)
- [Zarafa Connector](#)