

AWS Connector

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Introduction

Description

AWS Connector allows to manage the [Amazon AWS IAM](#) (Identity and Access Management)

Managed Systems

This connector is specific for integration with the Amazon AWS IAM (Identity and Access Management) through the [CLI AWS IAM](#)



If your system is not in the previously list, it's possible to include it easily!

For more information to check if your system may be synchronized with this connector you do not hesitate to contact us through our [Contact form](#)

Prerequisites

It is needed a AWS IAM user with access and privileges to the required operations.

It cannot detect password changes to be propagated to other systems.

Download and install

This addon is located in the Connectors section and its name is [AWS plugin](#).



For download and install the [addon](#) you could review our generic documentation about this process: [Addons installation](#)

Agent configuration

Basics

Generic parameters

After the installation of the [addon](#), you may create and configure agent instances.

To configure this [AWS connector](#) you must select "[Amazon WS](#)" in the attribute "[Type](#)" of the [generic parameters](#) section in the [agents page](#) configuration.



For more information about how you may configure the generic parameters of the agent, see the following link: [Agents configuration](#)

Custom parameters

Below there are the specific parameters for this agent implementation:

Parameter	Description
Access Key	Access key provided by the AWS IAM account
Secret Key	Secret key provided by the AWS IAM account
AWS Endpoint	AWS endpoint provided by the AWS IAM account
Enable debug	Two options: [Yes / No]. When it is enabled more log traces are printed in the Synchronization Server log

Attribute mapping

This connector could manage Users and Roles.

Properties

The following properties are defined for each object type:

Property	Meaning
preventDeletion (optional)	Two options: [True / False]. If it is "true", it prevents to delete any no longer needed object

Attributes

Users

The following attributes can be mapped on User objects

Attribute	Value
userName	User name
path	User path
arn	AWS arn (read only)
createDate	Creation date (read only)
passwordLastUsed	Passsword last use (read only)
userId	Internal user id

Groups

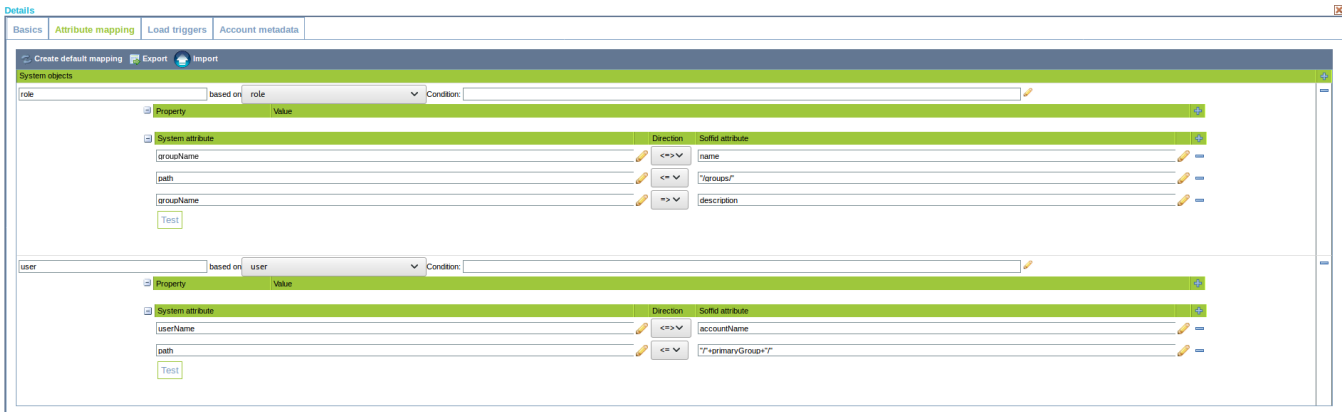
The following attributes can be mapped on Role (AWS Group) objects:

Attribute	Value
groupName	Group name
path	Group path
arn	AWS arn (read only)
createDate	Creation date (read only)
groupId	Internal group id



For more information about how you may configure attribute mapping, see the following link: [Soffid Attribute Mapping Reference](#)

For example:



Load triggers

Pending to be documented.

Account metadata

Pending to be documented.

Operational

Monitoring

After the agent configuration you could check in the monitoring page if the service is running in the Synchronization Server, please go to "Start Menu > Monitoring and reporting > System monitoring".

Tasks

Authoritative

If you are checked "Authorized identity source", an automatic task to load identities from the managed system to Soffid is available, please go to "Start Menu > Processes and Tasks > Manage automatic tasks", and you will something like "Import authoritative data from <AGENT_NAME>".

Reconcile

If your are configured the "Attribute Mapping" tab with some of our objects: "user, account, role, group or grant", an automatic task to synchronize these objects from the managed system to Soffid is available, please go to "Start Menu > Processes and Tasks > Manage automatic tasks", and you will something like "Reconcile all accounts from <AGENT_NAME>".

Synchronization

About the synchronization of the objects, there are two possible options:

- If you are checked the generic attribute "Read Only" in the "Basics" tab, only the changes in the managed systems will be updated in Soffid. We recommend this options until the global configuration of Soffid will be tested.
- If you are not checked the generic attribute "Read Only" in the "Basics" tab, all the changes in Soffid or the managed system will be updated in the other. Note that this synchronization must be configured in the "Attribute mapping" tab correctly.

For more information about how you may configure attribute mapping, see the following link: [Soffid Attribute Mapping Reference](#)