Active Directory back channel configuration

Introduction

Active Directory Back Channel refers to a mechanism that allows Soffid to synchronize user information with an external Active Directory (AD) server in real-time or near real-time (Password synchronizer). This synchronization ensures that both Soffid and AD maintain consistent and up-to-date data.

How it works?

1. The AD sends the password to Soffid to verify that it complies with Soffid policy.
2. If it complies, the password is updated in the AD.
3. The password is sent to Soffid and the PropagatePassword task is created.
4. If the AD agent confirms that the new password has been saved, Soffid synchronizes it with the other systems.

How to install Active Directory back channel?

Download

In order to configure the Active Directory back-channel, you must use the eris command line tool. To do this, please, download the Password Synchronizer from our download portal:

🖼 **Image**

soffid Download enterprise components

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> 📦 Soffid Sync Server 3   Download   Get source code ↗
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>> 📦 Zimbra Connector   Download   Get source code ↗
>> 📦 **Password synchronizer   Download   Get source code ↗**
>>> **Version: 3.0.2 ⓘ   Download : Password synchronizer**
> 📂 ESSO   Enterprise Single Sign On

Install

First of all, you must install the Windows package "Password synchronizer-3.0.x.msi"

Once installed Password Synchronizer on your system, please change to eris or eris64 directory (\ProgramFiles\Soffid\eris64) and execute:

```
eris-ad-service install
```

Configure

Finally, you must configute the Password Synchronizer executing the following command:

```
eris-ad-service CONFIGURE url-syncserver agent-name
```
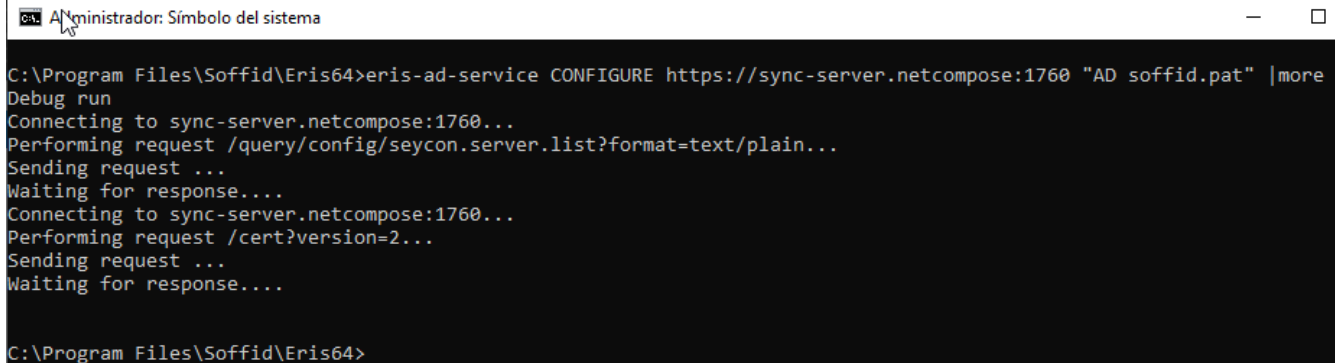
- **url-syncserver** is the master sync server url (http://master.dom.dom:port)
- **agent-name** is the agent code name configured on Soffid console.

To see more information when configuring use | more.

Example

```
eris-ad-service CONFIGURE https://sync-server.netcompose:1760/ "AD soffid.pat" | more
```

📖 **Image**

Test configuration

In order to test configuration, you must use the eris command line tool.

```
eris-ad-service TEST user pass
```
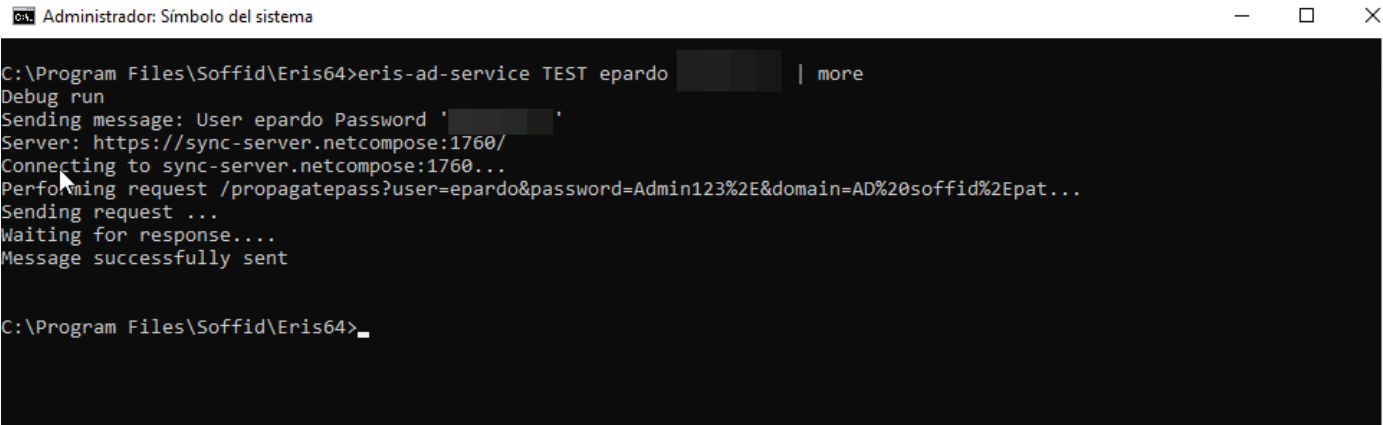
Where user and pass can be **dummy**. If you use a real one it will be propagated to the system.

To see more information during test use | more.

Example

eris-ad-service TEST aretha password | more

📖 **Image**

Generated Task in the AD agent

AD soffid.pat

Name	AD soffid.pat
Url	local
Version	5.4.24

Task	Priority	Executions	Execution time	Mess…	Scheduled
Filter	Filter	Filter	Filter	Filter	Filter
PropagatePassword epardo					

Displayed rows: 1

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