



Informatica® Data Integration - Free & PayGo

Xactly Connector

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Preface

Use Xactly Connector to read data from the Xactly Connector using Data Integration. Create an Xactly connection to run mappings and mapping tasks in Data Integration.

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CHAPTER 1

Introduction to Xactly Connector

You can use Xactly Connector to connect to Xactly from Data Integration. Use Xactly Connector to read data such as commissions, bonus, orders, users, and roles from Xactly and integrate the data with other on-premise or cloud applications.

Xactly Connector overview

Xactly is a cloud-based software, which helps you to manage sales performance, sales compensation, and sales effectiveness. You can read data from Xactly. Xactly Connector supports API Version 1.4.

Supported Features Objects and Task Operations

When you use the Xactly Connector, you can include the following Data Integration assets:

- Data transfer task
- Mapping
- Mapping task

For more information about configuring assets and transformations, see *Mappings*, *Transformations*, and *Tasks* in the Data Integration documentation.

CHAPTER 2

Xactly Connections

Create an Xactly connection so that the agent can read data from the Xactly Connector. You can use Xactly connections to specify sources in mappings and mapping tasks.

Xactly Connection Overview

You can create an Xactly connection on the **Connections** page. You can configure a connection on the Connections page or in a wizard as you configure a task.

Xactly connection properties

When you set up an Xactly connection, configure the connection properties.

The following table describes the Xactly connection properties:

Property	Description
Connection Name	Name of the connection. Each connection name must be unique within the organization. Connection names can contain alphanumeric characters, spaces, and the following special characters: _ . + -, Maximum length is 255 characters.
Description	Description of the connection. Maximum length is 4000 characters.
Type	The Xactly connection type.
Runtime Environment	Name of the runtime environment where you want to run the tasks. You can specify a Secure Agent, Hosted Agent, or serverless runtime environment for a mapping.
UserID	The UserID for accessing the Xactly portal.
PassKey	The password for accessing the Xactly portal.
Xactly App Name	The application name to sign in to Xactly.

Property	Description
WSDL URL	The WSDL URL.
Endpoint URL	The endpoint URL where you want to send the request.
Enable Logging	Enables logging for the task. Select to log SOAP request and response in the session log file.

Configure proxy settings

If your organization uses an outgoing proxy server to connect to the Internet, you can use the agent to connect to Informatica Intelligent Cloud Services through the proxy server.

You can configure the Secure Agent to use the proxy server on Windows and Linux. You can use the unauthenticated or authenticated proxy server.

Configuring the Proxy Settings on Windows

To configure the proxy server settings for the Secure Agent on a Windows machine, you must configure the proxy server settings through the Secure Agent Manager and the JVM options of the Secure Agent.

Contact your network administrator for the correct proxy settings.

1. Click **Start > All Programs > Informatica Cloud Secure Agent > Informatica Cloud Secure Agent** to launch the Secure Agent Manager.

The Secure Agent Manager displays the Secure Agent status.

2. Click **Proxy** in the Secure Agent Manager page.
3. Click **Use a Proxy Server** to enter proxy server settings.
4. Configure the following proxy server details:

Field	Description
Proxy Host	Required. Host name of the outgoing proxy server that the Secure Agent uses.
Proxy Port	Required. Port number of the outgoing proxy server.
User Name	User name to connect to the outgoing proxy server.
Password	Password to connect to the outgoing proxy server.

5. Click **OK**.
6. Log in to Informatica Intelligent Cloud Services.
7. Open Administrator and select **Runtime Environments**.
8. Select the Secure Agent for which you want to configure a proxy server.
9. On the upper-right corner of the page, click **Edit**.

10. In the **System Configuration Details** section, select the **Type** as **DTM** for the Data Integration Service.

- To use an unauthenticated proxy server, add the following parameters in any **JVMOption** field and specify appropriate values for each parameter:

Parameter	Description
-Dhttp.proxyHost=	Host name of the outgoing HTTP proxy server.
-Dhttp.proxyPort=	Port number of the outgoing HTTP proxy server.
-Dhttps.proxyHost=	Host name of the outgoing HTTPS proxy server.
-Dhttps.proxyPort=	Port number of the outgoing HTTPS proxy server.

For example,

```
JVMOption1=-Dhttp.proxyHost=<proxy_server_hostname>
JVMOption2=-Dhttp.proxyPort=8081
JVMOption3=-Dhttps.proxyHost=<proxy_server_hostname>
JVMOption4=-Dhttps.proxyPort=8081
```

- To use an authenticated proxy server, add the following parameters in any **JVMOption** field and specify appropriate values for each parameter:

Parameter	Description
-Dhttp.proxyHost=	Host name of the outgoing HTTP proxy server.
-Dhttp.proxyPort=	Port number of the outgoing HTTP proxy server.
-Dhttp.proxyUser=	User name for the HTTP proxy server.
-Dhttp.proxyPassword=	Password for the user.
-Dhttps.proxyHost=	Host name of the outgoing HTTPS proxy server.
-Dhttps.proxyPort=	Port number of the outgoing HTTPS proxy server.
-Dhttps.proxyUser=	User name for the HTTPS proxy server.
-Dhttps.proxyPassword=	Password for the user.

For example,

```
JVMOption1=-Dhttp.proxyHost=<proxy_server_hostname>
JVMOption2=-Dhttp.proxyPort=8008
JVMOption3=-Dhttp.proxyUser=adminuser
JVMOption4=-Dhttp.proxyPassword=password
JVMOption5=-Dhttps.proxyHost=<proxy_server_hostname>
JVMOption6=-Dhttps.proxyPort=8008
JVMOption7=-Dhttps.proxyUser=adminuser
```

```
JVMOption8=-Dhttps.proxyPassword=password
```

Note: You can configure only five **JVMOption** fields in the **System Configuration Details** section. To configure the remaining parameters, you must add the **JVMOption** fields in the **Custom Configuration Details** section. In the **Custom Configuration Details** section, select the **Type** as **DTM** for the Data Integration Service, add the **JVMOption** fields, and specify the remaining parameters and appropriate values for each parameter.

11. Click **Save**.

The Secure Agent restarts to apply the settings.

Configuring the Proxy Settings on Linux

You can update the proxy server settings defined for the Secure Agent from the command line. To configure the proxy server settings for the Secure Agent on a Linux machine, you must use a shell command that updates the `proxy.ini` file and configure the JVM options of the Secure Agent.

Contact your network administrator for the correct proxy settings.

1. Navigate to the following directory:

```
<Secure Agent installation directory>/apps/agentcore
```

2. To update the `proxy.ini` file, enter the following command:

```
consoleAgentManager.sh configureProxy <proxy host> <proxy port> <proxy user name> <proxy password>
```

3. Log in to Informatica Intelligent Cloud Services.
4. Open Administrator and select **Runtime Environments**.
5. Select the Secure Agent for which you want to configure a proxy server.
6. On the upper-right corner of the page, click **Edit**.
7. In the **System Configuration Details** section, select the **Type** as **DTM** for the Data Integration Service.
 - To use an unauthenticated proxy server, add the following parameters in any **JVMOption** field and specify appropriate values for each parameter:

Parameter	Description
-Dhttp.proxyHost=	Host name of the outgoing HTTP proxy server.
-Dhttp.proxyPort=	Port number of the outgoing HTTP proxy server.
-Dhttps.proxyHost=	Host name of the outgoing HTTPS proxy server.
-Dhttps.proxyPort=	Port number of the outgoing HTTPS proxy server.

For example,

```
JVMOption1=-Dhttp.proxyHost=<proxy_server_hostname>
```

```
JVMOption2=-Dhttp.proxyPort=8081
```

```
JVMOption3=-Dhttps.proxyHost=<proxy_server_hostname>
```

```
JVMOption4=-Dhttps.proxyPort=8081
```

- To use an authenticated proxy server, add the following parameters in any **JVMOption** field and specify appropriate values for each parameter:

Parameter	Description
-Dhttp.proxyHost=	Host name of the outgoing HTTP proxy server.
-Dhttp.proxyPort=	Port number of the outgoing HTTP proxy server.
-Dhttp.proxyUser=	User name for the HTTP proxy server.
-Dhttp.proxyPassword=	Password for the user.
-Dhttps.proxyHost=	Host name of the outgoing HTTPS proxy server.
-Dhttps.proxyPort=	Port number of the outgoing HTTPS proxy server.
-Dhttps.proxyUser=	User name for the HTTPS proxy server.
-Dhttps.proxyPassword=	Password for the user.

For example,

```
JVMOption1=-Dhttp.proxyHost=<proxy_server_hostname>
JVMOption2=-Dhttp.proxyPort=8008
JVMOption3=-Dhttp.proxyUser=adminuser
JVMOption4=-Dhttp.proxyPassword=password
JVMOption5=-Dhttps.proxyHost=<proxy_server_hostname>
JVMOption6=-Dhttps.proxyPort=8008
JVMOption7=-Dhttps.proxyUser=adminuser
JVMOption8=-Dhttps.proxyPassword=password
```

Note: You can configure only five **JVMOption** fields in the **System Configuration Details** section. To configure the remaining parameters, you must add the **JVMOption** fields in the **Custom Configuration Details** section. In the **Custom Configuration Details** section, select the **Type** as **DTM** for the Data Integration Service, add the **JVMOption** fields, and specify the remaining parameters and appropriate values for each parameter.

8. Click **Save**.

The Secure Agent restarts to apply the settings.

CHAPTER 3

Mappings for Xactly

Use the Data Integration Mapping Designer to create a mapping. When you create a mapping, you configure a source to represent an Xactly object.

Xactly sources in mappings

To read data from Xactly, configure an Xactly object as the Source transformation in a mapping.

Specify the name and description of the Xactly source.

The following table describes the source properties that you can configure for an Xactly source:

Property	Description
Connection	Name of the Xactly source connection. You can select an existing connection or create a new connection. You can also click New Parameter to define a parameter for the source connection.
Source Type	Type of the source object. Select Single Object or Parameter.
Object	Name of the Xactly source object based on the source type selected. Select the source object for a single source.

The following table describes the query options that you can configure for an Xactly source:

Property	Description
Filter	Filter value in a read operation. Click Configure to add conditions to filter records and reduce the number of rows that the Secure Agent reads from the source. Specify one of the following filter conditions: <ul style="list-style-type: none">- Not parameterized. Use a basic filter to specify the object, field, operator, and value to select specific records.- Completely parameterized. Use a parameter to represent the field mapping.- Advanced. Use an advanced filter to define a more complex filter condition on an object. Default is Not parameterized .
Sort	Not applicable for Xactly Connector.

The following table describes the advanced source property that you can configure in a Source transformation:

Property	Description
Tracing Level	<p>Sets the amount of detail that appears in the log file.</p> <p>Select one of the following options:</p> <ul style="list-style-type: none">- Terse- Normal- Verbose initialization- Verbose data <p>Default is Normal.</p>

CHAPTER 4

Troubleshooting overview

Use the following sections to troubleshoot errors in Xactly Connector.

Troubleshooting the Xactly Connector

- Select the **Enable Logging** check box to log the SOAP request and response. You can log the SOAP request and response in the session of the task.
- In Xactly, the **equals** operator behaves as **Contains** operator.
- The metadata ID is a required field for the Xactly.
- You can contact Data Integration Customer Support If you get an **Out of Memory** exception.

Note: Use the Xactly enable logging feature of the connector to collect the SOAP request before contacting the Xactly support. You can see the log and exception messages thrown during the configuration in the log files. You can save the log file in a specific location.

For example, <Secure Agent installation directory>\apps\Data_Integration_Server\<latest version of connector>\ICS\main\tomcat\log

APPENDIX A

Generating the client stub for Xactly WSDL

You can create an `Xactly_client-1.0.0.jar` stub for the Xactly WSDL. You must configure the `JAVA_HOME` environment before you generate a stub creation.

1. Download JDK 1.8 from the following website:
<http://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html>
2. Set the `JAVA_HOME` environment variable to the location that contains the JDK 1.8 file. For example, set `JAVA_HOME="c:\Program Files\Java\jdk1.8.0_181"`.
3. Download the Xactly WSDL to a temporary path, for example, `C:\temp\Xactly\wsdl`.
4. You can either run the commands one by one in the command prompt or copy paste the entire command to a Win batch file and run the command as a batch file.
5. Navigate to the `C:\temp\Xactly` folder.

Use the following commands to create the Xactly stub:

```
set classpath=%JAVA_HOME%
mkdir C:\temp\Xactly\out
mkdir C:\temp\Xactly\src
wsimport.exe -keep -XadditionalHeaders -Xdebug -s C:\temp\Xactly\src -d C:\temp
\Xactly\out -verbose C:\temp\Xactly\wsdl\DiscoveryService.wsdl -wsdllocation /wsdl/
DiscoveryService.wsdl
jar -cvf C:\temp\Xactly\Xactly_client-1.0.0.jar -C out . wsdl
```

6. Stop the Secure Agent.
7. Copy the `Xactly_client-1.0.0.jar` to the following directory:
`<Secure Agent installation directory>\downloads\<latest connector zip package>\package\connectors\ctk\<plugin ID>`
8. Start the Secure Agent.

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