



Informatica® Data Integration - Free & PayGo

Zuora AQuA Connector

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Preface

Use Zuora AQUA Connector to read from Zuora by using Cloud Data Integration. You can create a connection, develop mappings and mapping tasks in Cloud Data Integration.

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CHAPTER 1

Introduction to Zuora AQuA Connector

You can use Zuora AQuA Connector to connect to Zuora from Data Integration.

Zuora AQuA Connector uses Zuora AQuA API in a stateful or a stateless mode to read data from Zuora AQuA. You can use Zuora AQuA API. You can use Zuora AQuA Connector to read data from multiple related objects in Zuora.

Use a Zuora AQuA connection to create a Zuora AQuA source object in a mapping task. The Secure Agent reads the data for the corresponding object stored in Zuora AQuA. To use the AQuA API in a stateful mode, you need to specify the Project ID and the Partner ID in a mapping task.

Incremental loading in Zuora

Use incremental load to read data incrementally from Zuora. When you read data incrementally from Zuora, the Secure Agent reads the updated or added rows from Zuora.

When you use Zuora AQuA a continuous session across a series of requests ID formed in a stateful mode. When you specify the Partner ID and Project ID, the Secure Agent reads an incremental load of data from Zuora. When you do not specify the Partner ID and Project ID, the Secure Agent reads a full load of data from Zuora.

The following table shows an example of reading incremental load of data from Zuora:

Partner ID	Project ID	Records Fetched
Infa	A	First run - 100 Records The Secure Agent runs the first request query against all the records in the database and reads all the records present in Zuora. After the first run, the Secure Agent fetches 100 records. Consider after the first run, 5 rows are added to Zuora.
Infa	A	Second run - 5 Records The Secure Agent reads only 5 records that were added after the first run. After the second run, consider that 3 records are updated in Zuora.

Partner ID	Project ID	Records Fetched
Infa	A	Third run - 3 Records The Secure Agent reads the 3 updated records. After the third run, change the Project ID to B.
Infa	B	Fourth run- 105 Records After you change the project ID, the Secure Agent runs the request query against all the records in the database, and reads all the records present in Zuora.

Prerequisites for using Zuora AQuA Connector

If Currency Conversion feature is available for the Zuora tenant, you must disable the Currency Conversion option before you configure Zuora AQuA connections in mappings and mapping tasks.

To disable the Currency Conversion option, perform the following steps:

1. Log in to your Zuora account as an administrator.
2. Click your username at the top right corner and then select **Settings > Finance > Manage Currency Conversion**.
The Manage Currency Conversion page appears.
3. Unselect the **Automatically include additional Currency Conversion information in data source exports** option.
4. Click **save**.

Zuora AQuA Connector assets

The following table lists the Zuora objects that you can use in Data Integration tasks:

When you use Zuora AQuA 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

Zuora AQuA Connections

Create a Zuora connection to securely read data from Zuora. You can create a Zuora AQuA connection on the **Connections** page.

Use the Zuora AQuA connection when you create a mapping or a mapping task.

Zuora AQuA connection properties

When you set up a Zuora AQuA connection, configure the connection properties.

The following table describes the Zuora AQuA 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 Zoura AQuA connection type.
Runtime Environment	The name of the runtime environment where you want to run the tasks. You can specify a Secure Agent or a Hosted Agent.
Endpoint URL	The URL of the Zuora server. For example, you can specify the URL as <code>https://www.zuora.com/apps/api/</code> .
Username	User name for the Zuora account.
Password	Password for the Zuora account.
Entity ID	The entity ID to connect to a specific entity in a tenant that contains multiple entities.
Entity Name	The entity name to connect to a specific entity in a tenant that contains multiple entities.
WSDL Version	Zuora WSDL version number.

Property	Description
Retrieve Deleted Rows	Optional. Retrieves the deleted rows in an incremental mode. Default is false.
UTC Offset	The difference in hours from the Coordinated Universal Time (UTC) for a particular place and date. You can use the UTC offset value when you use the lastruntime data filter field to read data from Zuora based on the specified time zone.

CHAPTER 3

Mappings and mapping tasks with Zuora AQuA

A mapping defines reusable data flow logic that you can use in mapping tasks.

When you create a mapping, you define the Source transformations to represent a Zuora AQuA object. Use the Mapping Designer in Data Integration to add the Source transformations in the mapping canvas and configure the Zuora AQuA source properties.

You can use Monitor to monitor the jobs.

Zuora AQuA sources in mappings

You can configure a source object to represent a single Zuora object in a mapping. You can read data from custom fields in a Zuora object in a mapping.

The following table describes the Zuora AQuA source properties that you can configure in a source object:

Property	Description
Connection	Name of the active source connection.
Source Type	Type of the Zuora AQuA source object available. You can read data to a single or parameter source object.
Object	Name of the source object for the mapping.

Configure the advanced source properties when you create a mapping to read data in an incremental load session or to retrieve the deleted rows from a Zuora source.

The following table describes the Zuora AQuA advanced source properties:

Advanced Property	Description
Project ID	The ID that uniquely identifies a Data Integration project for a partner.
Partner ID	The ID that uniquely identifies a partner. Note: Contact Zuora Global Support if you do not have a Partner ID.
QueryName	The name of the query that you want to run. Maximum length is 32 characters.

CHAPTER 4

Data type reference

Data Integration uses the following data types in mappings and mapping tasks with Zuora AQuA:

Zuora AQuA native data types

Zuora AQuA data types appear in the Source transformations when you choose to edit metadata for the fields.

Transformation data types

Set of data types that appear in the transformations. They are internal data types based on ANSI SQL-92 generic data types, which the Secure Agent uses to move data across platforms. Transformation data types appear in all transformations in a mapping.

When Data Integration reads source data, it converts the native data types to the comparable transformation data types before transforming the data.

Zuora AQuA and transformation data types

The following table lists the Zuora AQuA data types that Data Integration supports and the corresponding transformation data types:

Zuora AQuA Data Type	Transformation Data Type	Description
Boolean	String	True/False
Date	Date	Calendar date (year, month, day).
Datetime	Date	Calendar date (year, month, day).
Decimal	Decimal	Exact numeric of selectable precision.
Integer	Integer	Signed four-byte integer.
PickList	String	Variable-length character string with a user-defined limit.
Text	String	Variable-length character string with a user-defined limit.
ZOQL	String	Variable-length character string with a user-defined limit.

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