



Informatica® Cloud Data Integration

Shopify Connector

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Preface

Use Shopify Connector to learn how to read from Shopify by using Cloud Data Integration. Learn to create a Shopify connection, develop and run mappings, mapping tasks, and data transfer tasks in Cloud Data Integration.

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CHAPTER 1

Introduction to Shopify Connector

You can use Shopify Connector to connect to Shopify from Data Integration. Use Shopify Connector to read data from Shopify.

You can use Shopify objects as sources for mappings, mapping tasks, and data transfer tasks.

Shopify Connector assets

Create assets in Data Integration to integrate data using Shopify Connector.

When you use Shopify 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

Shopify connections

Create a Shopify connection to connect to Shopify so that the Secure Agent can read data from Shopify.

You create a Shopify connection on the **Connections** page. Use the connection when you create the mappings, mapping tasks, and data transfer tasks.

Connect to Shopify

Let's configure a Shopify connection to read data from Shopify.

Before you begin

Before you configure the connection properties, you'll need to get the shop name and Shopify access token from your Shopify account.

The following video shows you how to get the information you need:



Connection details

The following table describes the basic 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	Shopify

Property	Description
Runtime Environment	The name of the runtime environment where you want to run tasks. Specify a Secure Agent or a Hosted Agent.
Shop Name	The store name that you specify when you create a Shopify account. For example, if the Shopify URL is <code>https://Example.myshopify.com</code> , your shop name is Example.
Shopify Access Token	The access token to authenticate access and make requests to the Shopify API.

CHAPTER 3

Mappings and mapping tasks with Shopify Connector

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

Describe the flow of data from source and target along with the required transformations before the agent writes data to the target. When you create a mapping task, select the mapping that you want to use. Use the Mapping Task wizard to create a mapping task. Validate and run the mapping to read data from sources and write to a target. The mapping task processes data based on the data flow logic you define in the mapping.

Shopify sources in mappings

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

Specify the name and description of the Shopify source. Configure the source and advanced properties for the source object.

The following table describes the source properties that you can configure for a Shopify source:

Property	Description
Connection	Name of the source connection. You can select an existing connection, create a new connection, or define parameter values for the source connection property. If you want to overwrite the source connection properties at runtime, select the Allow parameter to be overridden at run time option. Specify the parameter file directory and name in the advanced session properties.
Source Type	Type of the source object. Select one of the following source types: - Single Object - Parameter Default is Single Object .

Property	Description
Parameter	<p>A parameter file where you define values that you want to update without having to edit the task. Select an existing parameter for the source object or click New Parameter to define a new parameter for the source object.</p> <p>The Parameter property appears only if you select parameter as the source type.</p> <p>If you want to overwrite the parameter at runtime, select the Allow parameter to be overridden at run time option.</p> <p>When the task runs, the Secure Agent uses the parameters from the file that you specify in the advanced session properties.</p>
Object	<p>Name of the Shopify source object based on the source type selected.</p> <p>Select the source object for a single source.</p>

The following table describes the advanced source properties that you can configure for a Shopify source:

Property	Description
Tracing Level	<p>Determines 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

Data type reference

Data Integration uses the following data types in mappings, mapping tasks, and data transfer tasks with Shopify:

Shopify native data types

Shopify data types appear in the Source transformation 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.

Shopify and transformation data types

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

Shopify Data Type	Transformation Data Type	Description
Boolean	Integer	Precision 10, Scale 0
Double	Double	Precision 15, scale 0
Float	Double	Precision 15, scale 0
Integer	Integer	Precision 10, scale 0
String	String	1 to 104,857,600 characters Default precision is 4000
Timestamp	Date/Time	Jan 1, 0001 A.D. to Dec 31, 9999 A.D (precision to the milliseconds)

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