Informatica®

Informatica® Cloud Data Integration

Domo Connector

Informatica Cloud Data Integration Domo Connector
March 2022

© Copyright Informatica LLC 2016, 2024

This software and documentation are provided only under a separate license agreement containing restrictions on use and disclosure. No part of this document may be reproduced or transmitted in any form, by any means (electronic, photocopying, recording or otherwise) without prior consent of Informatica LLC.

U.S. GOVERNMENT RIGHTS Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation is subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License.

Informatica, the Informatica logo, Informatica Cloud, and PowerCenter are trademarks or registered trademarks of Informatica LLC in the United States and many jurisdictions throughout the world. A current list of Informatica trademarks is available on the web at https://www.informatica.com/trademarks.html. Other company and product names may be trade names or trademarks of their respective owners.

Portions of this software and/or documentation are subject to copyright held by third parties. Required third party notices are included with the product.

See patents at https://www.informatica.com/legal/patents.html.

DISCLAIMER: Informatica LLC provides this documentation "as is" without warranty of any kind, either express or implied, including, but not limited to, the implied warranties of noninfringement, merchantability, or use for a particular purpose. Informatica LLC does not warrant that this software or documentation is error free. The information provided in this software or documentation may include technical inaccuracies or typographical errors. The information in this software and documentation is subject to change at any time without notice.

NOTICES

This Informatica product (the "Software") includes certain drivers (the "DataDirect Drivers") from DataDirect Technologies, an operating company of Progress Software Corporation ("DataDirect") which are subject to the following terms and conditions:

1. THE DATADIRECT DRIVERS ARE PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.
2. IN NO EVENT WILL DATADIRECT OR ITS THIRD PARTY SUPPLIERS BE LIABLE TO THE END-USER CUSTOMER FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, CONSEQUENTIAL OR OTHER DAMAGES ARISING OUT OF THE USE OF THE ODBC DRIVERS, WHETHER OR NOT INFORMED OF THE POSSIBILITIES OF DAMAGES IN ADVANCE. THESE LIMITATIONS APPLY TO ALL CAUSES OF ACTION, INCLUDING, WITHOUT LIMITATION, BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, STRICT LIABILITY, MISREPRESENTATION AND OTHER TORTS.

The information in this documentation is subject to change without notice. If you find any problems in this documentation, report them to us at infa_documentation@informatica.com.

Informatica products are warranted according to the terms and conditions of the agreements under which they are provided. INFORMATICA PROVIDES THE INFORMATION IN THIS DOCUMENT "AS IS" WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT.

Publication Date: 2024-04-08

Table of Contents

Preface 4

Informatica Resources 4

- Informatica Documentation 4
- Informatica Intelligent Cloud Services web site 4
- Informatica Intelligent Cloud Services Communities 4
- Informatica Intelligent Cloud Services Marketplace 4
- Data Integration connector documentation 5
- Informatica Knowledge Base 5
- Informatica Intelligent Cloud Services Trust Center 5
- Informatica Global Customer Support 5

Chapter 1: Introduction to Domo Connector 6

Domo Supported Objects and Task Operations 6

Administration of Domo Connector 7

Chapter 2: Domo Connections 8

Domo connection properties 8

Chapter 3: Synchronization Tasks with Domo Connector 9

Domo Sources in Synchronization Tasks 9

Domo Targets in Synchronization Tasks 9

Synchronization Task Example 10

Chapter 4: Mappings and Mapping Tasks with Domo Connector 12

Domo Sources in Mappings 12

Domo Targets in Mappings 13

Chapter 5: Data type reference 14

Domo and Transformation Data Types 14

Index 16

Preface

Use *Domo Connector* to learn how to read from or write to Domo using Cloud Data Integration. Learn to create a Domo connection, develop and run synchronization tasks, mappings, and mapping tasks in Cloud Data Integration.

Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

Informatica Documentation

Use the Informatica Documentation Portal to explore an extensive library of documentation for current and recent product releases. To explore the Documentation Portal, visit https://docs.informatica.com.

If you have questions, comments, or ideas about the product documentation, contact the Informatica Documentation team at infa_documentation@informatica.com.

Informatica Intelligent Cloud Services web site

You can access the Informatica Intelligent Cloud Services web site at http://www.informatica.com/cloud. This site contains information about Informatica Cloud integration services.

Informatica Intelligent Cloud Services Communities

Use the Informatica Intelligent Cloud Services Community to discuss and resolve technical issues. You can also find technical tips, documentation updates, and answers to frequently asked questions.

Access the Informatica Intelligent Cloud Services Community at:

https://network.informatica.com/community/informatica-network/products/cloud-integration

Developers can learn more and share tips at the Cloud Developer community:

https://network.informatica.com/community/informatica-network/products/cloud-integration/cloud-developers

Informatica Intelligent Cloud Services Marketplace

Visit the Informatica Marketplace to try and buy Data Integration Connectors, templates, and mapplets:

https://marketplace.informatica.com/

Data Integration connector documentation

You can access documentation for Data Integration Connectors at the Documentation Portal. To explore the Documentation Portal, visit https://docs.informatica.com.

Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

To search the Knowledge Base, visit https://search.informatica.com. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at KB_Feedback@informatica.com.

Informatica Intelligent Cloud Services Trust Center

The Informatica Intelligent Cloud Services Trust Center provides information about Informatica security policies and real-time system availability.

You can access the trust center at https://www.informatica.com/trust-center.html.

Subscribe to the Informatica Intelligent Cloud Services Trust Center to receive upgrade, maintenance, and incident notifications. The Informatica Intelligent Cloud Services Status page displays the production status of all the Informatica cloud products. All maintenance updates are posted to this page, and during an outage, it will have the most current information. To ensure you are notified of updates and outages, you can subscribe to receive updates for a single component or all Informatica Intelligent Cloud Services components. Subscribing to all components is the best way to be certain you never miss an update.

To subscribe, on the Informatica Intelligent Cloud Services Status page, click **SUBSCRIBE TO UPDATES**. You can choose to receive notifications sent as emails, SMS text messages, webhooks, RSS feeds, or any combination of the four.

Informatica Global Customer Support

You can contact a Global Support Center through the Informatica Network or by telephone.

To find online support resources on the Informatica Network, click **Contact Support** in the Informatica Intelligent Cloud Services Help menu to go to the **Cloud Support** page. The **Cloud Support** page includes system status information and community discussions. Log in to Informatica Network and click **Need Help** to find additional resources and to contact Informatica Global Customer Support through email.

The telephone numbers for Informatica Global Customer Support are available from the Informatica web site at https://www.informatica.com/services-and-training/support-services/contact-us.html.

CHAPTER 1

Introduction to Domo Connector

You can use Domo Connector to connect to Domo from Data Integration. Use Domo Connector to read data from Domo and integrate data with other applications, databases, and flat files.

Domo sources and targets represent datasets in Domo. You can use Domo objects as sources and targets in synchronization tasks, mappings, and mapping tasks.

You can switch mappings to advanced mode to include transformations and functions that enable advanced functionality.

When you run a synchronization task or a mapping task, the Secure Agent uses the Domo API to perform the specified operation and reads data from or writes data to Domo.

Note: This connector is developed by Informatica partners, third-party system integrators, or customers. You can look up the Product Availability Matrix or Informatica Marketplace for more information.

Domo Supported Objects and Task Operations

The following table lists the tasks types that the Domo Connector supports:

Task Type	Source	Target	Lookup
Synchronization	Yes	Yes	Yes
Mapping	Yes	Yes	Yes

The following table lists the Domo object types that you can include in Data Integration tasks:

Objects	Read	Insert	Update	Upsert	Delete	Lookup	Data Preview
Fetch Datasets	Yes	Yes	No	No	No	Yes	Yes
Push Datasets	Yes	Yes	No	Yes	No	Yes	Yes

Administration of Domo Connector

As a user, you can use Domo Connector after the organization administrator performs the following tasks:

1. Installs the Domo Connector.
2. Installs the Secure Agent on a 64-bit Windows Operating System.
3. Creates a Domo account and assigns Administrator role to the user. Administrator privileges are required to generate the access token.

   To generate the access token, navigate to **Admin** > **Security** > **Access Tokens**. Generate the access token

CHAPTER 2

Domo Connections

Create a Domo connection to access Domo data sets from Data Integration. You can create a connection on the **Connections** page or when you create a task. After you create a connection, it becomes available to all users who have access to the organization.

Use the connection when you create a synchronization task or a mapping task. You can specify the Domo source and target in mappings, mapping tasks, or synchronization tasks.

Domo connection properties

When you set up a Domo connection, you must configure the connection properties.

The following table describes the Domo connection properties:

Connection property	Description
Connection Name	Name of the Domo connection.
Description	Description of the connection. The description cannot exceed 765 characters.
Type	Type of connection. Select the Domo connection.
Runtime Environment	The name of the runtime environment where you want to run the tasks.
Customer	User name to connect to the Domo account.
Dev Token	Access token to connect to the Domo account.
UpdateMode	You can select one of the following options to update data: - APPEND - REPLACE - UPSERT
Upsert Keys	Applicable for UPSERT mode. Enter unique values and separate each value with a comma.

CHAPTER 3

Synchronization Tasks with Domo Connector

Use a Synchronization task to synchronize data between a source and target.

You can configure a synchronization task using the Synchronization Task wizard.

When you create a task, you can associate it with a schedule to run it at specified times or on regular intervals. Or, you can run it manually. You can monitor tasks that are currently running in the activity monitor and view logs about completed tasks in the activity log.

Domo Sources in Synchronization Tasks

You can configure the Domo source properties on the Source page of the Synchronization Task wizard.

The following table describes the Domo source properties:

Property	Description
Connection	Name of the source connection.
Source Type	Select Single.
Source Object	Source Object for the synchronization task.

Domo Targets in Synchronization Tasks

You can configure Domo target properties on the Target page of the Synchronization Task wizard.

The following table describes the Domo target properties:

Property	Description
Connection	Name of the target connection.
Target Object	Target object for the synchronization task.
Child Object	Not applicable.

Synchronization Task Example

Use the Domo Connector to create and schedule a synchronization task to read data from a flat file and write data to Domo.

Perform the following steps to read data from the flat file and write it to Domo.

1. Select **Data Integration** from the menu.

   The **Data Integration** Home page appears.
2. Click **New** > **Tasks** > **Synchronization Task** to create a synchronization task.
3. On the **Definition** tab, configure the following fields:

Field	Description
Task Name	Name of the synchronization task.
Description	Description of the synchronization task. Maximum length is 255 characters.
Task Operation	Select **Insert**.

4. Click **Next**.
5. On the **Source** tab, configure the following fields:

Field	Description
Connection	Select the source connection.
Source Type	Select **Single**.
Source Object	Select the source object.

6. Click **Next**.

7. On the **Target** tab, configure the following fields:

Field	Description
Connection	Select an Adobe Cloud Platform connection.
Target Object	Select the target object.

8. Click **Next**.
9. On the **Data Filters** tab, set the filter conditions. If you do not set a filter condition, all rows are processed for the task.
10. Click **Next**.
11. On the **Field Mapping** tab, drag and drop the required fields from the source to the target.
12. Click **Next**.
13. On the **Schedule** tab you can schedule the task for each requirement and save. You can run a synchronization task manually, or you can schedule the task to run at a specific time or at specified time intervals.
14. Click **Finish**. To run the task, click **Run**.

    On the **Monitor** tab, you can monitor the status of the task.

CHAPTER 4

Mappings and Mapping Tasks with Domo Connector

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

Validate and run the mapping to read data from sources, and write to a target.

Describe the flow of data from source and target along with the required transformations before the agent writes data to the target. In advanced mode, the Mapping Designer updates the mapping canvas to include transformations and functions that enable advanced functionality.When you create a mapping task, select the mapping that you want to use. Use the Mapping Task wizard to create a mapping task. The mapping task processes data based on the data flow logic you define in the mapping.

Domo Sources in Mappings

In a mapping, you can configure a source transformation to represent a single Domo object.

The following table describes the Domo source properties that you can configure in a source transformation:

Property	Description
Connection	Name of the source connection.
Source Type	Select Single or Parameter.
Object	Name of the source object.

Domo Targets in Mappings

The following table describes the Domo target properties that you can configure in a Target transformation:

Property	Description
Connection	Name of the target connection.
Target Type	Select Single.
Object	Name of the target object.
Operation	Select the task operation.

CHAPTER 5

Data type reference

Data Integration uses the following data types in synchronization tasks, Mapping task, and Mappings with Domo:

Domo native data types

Domo data types appear in the source and target 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. When Data Integration writes to a target, it converts the transformation data types to the comparable native data types.

Domo and Transformation Data Types

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

Domo Data Type	Transformation Data type	Description
Integer	Long	Minimum value of -2^{63} Maximum value of $2^{63}-1$
Long	Long	Minimum value of -2^{63} Maximum value of $2^{63}-1$
Short	Long	Minimum value of -2^{63} Maximum value of $2^{63}-1$
Double	Double	Precision 15
Float	Double	Precision 15
String	String	1 to 255 characters

Domo Data Type	Transformation Data type	Description
Date	Date/Time	Minimum value: 1900-1-1 Maximum value: 9999-12-30
DateTime	Date/Time	Minimum value: 1900-1-1 T 00:00:00 Maximum value: 9999-12-30 T 23:59:59

INDEX

C

Cloud Application Integration community
  URL 4
Cloud Developer community
  URL 4
connection properties
  Domo 8
connections 8

D

Data Integration community
  URL 4
data type reference
  overview 14
Domo
  Synchronization task 9
Domo Connection
  overview 8
  properties 8
Domo Connector
  administration 7
  introduction 6
  supported objects 6
  task operations 6
Domo data types 14

I

Informatica Global Customer Support
  contact information 5
Informatica Intelligent Cloud Services
  web site 4

M

maintenance outages 5
mapping
  source properties 12
  target properties 13

S

status
  Informatica Intelligent Cloud Services 5
synchronization task
  example 10
system status 5

T

transformation data types 14
trust site
  description 5

U

upgrade notifications 5

W

web site 4