



Informatica® Data Integration - Free & PayGo  
April 2023

# Connections

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# Preface

Use *Connections* to learn how to configure connections between Data Integration and cloud and on-premises applications, platforms, databases, and files. Refer to *Connections* for information about the connection properties for all connectors that can be used with 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](mailto: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](mailto: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, go to <https://status.informatica.com/> and click **SUBSCRIBE TO UPDATES**. You can then 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 Customer Support Center by telephone or online.

For online support, click **Submit Support Request** in Informatica Intelligent Cloud Services. You can also use Online Support to log a case. Online Support requires a login. You can request a login at <https://network.informatica.com/welcome>.

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

## Connectors and connections

Connections provide access to data in cloud and on-premise applications, platforms, databases, and flat files. They specify the location of sources, lookup objects, and targets that are included in a task.

You use connectors to create connections. You can create a connection for any connector that is installed in Informatica Intelligent Cloud Services.

When you create a connection, you enter the connection properties so that Data Integration can connect to the source or target to read or write data. For some connection types, you'll also need to enter source or target properties when you use them in a task. For example, if you use Amazon S3 as a source, you'll need to enter the source path for the files you want to read.

You can connect to the following sources and targets to read or write data:

Connection	Connection type
Adobe Analytics	Source, Lookup
Amazon Aurora	Source, Lookup
Amazon Redshift V2	Source, Target, Lookup
Amazon S3 V2	Source, Lookup
Amplitude	Source, Lookup
Box	Source, Lookup
Coupa	Source, Lookup
Cvent	Source, Lookup
Databricks Delta	Source, Target, Lookup
Eloqua Bulk API	Source, Lookup
Google Analytics	Source, Lookup
Google BigQuery V2	Source, Target, Lookup
Google Cloud Spanner	Source, Lookup
Google Cloud Storage V2	Source, Lookup
Jira	Source, Lookup

Connection	Connection type
Klaviyo	Source, Lookup
Magento V1	Source, Lookup
Mailchimp	Source, Lookup
Marketo V3	Source, Lookup
Microsoft Azure Blob Storage V3	Source, Lookup
Microsoft Azure Cosmos DB SQL API	Source, Lookup
Microsoft Azure Data Lake Storage Gen2	Source, Lookup
Microsoft Azure Synapse SQL	Source, Target, Lookup
Microsoft CDM Folders V2	Source, Lookup
Microsoft Dynamics 365 for Operations	Source, Lookup
Microsoft Dynamics 365 for Sales	Source, Lookup
Microsoft SQL Server	Source, Lookup
Mixpanel	Source, Lookup
MongoDB	Source, Lookup
MySQL	Source, Lookup
NetSuite	Source, Lookup
OData	Source, Lookup
ODBC	Source, Lookup
Oracle	Source, Lookup
PostgreSQL	Source, Lookup
Salesforce	Source, Lookup
Salesforce Marketing Cloud	Source, Lookup
Salesforce Pardot	Source, Lookup
ServiceNow	Source, Lookup
Shopify	Source, Lookup
Snowflake Data Cloud	Source, Target, Lookup
Stripe	Source, Lookup

Connection	Connection type
SuccessFactors OData	Source, Lookup
SurveyMonkey	Source, Lookup
Xactly	Source, Lookup
Xero	Source, Lookup
Zendesk V2	Source, Lookup
Zuora AQUA	Source, Lookup



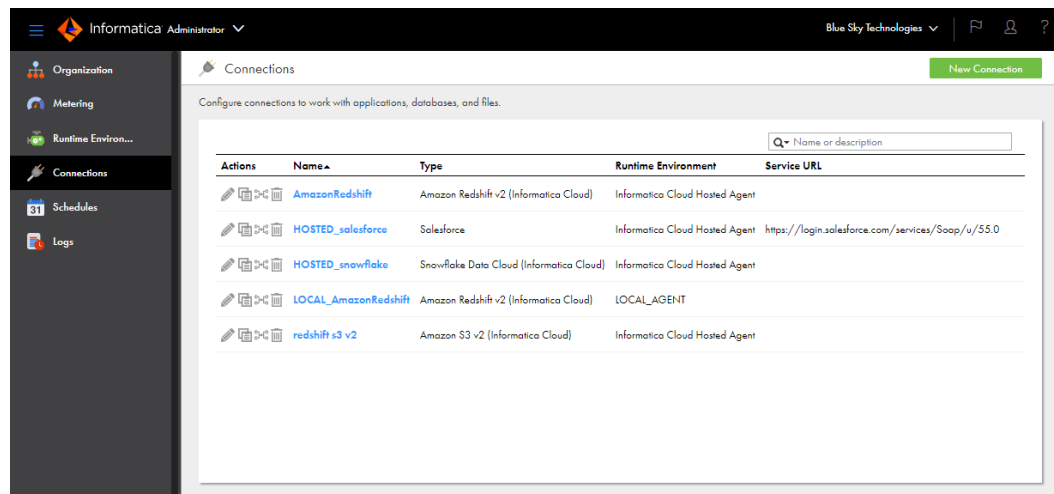
## CHAPTER 2

# Connection configuration

When you configure a connection, the connection becomes available for use within the organization.

Configure connections on the **Connections** page. The **Connections** page lists all of the connections that have been configured in the organization. You can create a connection on this page. You can also search for an existing connection by name or description, by name only, or by description only.

The following image shows the **Connections** page:



When you configure a connection for most connection types, you specify the runtime environment for the connection. The runtime environment must contain an agent that is running. For other connection types, you specify the runtime environment when you configure the task.

You can configure a connection to a database. When you create a source connection to a database, you create the connection to a database table, alias, or view. When you create a target connection to a database, you create a connection to a database table.

When you configure connections for sources and targets in a mapping or task, ensure that the code pages are the same. If the source system and target system in a task use different code pages, the Informatica Intelligent Cloud Services might load unexpected data to the target.

You can delete any connection that you create as long as the connection is not used by a saved query or task.

# Configuring a connection

You can configure a connection on the **Connections** page in Administrator or in a wizard when you configure a mapping or task.

1. Perform either of the following steps:
  - In Administrator, select **Connections**.
  - In Data Integration, open a source, target, or lookup object in a mapping or task.
2. Click **New Connection**.
3. Configure the following connection details:

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 100 characters. Connection names are not case sensitive.
Description	Description of the connection. Maximum length is 255 characters.
Type	Type of connection, such as Salesforce or Oracle.

4. Configure the connection-specific properties.

For example, if you configure a flat file connection, enter the runtime environment to be used with the connection, the directory where the files are stored, the date format for date fields in the files, and the code page of the system that hosts the files.

For information about connection-specific properties, see the help for the appropriate connector.

The following image shows the properties for a flat file connection:

The screenshot shows a 'New Connection' dialog box with a title bar containing a plug icon, the text 'New Connection', and buttons for 'Test Connection', 'Save', and a close icon. The main content area is divided into two sections: 'Connection Details' and 'Flat File Connection Properties'. In 'Connection Details', 'Connection Name' is 'FlatFileConnection', 'Description' is empty, and 'Type' is 'Flat File'. In 'Flat File Connection Properties', 'Runtime Environment' is 'Select...', 'Directory' is empty with a 'Browse...' button, 'Date Format' is 'MM/dd/yyyy HH:mm:ss', and 'Code Page' is empty.

Connection Details	
Connection Name: *	FlatFileConnection
Description:	
Type: * ?	Flat File

Flat File Connection Properties	
Runtime Environment: * ?	Select...
Directory: *	<input type="text"/> Browse...
Date Format: *	MM/dd/yyyy HH:mm:ss
Code Page: *	

5. To test the connection, click **Test Connection**.

The results of the test are displayed on the page, as shown in the following image:

The screenshot shows the same 'New Connection' dialog box, but now with a green checkmark and the message 'The test for this connection was successful.' at the top. The configuration values in the 'Flat File Connection Properties' section have been updated: 'Runtime Environment' is 'TMS51RH6', 'Directory' is '/data', 'Date Format' is 'MM/dd/yyyy HH:mm:ss', and 'Code Page' is 'MS Windows Latin 1'.

✓ The test for this connection was successful.

Connection Details	
Connection Name: *	FlatFileConnection
Description:	
Type: * ?	Flat File

Flat File Connection Properties	
Runtime Environment: * ?	TMS51RH6
Directory: *	/data Browse...
Date Format: *	MM/dd/yyyy HH:mm:ss
Code Page: *	MS Windows Latin 1

If a database connection fails, contact the database administrator.

6. Click **Save** to save the connection.

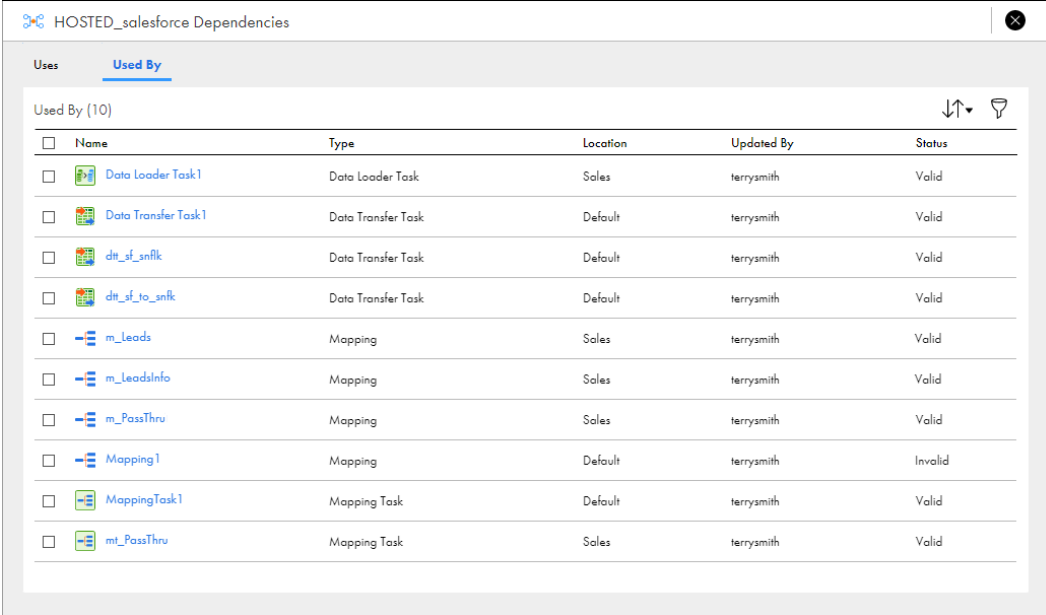
# Viewing connection dependencies











You can view object dependencies for connections. When you view object dependencies for connections, Administrator lists the runtime environments that the connection uses as well as the assets in each service that use the connection.

To view object dependencies for a connection, on the Connections page, click the **Show Dependencies** icon.

The **Dependencies** page opens with showing the Uses tab by default. To see the assets that use the connection, select the Used By tab.

The following image shows the asset dependencies on the Used By tab for a connection:



HOSTED_salesforce Dependencies					
Uses		Used By			
Used By (10)					
<input type="checkbox"/>	Name	Type	Location	Updated By	Status
<input type="checkbox"/>	 Data Loader Task1	Data Loader Task	Sales	terrysmith	Valid
<input type="checkbox"/>	 Data Transfer Task1	Data Transfer Task	Default	terrysmith	Valid
<input type="checkbox"/>	 dtf_sf_snflk	Data Transfer Task	Default	terrysmith	Valid
<input type="checkbox"/>	 dtf_sf_to_snflk	Data Transfer Task	Default	terrysmith	Valid
<input type="checkbox"/>	 m_Leads	Mapping	Sales	terrysmith	Valid
<input type="checkbox"/>	 m_LeadsInfo	Mapping	Sales	terrysmith	Valid
<input type="checkbox"/>	 m_PassThru	Mapping	Sales	terrysmith	Valid
<input type="checkbox"/>	 Mapping1	Mapping	Default	terrysmith	Invalid
<input type="checkbox"/>	 MappingTask1	Mapping Task	Default	terrysmith	Valid
<input type="checkbox"/>	 mt_PassThru	Mapping Task	Sales	terrysmith	Valid

To sort the objects that appear on the page, click the sort icon and select the column name for the property you want to sort by.

To filter the objects that appear on the dependencies page, click the **Filter** icon. Use filters to find specific objects. To apply a filter, click **Add Field**, select the property to filter by, and then enter the property value. You can specify multiple filters. For example to find a mapping called "MyMapping," add the Type filter and specify Mapping. Then add the Name filter and enter "MyMapping."

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