Informatica® Cloud Data Integration
July 2024

Glossary

Informatica Cloud Data Integration Glossary
July 2024

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Preface

Refer to the *Glossary* to understand common Data Integration terms.

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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.

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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:

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Informatica Intelligent Cloud Services Marketplace

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

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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

Glossary

add-on connector

A Data Integration add-on that provides connectivity to source and target types that are not supported natively in Data Integration.

administrator

See *organization administrator* on page 8.

advanced cluster

A Kubernetes cluster that provides a distributed processing environment on the cloud.

advanced configuration

A configuration that defines an advanced cluster.

agent

A program that runs tasks in Informatica Intelligent Cloud Services. An agent can be a Secure Agent that runs locally within your environment or within a cloud computing services environment, or it can be the Hosted Agent that runs at an Informatica Cloud hosting facility.

asset

Any object that can be created, read, updated, and deleted within Data Integration. Examples include mappings, tasks, and taskflows. Assets are organized in project folders.

bundles

A set of data integration templates that you can use in your organization.

component

An asset that is used within other assets such as mappings and tasks. For example, a business service definition is a component that is used in Web Service transformations.

connection

An object that you configure to provide access to data in cloud and on-premises applications, platforms, databases, and flat files.

Data Integration Server

A Secure Agent service that performs data integration jobs for Data Integration. Data integration jobs include previewing data and running mappings, tasks, and taskflows.

Elastic Server

A Secure Agent service that manages an advanced cluster and the jobs that run on the cluster.

file listener

Monitors files in a defined location and sends notifications to users when files are added, updated, or deleted from the folders.

You can use file listeners in Data Integration taskflows and mass ingestion tasks, and in B2B Gateway partner flows.

full load

A type of load where an entity processes data for all rows of the source objects. For example in Data Integration, when a replication task runs in full load mode, the task truncates the target database tables and performs a full data refresh from the source.

hosting facility

See *Informatica Cloud hosting facility* on page 7.

incremental load

A type of load where a task processes data for new rows and the rows that have changed since the last processing.

Informatica Cloud Hosted Agent

A runtime environment that runs Data Integration tasks that use certain connectors. The Informatica Cloud Hosted Agent (Hosted Agent) is hosted at an Informatica Cloud hosting facility.

Informatica Cloud hosting facility

A facility where Informatica Intelligent Cloud Services runs. The Informatica Cloud hosting facility stores task and organization information but it does not store source or target data.

Informatica Cloud Secure Agent

A lightweight program that runs tasks and collects metadata for Informatica Intelligent Cloud Services. A Secure Agent enables secure communication across the firewall between Informatica Intelligent Cloud Services and your organization or a cloud computing services environment. A Secure Agent runs within a Secure Agent group.

Informatica Cloud Secure Agent Manager

A program used to manage the Informatica Cloud Secure Agent on Windows.

intelligent structure model

A Data Integration asset that enables you to determine the underlying patterns in a sample file and auto-generate a model for files with the same data and structure. The model can be used to transform and parse structured and semi-structured data.

job

An instance of a mapping, task, or taskflow, or a single import or export operation.

linear taskflow

A Data Integration asset that allows you to group multiple tasks. You can run a linear taskflow immediately or on a schedule. The tasks in a linear taskflow run serially in the specified order.

mapping

An asset that defines data flow logic that you can use in mapping tasks.

mapping task

A Data Integration task that allows you to process data based on the data flow logic defined in a mapping.

mapplet

Transformation logic that you can create and use to transform source data before it is loaded into the target. Previously known as a plug-in.

masking task

A Data Integration task that creates realistic test data from production source data. The format of the original columns and relationships between the rows are preserved in the masked data.

organization

A secure area within the Informatica Intelligent Cloud Services repository that stores your licenses, user accounts, data integration assets such as mappings and tasks, and information about jobs and security. Based on your license, you might have access to one organization or to a parent organization and one or more sub-organizations.

organization administrator

An Informatica Intelligent Cloud Services user configured with the Admin role who has full access to the organization. The organization administrator is responsible for managing the organization and performing administrative tasks, such as configuring runtime environments, configuring the organization profile, and managing organization security. If the organization has multiple users with the Admin role, the organization administrator is the lead administrator.

parameter file

A text file that contains user-defined parameters and their associated values.

permission

Access rights to individual assets. You assign permissions to users or user groups.

pipeline

Each mapping contains one or more pipelines. The Secure Agent separates a mapping pipeline into pipeline stages and then performs the extract, transformation, and load for each pipeline stage in parallel.

PowerCenter task

A Data Integration task that runs a PowerCenter workflow that you import into Data Integration.

privilege

Access rights to product features or types of assets. You assign privileges to roles.

related objects

Multiple source objects joined by a relationship defined in the source system or a custom relationship defined in the Source transformation.

replication task

A Data Integration task that replicates data from Salesforce or database sources to database or file targets. You might replicate data to archive data, perform offline reporting, or consolidate and manage data.

role

A set of privileges that you can assign to users and groups.

runtime environment

The execution platform that run tasks. A runtime environment is either the Informatica Cloud Hosted Agent or a Secure Agent group. You must have at least one runtime environment in each organization so that users in the organization can run tasks.

saved query

A Data Integration object that you can create from one or more source database tables. You can use a saved query as the source object in a synchronization task. For example, you might create a saved query to include source filters or to perform a complicated join of multiple tables.

Secure Agent group

A type of runtime environment that consists of one or more Secure Agents.

seed value

Starting point for creating repeatable output in masked data. Assign the same seed value to related columns and use key masking to enforce consistent masking.

sub-organization

An organization in Informatica Intelligent Cloud Services that is a child organization to another organization. A sub-organization inherits most licenses from the parent organization, but it has its own set of users and assets.

synchronization task

A Data Integration task that synchronizes data between a source and target. A synchronization task loads data and integrates applications, databases, and files. Includes add-on functionality such as custom queries and mapplets.

tag

Asset property that you can use to group assets. Create tags to filter for assets that share a common attribute on the **Explore** page.

task

A process that you configure to analyze, extract, transform, and load data. You can configure and run different types of tasks. For example, you can run a synchronization task that reads sales leads from your sales database and writes them into Salesforce.

taskflow

A data integration workflow that consists of multiple tasks linked together. You can use a taskflow to run multiple tasks in sequential order or run multiple parallel sets of tasks, either on demand or according to a schedule.

transformation

An object in a mapping that generates, modifies, or passes data. Each transformation performs a different function.

transformation data type

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.

user

An Informatica Data Integration user account that allows secure access to an organization. A user can perform tasks in the organization based on the role assigned to the user or to the user groups that the user is a member of.

user-defined function

A reusable function that you can use in expressions. Create a user-defined function to build a complex expression using the Informatica Intelligent Cloud Services transformation language. User-defined functions use the same syntax and can use the same transformation language components as transformation and field expressions.

user group

A group of users in which all members are assigned the same roles and can perform the same tasks in the organization.

Visio template

A Microsoft Visio template that defines parameterized data flow logic. You can use Visio templates in mapping tasks.

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