



Informatica® Mass Ingestion  
May 2024

# Introduction

Informatica Mass Ingestion Introduction  
May 2024

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# Preface

Read *Introduction* to get an overview of the ingestion types in the Mass Ingestion service.

## 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, 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

## Introducing Mass Ingestion

Use Mass Ingestion to ingest and replicate data, at scale and with low latency, from database, application, file, or streaming data sources to cloud data warehouses, data lakes, object storage, streaming systems, or databases.

Mass Ingestion provides the following ingestion solutions:

- **Mass Ingestion Applications.** Propagates data from objects in Software-as-a-Service (SaaS) and on-premise applications to cloud-based data lakes, data warehouses, and event streaming platforms. An application ingestion task can transfer a point-in-time snapshot of data in a source schema to a target in a batch operation. An application ingestion task can also incrementally propagate change data and schema changes in near real time from a source to a target on a continuous basis. If you select the combined initial and incremental load type, the application ingestion task performs an initial load and then automatically switches to incremental load processing of data changes.
- **Mass Ingestion Databases.** Replicates data from source objects in a relational or non-relational database to multiple types of cloud and on-premises targets. A database ingestion task can transfer a point-in-time snapshot of all source data in a schema to a target in a batch operation. A database ingestion task can also incrementally propagate DML data and schema changes in near real time from a database source to a target on a continuous basis. If you select the combined initial and incremental load type, the database ingestion task performs an initial load and then automatically switches to incremental load processing of data changes.
- **Mass Ingestion Files.** Transfers a large number of files of different types between on-premises and cloud repositories. You can use Mass Ingestion Files to track and monitor file transfers.
- **Mass Ingestion Streaming.** Transfers real-time streaming and machine data from selected sources to selected messaging systems and batch targets.

## Home page

The Home page provides a guided and unified experience for Data Integration and Mass Ingestion users.

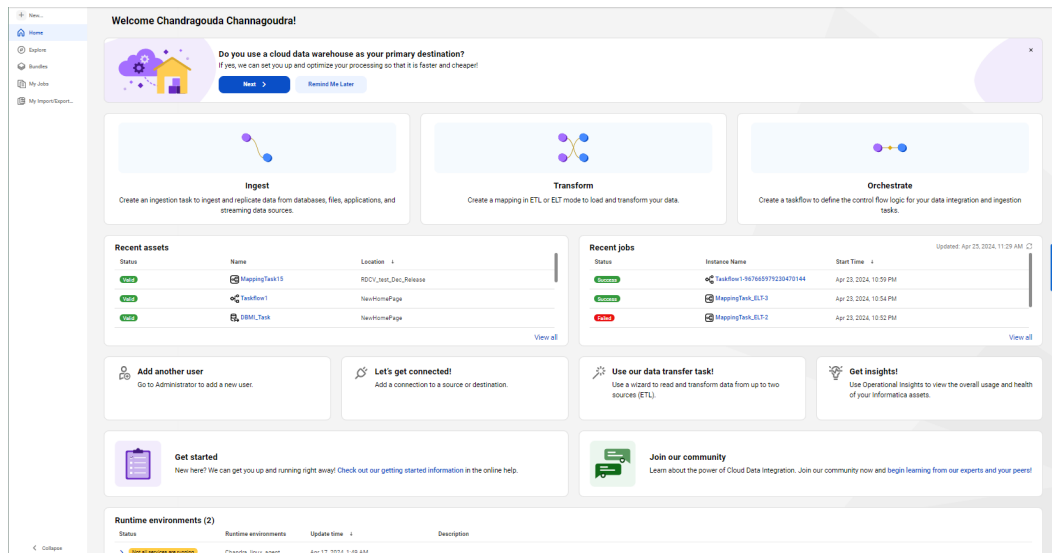
Regardless of whether you select Mass Ingestion or Data Integration on the **My Services** page, the unified **Home** page appears.

The **Home** page is customized for each user in your organization based on the following criteria:

- Your organization's licenses
- Your user roles
- Whether you've configured a primary cloud data warehouse
- Whether your organization has any runtime environments

- Whether you've created assets or run jobs

For example, if you use Mass Ingestion only, the **Transform**, **Orchestrate**, **Use our data transfer task!**, and **Try out our mapping templates!** panels do not appear. Or if you're an Admin user who uses both Mass Ingestion and Data Integration and has already created assets and run jobs, you might see a **Home** page that looks like the following image:



The Home page displays some or all of the following panels:

- **Do you use a cloud data warehouse as your primary destination?** This panel appears if you haven't selected a cloud data warehouse as your primary destination. It is optional.
- **Ingest, Transform, and Orchestrate.** These panels are the primary portals to Mass Ingestion and Data Integration functionality. Click **Ingest** to create Mass Ingestion tasks to ingest and replicate your data. Click **Transform** to create data transfer tasks or mappings to load and transform your data.. Click **Orchestrate** to create taskflows to define the control flow logic for your tasks. If you've chosen a primary cloud data warehouse, the panel names include the data warehouse type, for example, **Transform into Snowflake**.
- **Recent assets and Recent jobs.** These panels display the assets you've most recently created or modified and the jobs you've most recently run.
- **Add another user and Let's get connected!.** These panels allow you to add users and create connections in Administrator.
- **Get insights!.** This panel provides access to Operational Insights service where you can monitor Mass Ingestion jobs.
- **Get started and Join our community.** These panels provide Data Integration getting started information or access to the Data Integration community for help.
- **Runtime environments.** This panel displays the status of the runtime environments that are available to you and lets you jump to Administrator to manage runtime environments.
- **Try out our mapping templates!.** This panel enables Data Integration users to create a mapping based on a pre-defined mapping template.

The navigation bar on the left side provides commands that you can use to perform the following tasks:

- **New.** Open the **New Asset** dialog box to create a Mass Ingestion application ingestion, database ingestion, file ingestion, or streaming ingestion task. You can also create Data Integration assets, depending on your organization's licensing.

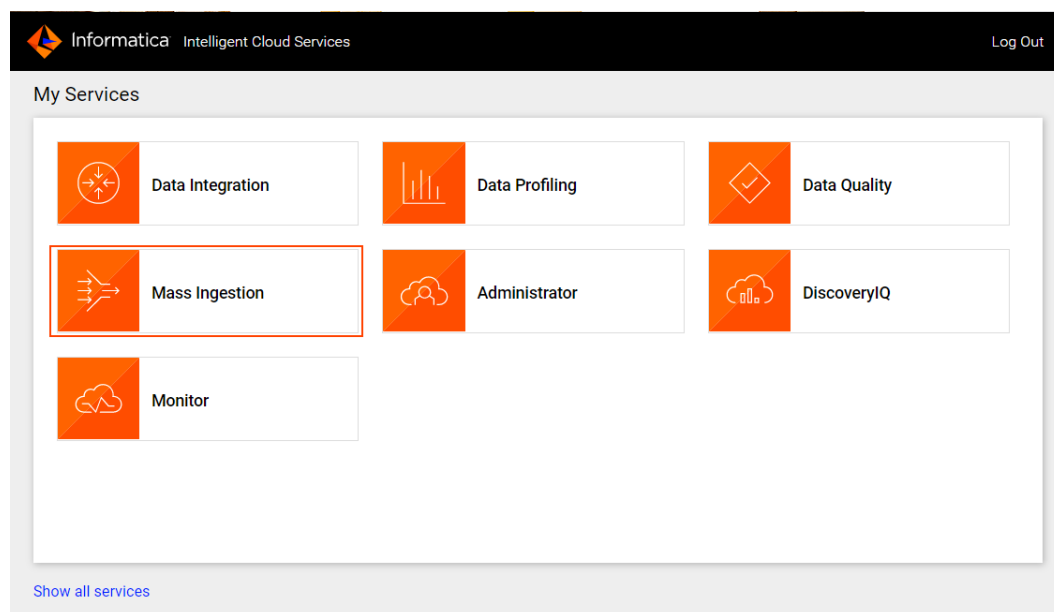
- **Home.** Return to the Home page.
- **Explore.** Explore all projects and assets, create projects, and access your assets.
- **Bundles.** Create and manage bundles of assets to share with your organization or other organizations.
- **My Jobs.** View the status of all of your ingestion jobs.
- **My Import/Export Logs.** View the status of your imports and exports.

When you switch to another service such as Administrator or Monitor, the options in the navigation bar change to suit the service.

## My Services page

The **My Services** page displays the services that your organization is licensed to use and any common services that are available under the same license, such as Administrator and Monitor. If your organization has trial licenses for additional services, the page also displays those services.

The following image shows an example **My Services** page:



To use Mass Ingestion, click **Mass Ingestion** or **Data Integration**. Both options display the unified Home page that provides access to both Mass Ingestion and Data Integration assets and jobs.

# Explore page

Use the **Explore** page to work with your Informatica Intelligent Cloud Services projects, folders, and assets.

## Finding projects and assets on the Explore page

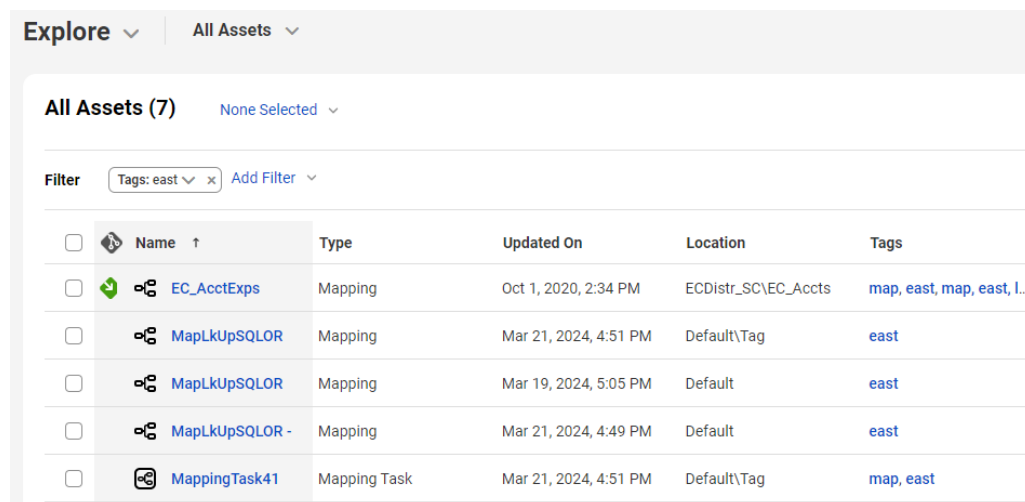
Use any of the following methods to find your projects and assets on the **Explore** page:

- Explore by projects and folders. View all projects or select a particular project.
- Explore by asset types. View all assets or view assets of a particular type.
- Explore by tags. View assets associated with a particular tag.
- Search for projects, folders, or assets. To search for projects, folders, and assets in the organization, view the **Explore** page by **All Projects**, and then enter a name or description in the Find box. Or, view the **Explore** page by **Asset Types** and to narrow your search, select an asset type from the **All Assets** list. Then, in the Find box, enter a name or description in full or part.
- Sort the search results. Sort the **Explore** page by name, asset type, last update date, create date, or description. When you sort by type, the **Explore** page groups assets by asset type. It does not list the asset types in alphabetical order.
- Filter the objects on the page. To filter objects, click the **Filter** icon. To apply a filter, click **Add Filter**, select the property to filter by, and then enter the property value. The filters that are available depend on how you view the page. You can specify multiple filters.






For example, to find all the assets in your organization with the tag SW Region, view the **Explore** page by **All Assets** and then click the **Filter** icon. Add the **Tags** filter and enter "SW Region."

If the result size is large, for example, over 1000 objects, all the objects appear on the **Explore** page but the total number of objects that displays at the top and bottom of the page can be approximate for a minute or so.

**Tip:** Filtering is available on other pages in addition to the **Explore** page. For example, on the **Import Assets** page, you can filter by status to find the assets that imported successfully.



The screenshot shows the 'Explore' page with the 'All Assets' tab selected. A filter is applied for 'Tags: east'. The table lists 7 assets, with the first 5 visible. Each row includes a checkbox, an icon, the asset name, type, update date, location, and tags.

	Name ↑	Type	Updated On	Location	Tags
<input type="checkbox"/>	 EC_AcctExps	Mapping	Oct 1, 2020, 2:34 PM	ECDistr_SC\EC_Accts	map, east, map, east, l...
<input type="checkbox"/>	 MapLkUpSQLOR	Mapping	Mar 21, 2024, 4:51 PM	Default\Tag	east
<input type="checkbox"/>	 MapLkUpSQLOR	Mapping	Mar 19, 2024, 5:05 PM	Default	east
<input type="checkbox"/>	 MapLkUpSQLOR -	Mapping	Mar 21, 2024, 4:49 PM	Default	east
<input type="checkbox"/>	 MappingTask41	Mapping Task	Mar 21, 2024, 4:51 PM	Default\Tag	map, east

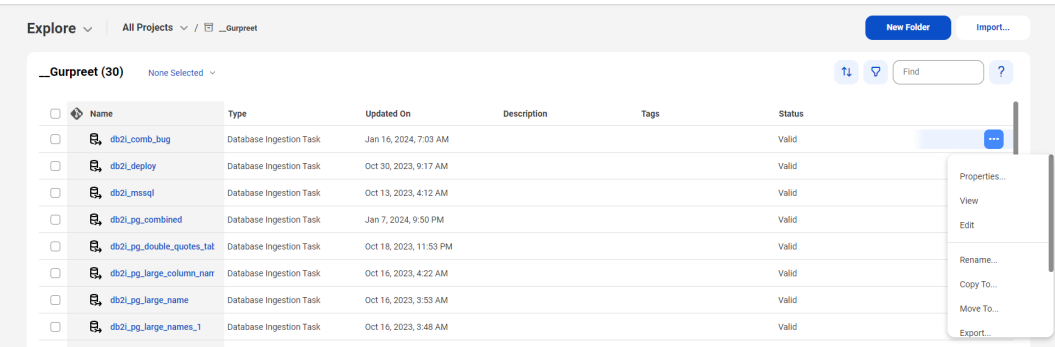
You can see projects, folders, and assets for all of the services that you use. If you select an asset to open it or perform an action, and the asset is created in a different service than the one you have open, the service opens in a new browser tab.

You can't use the following characters:

# ? ' | { } " ^ & [ ] / \

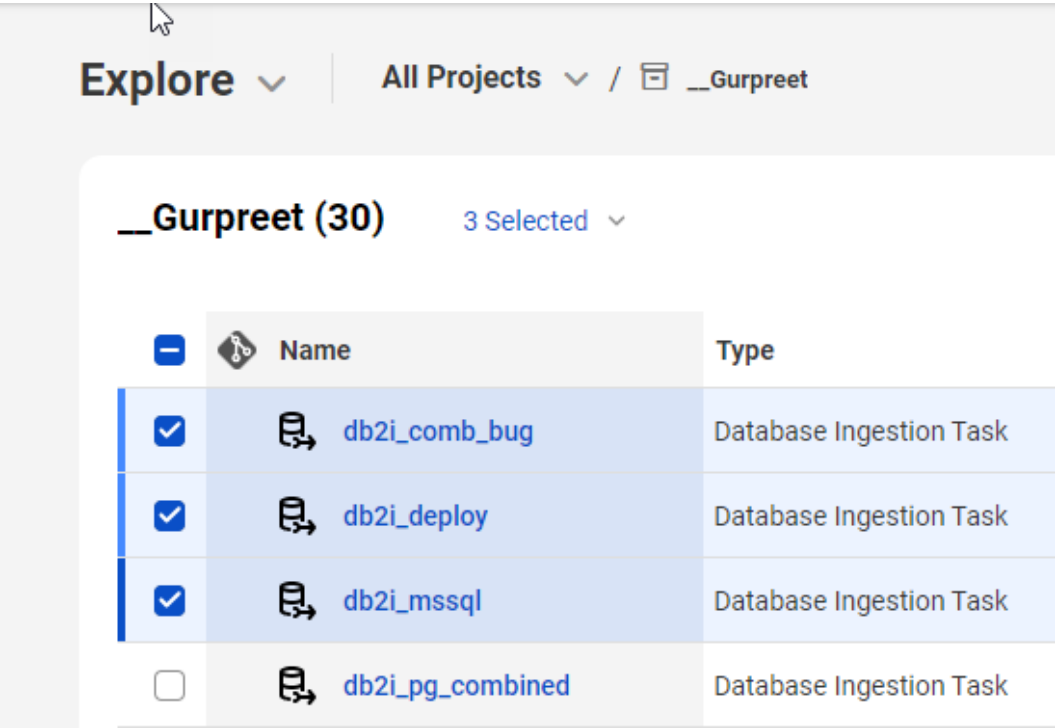
### Working with projects and assets on the Explore page

Perform actions on projects, folders, and assets on the **Explore** page. To see what actions you can perform on an object, in the row that contains the object, click the **Actions** icon, as shown in the following image:



The Actions menu lists the actions you can perform based on your user role privileges and the permissions specified for the selected object. For example, your user role might have privileges to view and run tasks but not to delete tasks. You might not have permission to run a particular task because of the permissions set by the creator of the task.

You can also perform an action on multiple objects at one time. Select the check box to the left of each object, or select the Select All check box to select all of the objects that are displayed on the current page. The following image shows the Select All check box in use:



After you select the objects, click **Actions** in the row of any of the selected objects.

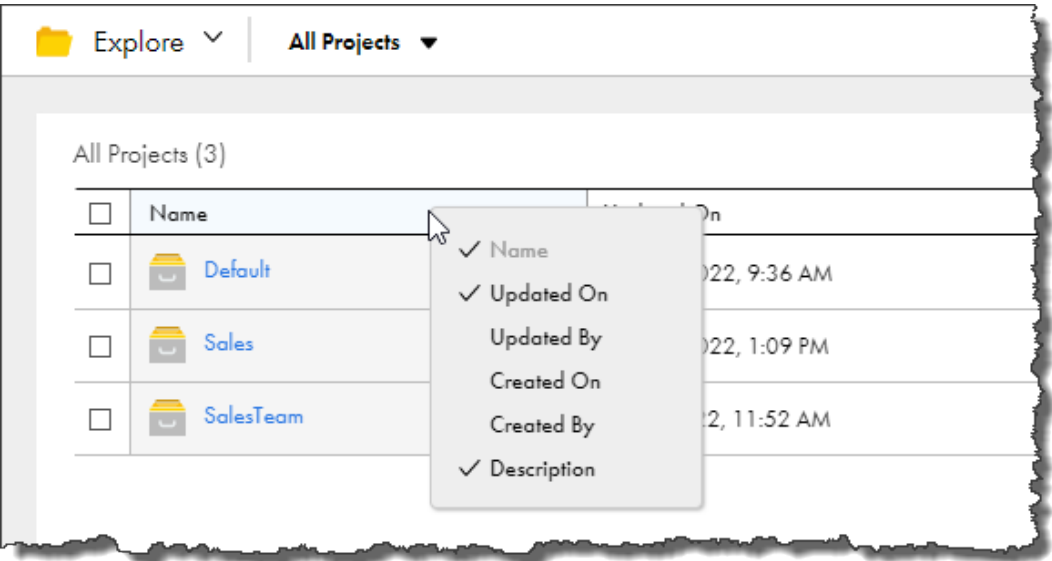
The Actions menu will list the actions available for the selected assets based on your user role and privileges.

Alternatively, you can use the Selection menu to choose the action, as shown in the following image:

Customizing the Explore page

You can display, hide, or rearrange columns on the **Explore** page. To display or hide columns, right-click the column heading area and select or clear the column headings in the list. The headings in the list depend on whether projects, assets, or tags are in view on the **Explore** page.

In the following example, the **Updated By**, **Created On**, and **Created By** columns will be hidden when **All Projects** is selected:



To rearrange columns, click a column heading and drag it to a different location.

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