



Informatica® Mass Ingestion
May 2024

Monitoring Ingestion Jobs

Informatica Mass Ingestion Monitoring Ingestion Jobs
May 2024

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Preface

Read *Monitoring Mass Ingestion Jobs* to find out how you can view and monitor ingestion jobs for the tasks that you deployed or for all tasks that any members of your organization deployed.

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.

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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.

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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>

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

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Data Integration connector documentation

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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.

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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>.

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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

Monitoring Mass Ingestion jobs

You can monitor the progress, performance, and status of ingestion jobs from the Data Integration, Monitor, and Operational Insights services.

You can monitor Mass Ingestion jobs from the following locations:

- The Data Integration unified Home page
- The **My Jobs** page that's accessed from the unified Home page
- Monitor service
- Operational Insights service

Depending on the service that you use and the type of ingestion job, you can view the following monitoring information:

Monitor

Monitor all jobs or all running jobs, including ingestion jobs and Data Integration jobs, on the **All Jobs** and **Running Jobs** pages in Monitor. You can view the following types of information:

- View general job properties such as the instance name, project location, subtasks, start time, end time, and status.
- You can perform some actions on the job depending on the job status and task type from the **Actions** menu at the right end of each job row.
- Drill down on a job to see job details.

Operational Insights

Monitor ingestion jobs that any member of your organization deployed on the **Mass Ingestion** page in Operational Insights. The **Mass Ingestion** page has the following tabs:

- The **Overview** tab includes buttons that you can use to filter the list of ingestion jobs by job type and status. Each button displays a summary count of the jobs that match that filter. There's also an option for showing the jobs that have statuses requiring attention, for example, failed jobs or jobs running with errors or warnings.
- The **All Jobs** tab lists all types of ingestion jobs that any member in your organization created and deployed. To help you find a job, the tab includes **Filter**, **Find**, and **Sort** features. Also, each job row contains an **Actions** menu to perform actions on the job, such as Stop or Redeploy, depending on the job type and status.

Both tabs show general job properties, including the instance name, project location, task type, runtime environment, start time, duration, and status. From either tab, you can click a job name to drill down to see job details.

Data Integration

Monitor the ingestion jobs and data integration jobs for the tasks that you deployed on the Data Integration unified Home page and on the **My Jobs** page that is accessed from the navigation bar on the left-hand side of the Home page. You can view the following types of information:

- The **My Jobs** page lists all of your jobs. You can use the **Filter**, **Find**, and **Sort** features to find the job you need. Use the **Actions** menu at the right end of each job row to perform some actions on the job, depending on the job status and task type. You can click a job name to drill down on a job to see job details.
- On the unified Home page, the **Recent Jobs** panel shows the status of your five most recent jobs. Use this panel to quickly check the job status. Click the job name to drill down to see job details. Click **View All** to go to the **My Jobs** page to see all of your jobs.

Note: Usually, a job name corresponds to the ingestion task name. On the **All Jobs** and **Running Jobs** pages in Monitor, on the **My Jobs** page Data Integration, and the **Recent Jobs** panel in the unified Home page interfaces, the job name has the following format:

`<taskname>-<job_instance_number>`

The number is incremented each time the job is deployed.

Monitoring your ingestion jobs

You can monitor the Mass Ingestion jobs for the tasks that you deployed in the Data Integration, Monitor, and Operational Insights services.

You can monitor Mass Ingestion jobs from the unified Home page in Data Integration in the following locations:

- From the navigation bar on the left-hand side, click **My Jobs** to view all your jobs, including ingestion and integration jobs. This page shows information for each job, such as the instance name, location, start time, end time, rows processed, and status. To drill down details of a specific job, click the instance name and a page for the job appears. The details vary by the type of the ingestion job. To find a job on the **My Jobs** page, use any one of the following methods:

- To *sort* the listed jobs, click a column heading or click the **Sort** icon and select a field to sort by.
- To *find* a job based on the job name, enter the job instance name, or any part of the name, in the **Find** text box.
- To *filter* the list of jobs, click the **Filter** icon. Then, click **Add Filter** and enter filter criteria for one or more of the listed fields.

To change the columns displayed on **My Jobs** page, right-click on the column header row and change the field selections.

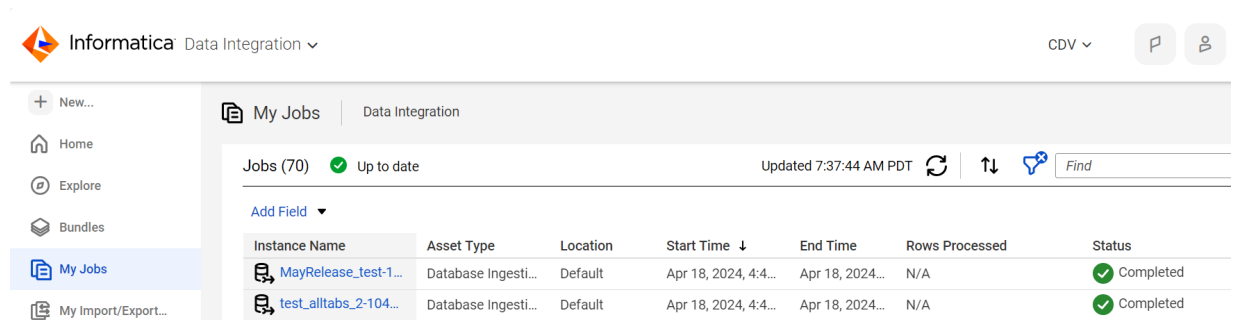
From the **Actions** menu at the right end of each job row, you can perform some actions on the job, depending on the job status and task type.

In the **My Jobs** page, the retention time for undeployed jobs is based on the Job Log Service (JLS) purge policy.

- The **Recent jobs** panel on the unified Home page lists jobs that you recently deployed. You can use this panel to quickly check the job status.

Note: When you deploy an application ingestion task or database ingestion task, the newest job doesn't automatically appear at the top of the jobs list on the **My Jobs** page. You can sort jobs by using the **Start Time** property or use the find and filter features to search for a specific job.

The following image shows a sample **My Jobs** page in Data Integration with database ingestion jobs:



Informatica Data Integration

CDV

My Jobs | Data Integration

Jobs (70) Up to date Updated 7:37:44 AM PDT

Add Field

Instance Name	Asset Type	Location	Start Time ↓	End Time	Rows Processed	Status
MayRelease_test-1...	Database Ingesti...	Default	Apr 18, 2024, 4:4...	Apr 18, 2024...	N/A	Completed
test_alltabs_2-104...	Database Ingesti...	Default	Apr 18, 2024, 4:4...	Apr 18, 2024...	N/A	Completed

Note: The **My Jobs** page displays **N/A** for the Rows Processed, Success Rows, and Failure Rows properties for Mass Ingestion jobs.

You can also navigate to your jobs in the lists of **All Jobs** and **Running Jobs** pages in Monitor and in the **All Jobs** tab on the Mass Ingestion page in Operational Insights.

For descriptions of the columns in Monitor and Operational Insights, see [“Job properties” on page 11](#).

Monitoring all ingestion jobs

You can monitor all Mass Ingestion jobs that were deployed, including application ingestion jobs, database ingestion jobs, file ingestion jobs, and streaming ingestion jobs in the following services:

- Operational Insights
- Monitor

Monitoring ingestion jobs in Operational Insights

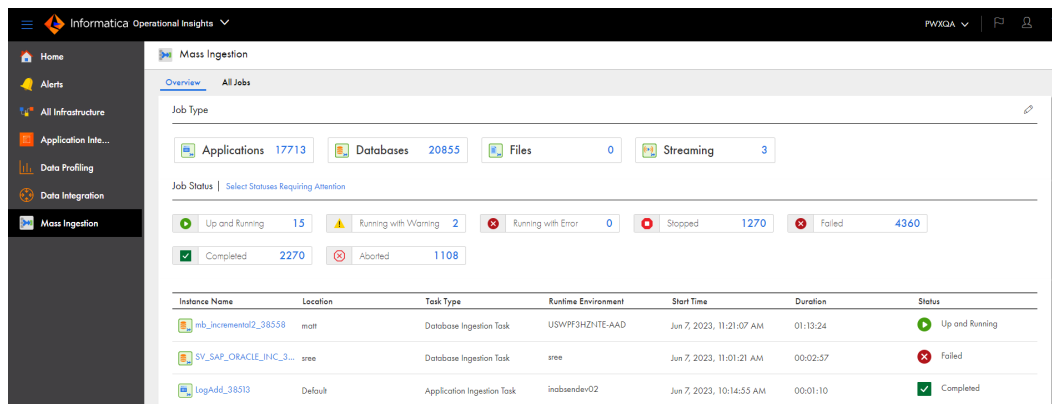
The Operational Insights displays only Mass Ingestion jobs on the Mass Ingestion page.

The **Mass Ingestion** page has the following tabs:

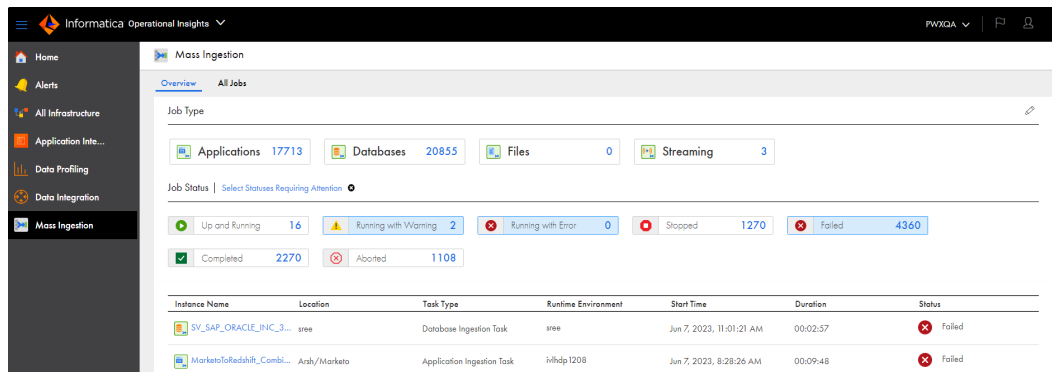
- The **Overview** tab displays buttons that you can use to filter the list of ingestion jobs by job type and status.
- The **All Jobs** tab lists all types of ingestion jobs that any member in your organization created and deployed.

Overview tab

The **Overview** tab Initially lists all types of ingestion jobs with all statuses. Each button shows the number of jobs with that job type or status. For example:



You can use the buttons at the top to filter the jobs by job type and status or click **Select Statuses Requiring Attention** to show only the jobs that have a status of concern. The following example shows the **Overview** tab for all jobs with statuses requiring attention:



To control the status buttons that appear on the **Overview** tab, click the **Edit** (pencil) icon. Then in the **Reorder Job Status** dialog box, select the **Visibility** check box next to each job status for which you want to display buttons and jobs.

To rearrange the order of the job status buttons, click the **Edit** (pencil) icon. Then in the **Reorder Job Status** dialog box, select and drag a job status row up or down.

To *filter* the list of jobs on the **Overview** tab, use in any of the following methods:

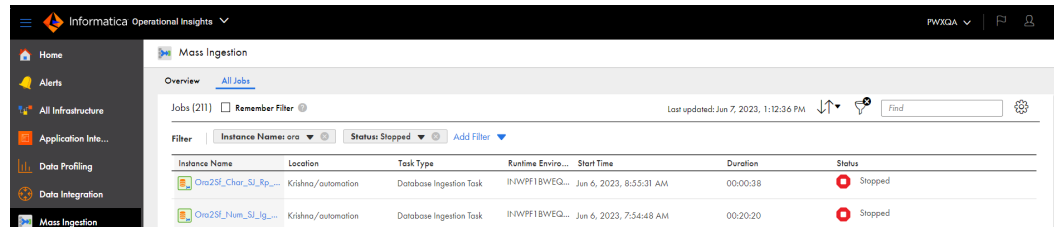
- To see only application ingestion jobs, database ingestion jobs, file ingestion jobs, or streaming ingestion jobs, click the button for a job type. The selected button is highlighted in blue. To see all types of ingestion jobs again, click the selected button again. If you selected status filters for a job type, those filters are also cleared when you deselect the job type.
- To see the jobs that match a particular job status, click a status button. If you want to see jobs of a particular job type and status, first select the job type and then select the status. You cannot select multiple status buttons at the same time on the **Overview** tab. To clear the filter, click the selected status button again.
- To see all jobs with a status that might require your attention, click **Select Statuses Requiring Attention** above the job status buttons. This option lists the application ingestion jobs or database ingestion jobs with the **Failed** or **Running with Warning** status, file ingestion jobs with the **Failed** status, or streaming ingestion jobs with the **Running with Error** or **Running with Warning** status. To clear the filter, click **Select Statuses Requiring Attention** again. If you want to see jobs that require attention for a specific job type, first select the job type and then click **Select Statuses Requiring Attention**.

Note: All filters that you set on the **Overview** tab or in the **Reorder Job Status** dialog box are active only for the current session or until you change them during the session.

All Jobs tab

The **All Jobs** tab lists all Mass Ingestion jobs for your organization. To filter the list, click the *filter* icon. Then click **Add Filter** and enter filter criteria for one or more of the listed fields. From the **Actions** menu for each job, you can perform actions such as Stop, Undeploy, Redeploy, Run, or Resume, depending on the job status.

For example, the following image shows the **All Jobs** tab filtered to show job instances that have names including "ora" and the status of Stopped:



If the list of jobs is long, use any of the following methods to make finding the job easier:

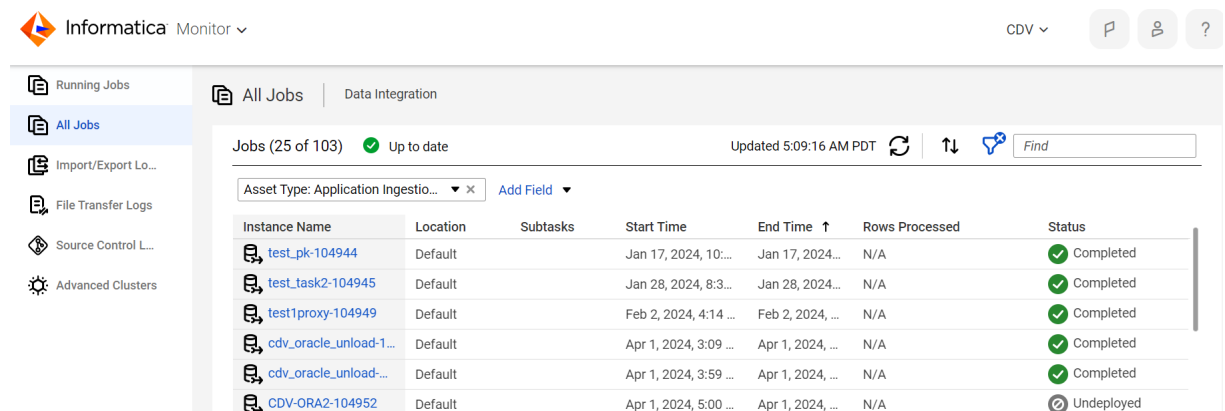
- To **sort** the listed jobs, click a column heading or click the **Sort** up/down arrows icon and select a field to sort by. The default sort order for application ingestion jobs, database ingestion jobs, and streaming ingestion jobs is the time of task deployment, from latest to earliest. The default sort order for file ingestion jobs is the job start time, from latest to earliest.
- To **find** a job based on the job name, enter the job instance name, or any part of the name, in the **Find** text box. With a partial name, the Find operation looks for that particular string anywhere in the instance name. You can include the percent sign (%) wildcard within an instance name search string to represent one or more characters, such as "ing2%798". Do not include the following symbols: question mark (?), number sign (#), or ampersand (&). If you include any of these symbols, the Find operation returns no results.
- To **filter** the list of jobs, click the **Filter** icon. Then click **Add Filter** and enter filter criteria for one or more fields. For the **Instance Name** field, you can enter the full job instance name or part of the name. You can include the percent sign (%) wildcard in the instance name value to represent one or more characters within the name, for example, "vp%test3". Your filter is saved for your user name only, for the current session until you change it. You can save the filter for the subsequent sessions by selecting the **Remember Filter** check box. To clear existing filter criteria, click the **Filter** icon again.

Note: To change the line spacing in the list, click the **Settings** icon to the right of the **Find** box.

Monitoring ingestion jobs in Monitor

The **All Jobs** and **Running Jobs** pages in Monitor shows all jobs and all running jobs, including Mass Ingestion jobs and Data Integration jobs if you are licensed for both.

The following image shows a sample **All Jobs** page in Monitor:



You can monitor all running jobs on the **Running Jobs** page. The **Running Jobs** page lists the jobs that are starting, queued, running, and suspended. To drill down details of a specific job from either **All Jobs** or **Running Jobs**, click the instance name and a page for the job appears.

When you deploy an application or database ingestion task, the newest job doesn't automatically appear at the top of the jobs list on the **All Jobs** page. You can sort jobs by using the **Start Time** property or use the *find* and *filter* features to search for a specific job.

To find a job on the **All Jobs** or **Running Jobs** pages, use any one of the following methods:

- To *sort* the listed jobs, click a column heading or click the **Sort** icon and select a field to sort by.
- To *find* a job based on the job name, enter the job instance name, or any part of the name, in the **Find** text box.
- To change the columns displayed on either pages, right-click on the column header row and change the field selections.
- To *filter* the list of jobs on the **All Jobs** page, click the **Filter** icon. Then, click **Add Filter** and enter filter criteria for one or more of the listed fields.

Use the **Actions** menu at the right end of each job row to perform actions on a job based on the job status and task type. You can also stop a Mass Ingestion job on the **All Jobs** and **Running Jobs** pages using the **Stop** icon beside the **Actions** menu.

In the **All Jobs** page, the retention time for undeployed jobs is based on the Job Log Service (JLS) purge policy.

Note: The **All Jobs** and **Running Jobs** pages display **N/A** for the Rows Processed, Success Rows, and Failure Rows properties for Mass Ingestion jobs.

Job properties

The lists of ingestion jobs on the **All Jobs** and **Running Jobs** pages in Monitor and on the **Mass Ingestion** page in Operational Insights display properties for each job. The properties provide a high-level view of the job status.

The following table describes the job properties in Operational Insights:

Property	Description
Instance Name	The generated name of the job instance in the following format: <taskname>-<job_instance_number> You can click the instance name to view detailed information about the job. Note: If you edit the name of the associated ingestion task, the job name remains the same.
Location	The project or project\subfolder, where the task definition associated with the job exists. For example: Myproject\Oracle Note: This property is blank for any jobs deployed prior to the Fall 2020 releases. If you move a task definition to another folder, the Location value is not updated.
Task Type	The type of ingestion task. This value must be Application Ingestion Task , Database Ingestion Task , File Ingestion Task , or Streaming Ingestion Task .
Runtime Environment	The name of the runtime environment in which the job runs.

Property	Description
Start Time	For application ingestion and database ingestion jobs, the date and time when the job was deployed. For file ingestion jobs, the date and time when the job started. For streaming ingestion jobs, the date and time when the job was deployed.
Duration	For application ingestion and database ingestion jobs, the amount of time that the job has run since it was deployed. For jobs that are in a Completed, Stopped, Failed, or Aborted state, the amount of time between the date and time the job was deployed and when it acquired its current state. For file ingestion jobs, the amount of time that the job has run. For streaming ingestion jobs, the amount of time that the job has been running.
Status	The current status of the job, such as Deploying, Up and Running, or Undeployed. The set of valid statuses vary by type of ingestion task. For more information, see the "Job Overview tab" section in "Application ingestion job details" on page 13 , "Database ingestion job details" on page 20 , "File ingestion job details" on page 27 ("Results" section), or "Streaming ingestion job details" on page 29 .

The following table describes the job properties on the **All Jobs** and **Running Jobs** pages in Monitor and **My Jobs** in Data Integration:

Property	Description
Instance Name	The generated name of the job instance in the following format: <taskname>-<job_instance_number> You can click the instance name to view detailed information about the job. Note: - If you edit the name of the associated ingestion task, the job name remains the same. - The job name contains an underscore (_) instead of a hyphen (-): <taskname>_<job_instance_number>
Location	The project or project\subfolder, where the task definition associated with the job exists. For example: Myproject\Oracle Note: This property is blank for any jobs deployed prior to the Fall 2020 releases. If you move a task definition to another folder, the Location value is not updated.
Subtasks	The number of subtasks on source objects. Note: The application ingestion and database ingestion jobs don't display the subtask count.
Start Time	For application ingestion and database ingestion jobs, the date and time when the job was deployed. For file ingestion jobs, the date and time when the job started. For streaming ingestion jobs, the date and time when the job was deployed.
End Time	For application ingestion and database ingestion jobs, the date and time when the job ended because it completed processing, was stopped, or failed. This field is not displayed for running jobs.

Property	Description
Rows processed	Total number of rows that the job has currently processed. This value includes the number of rows successfully written to the target as well as the number of error rows for each source, target, and transformation in the task. Note: The All Jobs , Running Jobs and My Jobs pages display N/A for the Rows Processed , Success Rows , and Failure Rows properties for Mass Ingestion jobs because Mass Ingestion currently doesn't use these properties.
Status	The current status of the job, such as Deploying, Up and Running, or Undeployed. The set of valid statuses vary by type of ingestion task. For more information, see the "Job Overview tab" section in "Application ingestion job details" on page 13 , "Database ingestion job details" on page 20 , "File ingestion job details" on page 27 ("Results" section), or "Streaming ingestion job details" on page 29 .

Note: To change the columns displayed on **Mass Ingestion**, **My Jobs**, **All Jobs**, and **Running Jobs** pages, right-click on the column header row and change the field selections.

Viewing details for an ingestion job

You can drill down on a specific Mass Ingestion job from any of the following locations:

- The **My Jobs** page that's accessed from the navigation bar in Data Integration Home page
- The **All Jobs** and **Running Jobs** pages in Monitor
- The **Overview** and **All Jobs** tabs on the **Mass Ingestion** page in Operational Insights

To view job details, click the job name in the jobs list. A page for the job appears. The details vary by type of ingestion job.

Application ingestion job details

For application ingestion jobs, you can view job-specific details on the **Task Summary**, **Object Detail**, and **Alerts** panes. To access these panes, drill down on a job from the **My Jobs** page that's accessed from the navigation bar in Data Integration Home page, the **All Jobs** and **Running Jobs** pages in Monitor, or from either tabs on the **Mass Ingestion** page in Operational Insights.

The **Alerts** pane is displayed only for incremental load and combined initial and incremental load jobs.

Note: Clicking the expander arrow next to the pane name expands or collapses the **Task Summary**, **Object Detail**, and **Alerts** panes.

Task Summary

In the **Task Summary** pane, view detailed information for the entire job, including the associated task name, the load type, source and target connection names, current status, number of records read and written, start and end times, and run duration. For incremental load jobs and combined initial and incremental load jobs, you can also download the job log.

- In the *upper right corner*, the **Status** field displays the job status, which can be one of the following values:
 - **Up and Running**. The job is running.

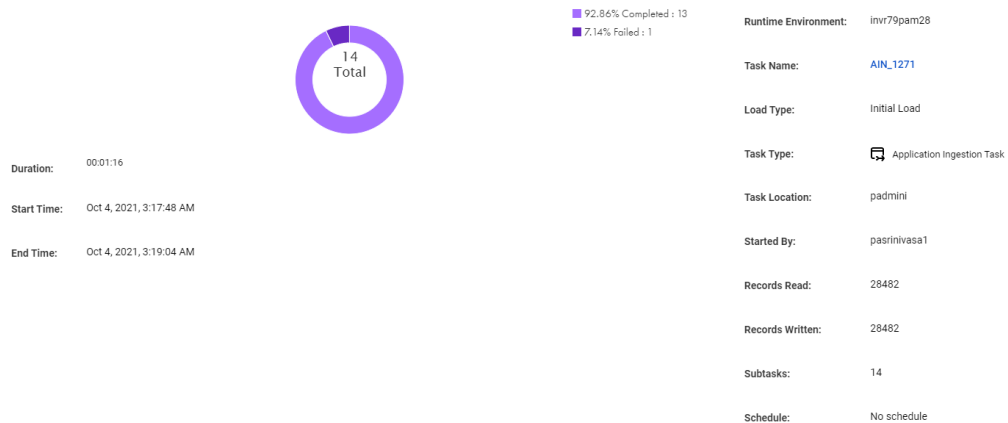
- **Running with Warning.** The job is running with a warning. This state can also occur when one or more table-specific subtasks fail but some subtasks are still running.
 - **On Hold.** The job is in a paused state while the Mass Ingestion Databases (DBMI) agent is being updated.
 - **Stopping.** The job is stopping in response to a Stop request.
 - **Stopped.** The job was intentionally stopped.
 - **Failed.** The job ended abnormally, the task deployment to the job failed, or one or more table-specific subtasks failed. Also, for an initial load job, the job was stopped.
 - **Deploying.** The job is being deployed.
 - **Deployed.** The job has been deployed.
 - **Aborting.** The job is stopping immediately in response to an Abort request.
 - **Aborted.** The job has been aborted.
 - **Undeploying.** The job is being undeployed.
 - **Undeployed.** The job has been undeployed.
 - **Completed.** The job completed successfully.
- The *diagram at the top of the page* displays the source connector type and connection name and the target connector type and connection name. It also shows the calculated data throughput, in rows per second, if the job has successfully replicated data to the target, regardless of the job's current status. If the calculated value is 0, indicating no data has flowed to the target, the throughput is not displayed.
- Also, for incremental load jobs and combined initial and incremental load jobs, you can download the job execution log for the entire job run. In the *Select logs* list under the diagram, select one of the following log types:
- **Complete Log.** The entire log, including all types of messages. It is available for any job that ran, regardless of its state.
 - **Error.** The error log, which includes messages only for errors that occurred. It is available for Failed jobs only. Use this log to determine the reason for the job failure, for example, the deployment failed. If the log file ends with an ellipsis (...), the log has been truncated because of its long length. In this case, download the Complete Log to see all error messages.

Then click the Download icon.

Note: For initial load jobs, you can get the job log for a specific source object from the **Object Detail** tab.

- Under **Overview**, review summary information about the job.
- The circle image displays the number of subtasks on source tables by status. The color of the circle's rim corresponds to the status.

The following image shows a sample **Overview** pane in Monitor:



The following table describes the summary job properties and statistics:

Property	Description
Runtime Environment	The name of the runtime environment that the job uses to run.
Agent Name	<p>For incremental load and combined initial and incremental load jobs, the name of the Secure Agent that the job uses to run.</p> <p>In case of a failover from one Secure Agent to another, Mass Ingestion Applications displays the latest Secure Agent assigned to the job.</p> <p>Note: For initial load jobs, the Agent Name is displayed in the Object Detail pane. For combined initial and incremental load jobs, the Agent Name is displayed both in the Task Summary and the Object Detail panes.</p>
Task Name	The name of the associated ingestion task. You can click the task-name link to view or edit task details in Mass Ingestion, if necessary. If you edit the task, you must redeploy it for the updated task definition to be used for a job.
Load Type	<p>The type of load operation that the job performs. Options are:</p> <ul style="list-style-type: none"> - Initial Load. Loads a snapshot of source data read at a specific point-in-time to a target. - Incremental Load. Loads incremental data changes to a target on a continuous basis, until the job is stopped or ends. - Initial and Incremental Load. Performs an initial load and then automatically switches to an incremental load.
Task Type	The type of task, which is Application Ingestion Task .
Task Location	The project or project folder that contains the ingestion task definition.
Started By	The name of the user who started the job.
Records Read	<p>The number of records that were read from the source.</p> <p>Note: For a combined initial and incremental load job, the Records Read count might be greater than the total number of object-level DML change records written. This behavior occurs because the initial load or resync processing always starts after change data capture has begun. As a result, some change records are included in the Records Read count and then discarded before initial load or resync processing starts. These discarded records cause the Records Write count to be less than the Records Read count.</p>

Property	Description
Records Written	The number of records that were successfully replicated to the target. Note: The Records Written value might be different from the Records Read value if source records are discarded. For example, in a combined initial and incremental load job, change records read from the source before the initial unload phase completes are discarded because they're not yet needed.
Subtasks	The number of subtasks that the application ingestion job used to replicate data from source tables to the target. When a job runs, it uses a separate subtask to process each source table.
Schedule	For initial load jobs, the name of the schedule that is used to run the job or "No schedule" if you run the job manually.
Duration (Lower left corner)	The amount of time, in the hh:mm:ss format, that the job ran before it ended.
Start Time (Lower left corner)	The date and time when the job was deployed.
End Time (Lower left corner)	The date and time when the job ended because it completed processing, was stopped, or failed. This field is not displayed for running jobs

Object Detail

On the **Object Detail** pane lists subtasks on the source tables. You can view statistics and status information by source table from the last run of a application ingestion job. When you click the expander arrow next to an object name, counts of processed inserts, updates, deletes, and LOB changes are shown for the table.

The following image shows a sample **Object Detail** pane:

Object Detail (14)							Find	
Object	Target Object	Agent Name	Records Read	Records Written	Task Duration	Status	Log	
MSD365.annotations	PADMINI.AIN-1271_mrel_a...	N/A	12	12	00:00:29	Completed	Select log	Download
MSD365.appmodules	PADMINI.AIN-1271_mrel_a...	N/A	12	12	00:00:23	Completed	Select log	Download
MSD365.documenttemplatt	PADMINI.AIN-1271_mrel_d	N/A	0	0	00:00:27	Completed	Select log	Download

Note: This pane shows information for the latest job run. This tab is blank for jobs that have not run or are resuming.

The following table describes the **Object Detail** fields that are displayed for each table, depending on the load type and status:

Column	Description
Object	<p>The name of the source table or view for which data was propagated to the target.</p> <p>For an incremental load job or a combined initial and incremental load job, click the arrow icon to the left of the object name to display detailed counts of Inserts, Deletes, Updates, LOBs, and DDL statements processed. For a combined initial and incremental load job, the Unload Count field is also displayed to show the number of records that the initial load portion of processing read from the source. The following usage notes apply to the detailed CDC counts:</p> <ul style="list-style-type: none"> - The counts are only for the current job run. If you stop and restart the job, the counts start over from zero. Do not use these counts to identify the number of rows written to the target. - The counts are based on rows read from the source and do not reflect the records written to the target. Target write operations might be optimized by combining operations and reducing the number of physical writes. In this case, the counts might not match the number of write operations. - The value N/A means that the count value is not applicable for the count type or the value has not yet been calculated. - The Unload Count might not reflect the number of source records at the time the job is started or resynchronized because of a delay in the start of unload processing. Between the time of the unload request and start of unload processing, rows might be added to or deleted from the source table.
Target Object	The name of the target object that is mapped to the source object.
Agent Name	<p>For initial load and combined initial and incremental load jobs, the name of the Secure Agent on which the job was run.</p> <p>For incremental load jobs, the Agent Name is displayed in the Overview section of the Task Summary pane. For combined initial and incremental load jobs, the Agent Name is displayed both in the Task Summary and the Object Detail panes.</p>
Records Read	For an initial load job, the number of records that were read from the source. For other load types, this information is available only at the job-level on the Job Overview tab.
Records Written	<p>For an initial load job, the number of records that were successfully written to the target. For other load types, this information is available only at the job-level on the Job Overview tab.</p> <p>Note: The Records Read value can be greater than the Records Written value if some records read from the source were discarded. For example, in a combined initial and incremental job, any source change records read before the initial unload phase of the job has completed are discarded.</p>
Task Duration	<p>For an initial load job, the amount of time the subtask that processed the source table ran before it completed or was stopped. For other load types, this information is available only at the job-level on the Job Overview tab.</p> <p>When a job runs, it uses a separate subtask to process each source table.</p>

Column	Description
Stage	<p>For a combined initial and incremental load job, this column shows the stage in the transition from initial load processing to CDC processing for the table-specific job subtask. This column does not appear for other load types.</p> <p>The stage can be one of the following values:</p> <ul style="list-style-type: none"> - Not Started. Initial load processing has not yet started for the table, or if an error occurred and the table is in the Error on Retry state, the next attempt to process the table has not yet started. - Started. Initial load processing has started. - Unloading. The subtask is unloading data from the table as part of initial load processing. - Unloaded. The subtask has finished unloading data from the table as part of initial load processing. - Completed. The subtask completed initial load processing of the table. - Normal. The subtask completed initial load processing of the table and has started CDC processing of the table. - Cancelled. Initial load processing was cancelled or stopped. - Error. The subtask detected an error in the source table. <p>Actions menu > Resync</p> <p>For a subtask in a combined initial and incremental load job, if the subtask stage is Normal and the subtask status is any status other than Queued or Starting, the Actions menu is displayed on the right end of the subtask row. From the Actions menu, you can select Resync to resynchronize the source and target objects. For more information, see "Resynchronizing source and target objects" in Mass Ingestion help.</p>

Column	Description
Status	<p>The status of the job subtask for the source object.</p> <p>Note: If the job stops running, the subtask status reflects the status last collected before the job ended. For example, the job might be aborted but the subtask is in a Running status.</p> <p>The state can be one of the following values:</p> <ul style="list-style-type: none"> - Queued. The subtask has not yet started running. - Starting. The subtask is starting. - Started. For a combined initial and incremental load job, the subtask has started. - Running. The subtask is running. - On Hold. The subtask, as well as the job, is in a paused state while the Mass Ingestion Databases (DBMI) agent is being updated. - Completed. The subtask completed processing successfully. - Stopping. The subtask is stopping in response to a Stop request. - Stopped. The subtask has stopped. - Aborting. The subtask is ending immediately in response to an Abort request. - Aborted. The subtask has been aborted. - Failed. The subtask ended unexpectedly. - Error. The subtask is in error and no longer writing data to the target table. For a combined initial and incremental load job, the subtask might be running and processing incremental change data but no data is being sent to the target. - Error on Retry. An error occurred on the last retry of subtask processing, and now the subtask is waiting to retry processing again. <p>Note: If a DDL change occurs on a source table and then you resume the job, the table subtask state might not change as expected until the first DML operation occurs on the source table.</p>
Log	<p>You can download a job execution log for a source object. The type and availability of the log depends on the load type and status. Options are:</p> <ul style="list-style-type: none"> - Complete. The complete log for an object subtask from job execution. This log type is available for a Completed, Failed, or Aborted subtask in an initial load job. - Error. The log that contains error messages. This log type is available only for a Failed or Error subtask in an initial load or incremental load job. - Stage Log. The log that covers the transition from the initial processing phase to the incremental processing phase in a combined initial and incremental load job for a source object. <p>To download a log, click the Download icon.</p> <p>Note: If you undeployed the job, you can download the log for a table only if the associated task has not been deleted.</p> <p>For incremental load jobs, you can get the complete log and error log for the entire job run from the Task Summary pane.</p>

Note: To control the line spacing in the list, click the **Settings** icon next to the *Find* box.

Alerts

The **Alerts** pane appears on the **Mass Ingestion** page in Operational Insights for the selected incremental load or combined initial and incremental load job. On the **Alerts** pane, you can view alert messages that appear for certain events, such as source schema changes, during incremental load or combined initial and incremental load processing.

You can configure alert notifications for application ingestion jobs from the **Alerts > Mass Ingestion Alerts** page in Operational Insights. Operational Insights then sends Mass Ingestion alert notifications to the users and user groups you select, whenever an ingestion job acquires one of the configured statuses or detects a DDL change.

Note: The **Alerts** pane displays alert messages for all detected schema changes even if you set the schema drift options for the associated task to Ignore.

You can filter the list of alerts based on severity or a date range. To specify a date range, enter one of the following types of values in the **Filter** field:

- **Any Time** for all stored alerts.
- **Today** for alerts issued today from midnight to 11:59 pm.
- **Last Week, Last Month, or Last Year** to show alerts from the beginning of last week, month, or year to present.
- **Custom** to specify a custom date range that consists of a beginning date and time and an ending date and time.

The list of alerts includes the following columns:

Column	Description
Level	Severity level of the alert message, such as Critical or Warning.
Code	Alphanumeric code that identifies the alert type followed by the date and time when the event occurred.

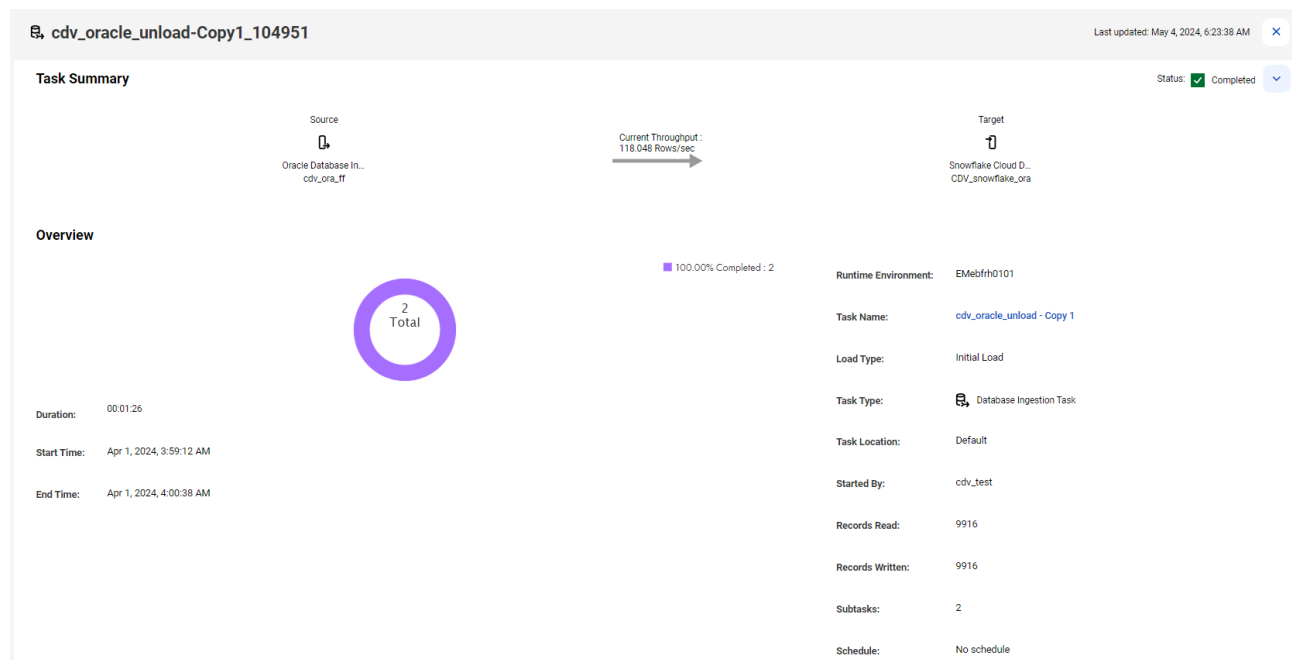
Click the expander arrow to display a description of the event.

Database ingestion job details

For database ingestion jobs, you can view job-specific details in the **Task Summary**, **Object Detail**, and **Alerts** panes. To access these panes, drill down on a job from the **My Jobs** page that's accessed from the navigation bar in Data Integration Home page, the **All Jobs** and **Running Jobs** pages in Monitor, or from either tabs of the **Mass Ingestion** page in Operational Insights.

The **Alerts** pane is displayed only for incremental load and combined initial and incremental load jobs.

The following image displays some of the panes:



Note: Clicking the expander arrow next to the pane name expands or collapses the **Task Summary**, **Object Detail**, and **Alerts** panes.

Task Summary

In the **Task Summary** pane, view detailed information for the entire job, including the associated task name, the load type, source and target connection names, current status, number of records read and written, start and end times, and run duration. For incremental load jobs and combined initial and incremental load jobs, you can also download the job log.

- In the *upper right corner*, the **Status** field displays the job status, which can be one of the following values:
 - **Up and Running**. The job is running.
 - **Running with Warning**. The job is running with a warning. This state can also occur when one or more table-specific subtasks fail but some subtasks are still running.
 - **On Hold**. The job is in a paused state while the Mass Ingestion Databases (DBMI) agent is being updated.
 - **Stopping**. The job is stopping in response to a Stop request.
 - **Stopped**. The job was intentionally stopped.
 - **Failed**. The job ended abnormally, the task deployment to the job failed, or one or more table-specific subtasks failed. Also, for an initial load job, the job was stopped.
 - **Deploying**. The job is being deployed.
 - **Deployed**. The job has been deployed.
 - **Aborting**. The job is stopping immediately in response to an Abort request.
 - **Aborted**. The job has been aborted.
 - **Undeploying**. The job is being undeployed.
 - **Undeployed**. The job has been undeployed.
 - **Completed**. The job completed successfully.

- The *diagram at the top of the page* displays the source connector type and connection name and the target connector type and connection name. It also shows the calculated data throughput, in rows per second, if the job has successfully replicated data to the target, regardless of the job's current status. If the calculated value is 0, indicating no data has flowed to the target, the throughput is not displayed.

Also, for incremental load jobs and combined initial and incremental load jobs, you can download the job execution log for the entire job run. In the *Select logs* list under the diagram, select one of the following log types:

- **Complete Log**. The entire log, including all types of messages. It is available for any job that ran, regardless of its state.
- **Error**. The error log, which includes messages only for errors that occurred. It is available for Failed jobs only. Use this log to determine the reason for the job failure, for example, the deployment failed. If the log file ends with an ellipsis (...), the log has been truncated because of its long length. In this case, download the Complete Log to see all error messages.

Then click the Download icon.

Note: For initial load jobs, you can get the job log for a specific source object from the **Object Detail** tab.

- Under **Overview**, review summary information about the job.

The circle image displays the number of subtasks on source tables by status. The color of the circle's rim corresponds to the status.

The following table describes the summary job properties and statistics:

Property	Description
Runtime Environment	The name of the runtime environment that the job uses to run.
Agent Name	<p>For incremental load and combined initial and incremental load jobs, the name of the Secure Agent that the job uses to run.</p> <p>In case of a failover from one Secure Agent to another, Mass Ingestion Databases displays the latest Secure Agent assigned to the job.</p> <p>Note: For initial load jobs, the Agent Name is displayed in the Object Detail pane. For combined initial and incremental load jobs, the Agent Name is displayed both in the Task Summary and the Object Detail panes.</p>
Task Name	The name of the associated ingestion task. You can click the task-name link to view or edit task details in Mass Ingestion, if necessary. If you edit the task, you must redeploy it for the updated task definition to be used for a job.
Load Type	<p>The type of load operation that the job performs. Options are:</p> <ul style="list-style-type: none"> - Initial Load. Loads a snapshot of source data read at a specific point-in-time to a target. - Incremental Load. Loads incremental data changes to a target on a continuous basis, until the job is stopped or ends. - Initial and Incremental Load. Performs an initial load and then automatically switches to an incremental load.
Task Type	The type of task, which is Database Ingestion Task .
Task Location	The project or project folder that contains the ingestion task definition.
Started By	The name of the user who started the job.
Records Read	<p>The number of records that were read from the source.</p> <p>Note: For a combined initial and incremental load job, the Records Read count might be greater than the total number of object-level DML change records written. This behavior occurs because the initial load or resync processing always starts after change data capture has begun. As a result, some change records are included in the Records Read count and then discarded before initial load or resync processing starts. These discarded records cause the Records Write count to be less than the Records Read count.</p>
Records Written	<p>The number of records that were successfully replicated to the target.</p> <p>Note: The Records Written value might be different from the Records Read value if source records are discarded. For example, in a combined initial and incremental load job, change records read from the source before the initial unload phase completes are discarded because they're not yet needed.</p>
Subtasks	The number of subtasks that the database ingestion job used to replicate data from source tables to the target. When a job runs, it uses a separate subtask to process each source table.
Capture Progress	For incremental load and combined initial and increment load jobs, the date and time in the source change stream to which capture processing has progressed, as shown in the time zone of the user profile.
Schedule	For initial load jobs, the name of the schedule that is used to run the job or "No schedule" if you run the job manually.

Property	Description
Duration (Lower left corner)	The amount of time, in the hh:mm:ss format, that the job ran before it ended.
Start Time (Lower left corner)	The date and time when the job was deployed.
End Time (Lower left corner)	The date and time when the job ended because it completed processing, was stopped, or failed. This field is not displayed for running jobs

Object Detail

On the **Object Detail** pane lists subtasks on the source tables. You can view statistics and status information by source table from the last run of a database ingestion job. When you click the expander arrow next to an object name, counts of processed inserts, updates, deletes, and LOB changes are shown for the table.

The following image shows a sample **Object Detail** pane:

Object	Target Object	Agent Name	Records Read	Records Written	Task Duration	Status	Data Validation	CDV Last Run	Log
SREE_SRC_ALLCHAR...	SREENITHA1.cdv_apri...	EMebfrh0101	5	5	00:00:19	✓ Completed	N/A	N/A	Select log
SREE_SRC_ALLTYPA_8K	SREENITHA1.cdv_apri...	EMebfrh0101	9911	9911	00:01:07	✓ Completed	N/A	N/A	Select log

Note: This pane shows information for the latest job run. This tab is blank for jobs that have not run or are resuming.

The following table describes the **Object Detail** fields that are displayed for each table, depending on the load type and status:

Column	Description
Object	<p>The name of the source table or view for which data was propagated to the target.</p> <p>For an incremental load job or a combined initial and incremental load job, click the arrow icon to the left of the object name to display detailed counts of Inserts, Deletes, Updates, LOBs, and DDL statements processed. For a combined initial and incremental load job, the Unload Count field is also displayed to show the number of records that the initial load portion of processing read from the source. The following usage notes apply to the detailed CDC counts:</p> <ul style="list-style-type: none"> - The counts are only for the current job run. If you stop and restart the job, the counts start over from zero. Do not use these counts to identify the number of rows written to the target. - The counts are based on rows read from the source and do not reflect the records written to the target. Target write operations might be optimized by combining operations and reducing the number of physical writes. In this case, the counts might not match the number of write operations. - The value N/A means that the count value is not applicable for the count type or the value has not yet been calculated. - The Unload Count might not reflect the number of source records at the time the job is started or resynchronized because of a delay in the start of unload processing. Between the time of the unload request and start of unload processing, rows might be added to or deleted from the source table.
Target Object	The name of the target object that is mapped to the source object.

Column	Description
Agent Name	<p>For initial load and combined initial and incremental load jobs, the name of the Secure Agent on which the job was run.</p> <p>For incremental load jobs, the Agent Name is displayed in the Overview section of the Task Summary pane. For combined initial and incremental load jobs, the Agent Name is displayed both in the Task Summary and the Object Detail panes.</p>
Records Read	For an initial load job, the number of records that were read from the source. For other load types, this information is available only at the job-level on the Job Overview tab.
Records Written	<p>For an initial load job, the number of records that were successfully written to the target. For other load types, this information is available only at the job-level on the Job Overview tab.</p> <p>Note: The Records Read value can be greater than the Records Written value if some records read from the source were discarded. For example, in a combined initial and incremental job, any source change records read before the initial unload phase of the job has completed are discarded.</p>
Task Duration	<p>For an initial load job, the amount of time the subtask that processed the source table ran before it completed or was stopped. For other load types, this information is available only at the job-level on the Job Overview tab.</p> <p>When a job runs, it uses a separate subtask to process each source table.</p>
Stage	<p>For a combined initial and incremental load job, this column shows the stage in the transition from initial load processing to CDC processing for the table-specific job subtask. This column does not appear for other load types.</p> <p>The stage can be one of the following values:</p> <ul style="list-style-type: none"> - Not Started. Initial load processing has not yet started for the table, or if an error occurred and the table is in the Error on Retry state, the next attempt to process the table has not yet started. - Started. Initial load processing has started. - Unloading. The subtask is unloading data from the table as part of initial load processing. - Unloaded. The subtask has finished unloading data from the table as part of initial load processing. - Completed. The subtask completed initial load processing of the table. - Normal. The subtask completed initial load processing of the table and has started CDC processing of the table. - Cancelled. Initial load processing was cancelled or stopped. - Error. The subtask detected an error in the source table. <p>Actions menu > Resync</p> <p>For a subtask in a combined initial and incremental load job, if the subtask stage is Normal and the subtask status is any status other than Queued or Starting, the Actions menu is displayed on the right end of the subtask row. From the Actions menu, you can select Resync to resynchronize the source and target objects. For more information, see "Resynchronizing source and target objects" in Mass Ingestion help.</p>

Column	Description
Status	<p>The status of the job subtask for the source object.</p> <p>Note: If the job stops running, the subtask status reflects the status last collected before the job ended. For example, the job might be aborted but the subtask is in a Running status.</p> <p>The state can be one of the following values:</p> <ul style="list-style-type: none"> - Queued. The subtask has not yet started running. - Starting. The subtask is starting. - Started. For a combined initial and incremental load job, the subtask has started. - Running. The subtask is running. - On Hold. The subtask, as well as the job, is in a paused state while the Mass Ingestion Databases (DBMI) agent is being updated. - Completed. The subtask completed processing successfully. - Stopping. The subtask is stopping in response to a Stop request. - Stopped. The subtask has stopped. - Aborting. The subtask is ending immediately in response to an Abort request. - Aborted. The subtask has been aborted. - Failed. The subtask ended unexpectedly. - Error. The subtask is in error and no longer writing data to the target table. For a combined initial and incremental load job, the subtask might be running and processing incremental change data but no data is being sent to the target. - Error on Retry. An error occurred on the last retry of subtask processing, and now the subtask is waiting to retry processing again. <p>Note: If a DDL change occurs on a source table and then you resume the job, the table subtask state might not change as expected until the first DML operation occurs on the source table.</p>
Data Validation	<p>For initial load jobs that have an Oracle or a SQL Server source and a Snowflake target, if the task status is Completed, you can run data validation to compare the source and target data. This column shows the status of the data validation task. This column does not appear for other load types and other source and target combinations, or if the task is in any other status than Completed.</p> <p>From the Actions menu displayed on the right end of the subtask row, you can select Run Data Validation to start the validation task. For more information, see "Running data validation for a database ingestion job" in Mass Ingestion help.</p> <p>The data validation status can be one of the following values:</p> <ul style="list-style-type: none"> - N/A. The data validation has not been run. - Processing. The data validation is running. - Success. The data validation completed successfully. Click on the Success status to see the data validation summary. To download the data validation report, click the Download icon. - Error. An error occurred during the data validation execution. To view the error message, click the Download icon. - Report Pending. The data validation has been requested but the Data Validation service on the Secure Agent that runs the task is down. - DV state No Comparable Data. The source or target table does not contain any data.

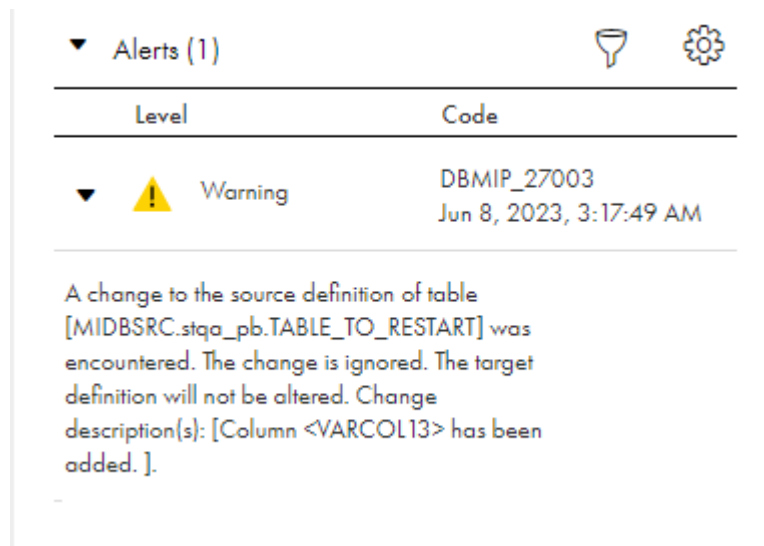
Column	Description
CDV Last Run	<p>If data validation is available for the task, this column shows the date and time when the data validation was last performed for the given subtask. If the data validation has not been run, the field value is N/A.</p> <p>This column appears in initial load jobs that have an Oracle or a SQL Server source and a Snowflake target, only if the task status is Completed.</p>
Log	<p>You can download a job execution log for a source object. The type and availability of the log depends on the load type and status. Options are:</p> <ul style="list-style-type: none"> - Complete. The complete log for an object subtask from job execution. This log type is available for a Completed, Failed, or Aborted subtask in an initial load job. - Error. The log that contains error messages. This log type is available only for a Failed or Error subtask in an initial load or incremental load job. - Stage Log. The log that covers the transition from the initial processing phase to the incremental processing phase in a combined initial and incremental load job for a source object. <p>To download a log, click the Download icon.</p> <p>Note: If you undeployed the job, you can download the log for a table only if the associated task has not been deleted.</p> <p>For incremental load jobs, you can get the complete log and error log for the entire job run from the Task Summary pane.</p>

Note: To control the line spacing in the list, click the **Settings** icon next to the **Find** box.

Alerts

The **Alerts** pane appears on the **Mass Ingestion** page in Operational Insights for the selected incremental load or combined initial and incremental load job. On the **Alerts** pane, you can view alert messages that appear for certain events, such as source schema changes, during incremental load or combined initial and incremental load processing.

The following image shows this pane with an alert example:



You can configure alert notifications for database ingestion jobs from the **Alerts > Mass Ingestion Alerts** page in Operational Insights. Operational Insights then sends Mass Ingestion alert notifications to the users and user groups you select, whenever an ingestion job acquires one of the configured statuses or detects a DDL change.

Note: The **Alerts** pane displays alert messages for all detected schema changes even if you set the schema drift options for the associated task to Ignore.

You can filter the list of alerts based on severity or a date range. To specify a date range, enter one of the following types of values in the **Filter** field:

- **Any Time** for all stored alerts.
- **Today** for alerts issued today from midnight to 11:59 pm.
- **Last Week**, **Last Month**, or **Last Year** to show alerts from the beginning of last week, month, or year to present.
- **Custom** to specify a custom date range that consists of a beginning date and time and an ending date and time.

The list of alerts includes the following columns:

Column	Description
Level	Severity level of the alert message, such as Critical or Warning.
Code	Alphanumeric code that identifies the alert type followed by the date and time when the event occurred.

Click the expander arrow to display a description of the event.

File ingestion job details

The job results for each file ingestion task instance display the status of the job, and success and error statistics.

To view detailed information about a file ingestion task, click the task name on the **My Jobs** page that's accessed from the navigation bar in Data Integration Home page, the **All Jobs** and **Running Jobs** pages in Monitor, or from either tabs of the **Mass Ingestion** page in Operational Insights.

You can download the job. The following image shows the details of a file ingestion job in Operational Insights:

The screenshot displays the 'adigen2_to_https_1SatJun122021094156-124505' job details in the Informatica Operational Insights interface. The left sidebar shows navigation options: Home, Alerts, All Infrastructure, Application Integ..., Data Integration, and Mass Ingestion. The main content area is divided into 'Job Properties' and 'Results'.

Job Properties:

- Task Name: [adigen2_to_https_1SatJun122021094156](#)
- Task Type: File Ingestion Task
- Started By: Riallaxner
- Start Time: Jun 12, 2021, 10:31:16 AM
- End Time: Jun 12, 2021, 10:31:31 AM
- Duration: 00:00:15

Results:

- State: ✔ Success
- Session Log: [Download Session Log](#)
- Success Files: 14
- Error Files: 0
- Duplicate Files: 0
- Error Message: Job completed normally

File Events (14):

Name	File Size(Bytes)	Status	Transfer Type	Start Time	Duration (ms)	Remarks
File7.txt	26	✔ Success	FTPS Upload	Jun 12, 2021, 10:31:30 AM	358	
File6.txt	32	✔ Success	FTPS Upload	Jun 12, 2021, 10:31:30 AM	265	
File7.txt	26	✔ Success	ADLS Download	Jun 12, 2021, 10:31:29 AM	929	
File6.txt	32	✔ Success	ADLS Download	Jun 12, 2021, 10:31:29 AM	928	
File5.txt	35	✔ Success	FTPS Upload	Jun 12, 2021, 10:31:28 AM	297	
File3.txt	45	✔ Success	FTPS Upload	Jun 12, 2021, 10:31:27 AM	305	

Job Properties

The job properties for the file ingestion task instance display general properties about the instance.

The following table describes the job properties:

Property	Description
Task Name	The name of the associated ingestion task. You can click the task-name link to view or edit task details in Mass Ingestion.
Task Type	Task type. In this case, file ingestion task.
Started By	Name of the user or schedule that started the job.
Start Time	Date and time when the job was started.
End Time	Date and time when the job completed or stopped.
Duration	The amount of time the job ran before it completed or was stopped.

Results

The job results for the file ingestion task instance display the status of the job and error statistics.

The job results include the following properties:

Property	Description
State	<p>Job status. A job can have one of the following statuses:</p> <ul style="list-style-type: none">- Running. The job is still running.- Success. The job completed successfully.- Failed. The job did not complete because it encountered errors- Aborted. The job was aborted. <p>Note: When the Secure Agent is unavailable while running a file ingestion job, the job remains in an unresponsive state, and after 200 minutes, its status changes to Aborted.</p>
Session Log	<p>Allows you to download the session log file. By default, Informatica Intelligent Cloud Services stores session logs for 10 runs before it overwrites the logs with the latest runs. If you need the session logs for earlier runs, take a backup of the directory that holds the session log files.</p> <p>Session log files are written to the following directory:</p> <pre><Secure Agent installation directory>/apps/MassIngestionRuntime/data/taskLogs</pre>
Success Files	Number of files that are successfully transferred, downloaded, and uploaded to the target.
Error Files	Number of files that were not transferred to the target.
Duplicate Files	Number of files that were identified as duplicates.
Error Message	Error message, if any, that is associated with the job.

File Events

This section shows the total number of files that the file ingestion task has transferred with information about each file.

The File Events section is updated each time the file ingestion task transfers a file, and the state of the file updates throughout the file transfer process. You can track the progress of a file transfer based on the state of the file.

The File Events section displays the following properties for each file:

Property	Description
Name	The name of the file.
File size	The size of the file in bytes.
Status	<p>The status of the file transfer. A file can have one of the following status:</p> <ul style="list-style-type: none">- Success. The file transfer completed successfully.- Failed. The file transfer did not complete because it encountered errors.- Processing. The file transfer is still running.- Duplicate. The task previously transferred a file with the same name, directory location, and size.- Interrupted. The file transfer is interrupted because of network issues or changed server credentials during the file transfer. Run the file ingestion job to resume the transfer of the interrupted files. <p>Note: The status is applicable when the file ingestion task transfers file from or to the advanced FTP, advanced SFTP, or advanced FTPS sources and targets.</p> <ul style="list-style-type: none">- In Doubt. The previous task instance encountered errors while transferring the file. Applicable for tasks where the source is configured to skip duplicate files.- Quarantined. The task marks any infected file it detects from a source as quarantined. <p>You can monitor the Status property to track the progress of the file transfer of each file.</p>
Transfer Type	<p>The type of file transfer. A file can have one of the following transfer types:</p> <ul style="list-style-type: none">- <code><source_name>Download</code>. The file is downloaded from source. <code><source_name></code> is the name of the source.- <code><target_name>Upload</code>. The file is uploaded to the target. <code><target_name></code> is the name of the target.- Copy from Source. The file ingestion task is performing file processing actions.- Copy to Target. The file is transferred from a local directory to a local directory.
Start time	Date and time when the file transfer started.
Duration	The length of time to transfer the file, in milliseconds.
Remarks	Applies to file events in Failed status. The message includes the reason for failure of the event based on the file transfer type.

Note: When you click the instance name of a file ingestion job on the **My Jobs** page in Data Integration, the job details page appears. When you click the task name from the job details page, it opens in the edit mode.

Streaming ingestion job details

To view detailed information about a streaming ingestion job, click the job name on the **My Jobs** page that's accessed from the navigation bar in Data Integration Home page, the **All Jobs** and **Running Jobs** pages in Monitor, or from either tabs of the **Mass Ingestion** page in Operational Insights.

Overview tab

The **Overview** tab displays general properties of the job. You can download the job log, too.

The following table describes the job overview properties:

Property	Description
Job Name	The name of the job.
Version	The version number of the job.
Task Type	The task type of streaming ingestion task.
Task Location	The project or project folder that contains the streaming ingestion task.
Started By	The name of the user who deployed the job.
Secure Agent	The location where the Secure Agent is running. A warning symbol near the Secure Agent indicates that the Secure Agent is either offline or not reachable.
State	The state of the job. A job can have one of the following states: <ul style="list-style-type: none">- Deploying. The job is being deployed.- Up and Running. The job is running.- Running with Warning. The job is running with warnings.- Running with Error. The job is running with error. If a job continuously runs with warnings for seven minutes or for the time specified in the runtime option, the state of the job changes to Running with Error.- Undeployed. The job is undeployed.- Stopped. The job was intentionally stopped.
Duration	Total time the job ran before it is undeployed. The total time is shown in <code>hh:mm:ss</code> format.
Start Time	The date and time when the job was deployed.
Runtime Environment	Name of the runtime environment that the job uses to run.
Download Log	Level of log that you want to download for a running job. You can download one of the following logs: <ul style="list-style-type: none">- Complete. The entire log, including all types of messages. It is available for any job that ran, regardless of its state.- Latest. Latest version of the log. To download a log to your local system, click the Download icon.

Alert tab

The **Alert** tab displays the alert messages when an event occurs.

The following image shows the **Alert** tab for a streaming ingestion job:

Alert	Time
KafkaToFlatfileTargetWithFormatConverterWithXML_FormatConverter : ConvertRecord[id=6ee4a30e-9ed9-4e00-87bf-d6cc0e0... Show More	Nov 24, 2021, 01:30 AM
KafkaToFlatfileTargetWithFormatConverterWithXML_FormatConverter : ConvertRecord[id=6ee4a30e-9ed9-4e00-87bf-d6cc0e0... Show More	Nov 24, 2021, 01:04 AM
KafkaToFlatfileTargetWithFormatConverterWithXML_FormatConverter : ConvertRecord[id=6ee4a30e-9ed9-4e00-87bf-d6cc0e0... Show More	Nov 24, 2021, 12:55 AM
KafkaToFlatfileTargetWithFormatConverterWithXML_FormatConverter : ConvertRecord[id=6ee4a30e-9ed9-4e00-87bf-d6cc0e0... Show More	Nov 24, 2021, 12:33 AM

The following table describes the job alert properties:

Property	Description
Alert	The messages or a group of messages that the job returns when a deployed job encounters a warning.
Time	The date and time when the event occurred.

Performance tab

The **Performance** tab displays graphs of throughput information for the source and target of the job.

The following table describes the job performance properties:

Property	Description
Total messages	The average number of messages streamed per second.
Total kb	The average kilobits of messages streamed per second.

Past run tab

The **Past Run** tab displays the statistics and status information related to the previous runs of a streaming ingestion job.

The following table describes the past run properties:

Column	Description
Version	The version number of the job.
Start Time	The date and time when the job was deployed.
End Time	The date and time when the job was undeployed.
Duration	Total time the job ran before it is undeployed. The total time is shown in <code>hh:mm:ss</code> format.

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