



# Informatica® Corporation Informatica Operational Insights 2021 Operational Insights Release Notes April 2021

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Read *Operational Insights Release Notes* to learn about new features, fixed limitations, and known limitations in Informatica Operational Insights.

# April 2021 Release Notes

## April 2021 Known Limitations

CR	Description
I0I-10696	<p>When you register or edit domains for the deprecated Informatica 9.6.1 version and test the connection, the error message displayed does not contain useful information:</p> <pre>Test domain configuration failed: RuntimeException: ClassLoader doesn't exist for 9.6.1 domainVersion</pre> <p>Workaround: Operational Insights dropped support for monitoring assets in the domain on Informatica version 9.6.1. You must upgrade the domain to the supported Informatica version 10.x to continue monitoring assets.</p>

## October 2020 Release Notes

There are no fixed or known limitations in this release.

## August 2020 Release Notes

### August Fixed Limitations

CR	Description
I0I-8244	<p>In the alert notifications on the Home page, when you click the link to open an Operation Insights resource, the following error appears:</p> <pre>You do not have sufficient permissions to access this page or this page no longer exists.</pre>
I0I-8169	<p>In the <b>Rows Loaded</b> section on the <b>Home</b> page, the statistics displayed in the tooltip for the total number of rows written do not match with the statistics on the <b>Overview</b> tab of the PowerCenter domain.</p>
I0I-8129	<p>In the <b>Data Integration Stats</b> section on the <b>Home</b> page, when you want to view the statistics for the past 6 months and you click the Cloud Data Integration statistics, the number of rows written is displayed, but when you click <b>View Details</b>, you cannot view the job details for data that is older than a month on the <b>Jobs</b> tab in Data Integration.</p>

## August Known Limitations

CR	Description
IOI-9243	You cannot add a PostgreSQL database in Operational Insights to collect statistics from a 10.4.0 PowerCenter domain that uses PostgreSQL as the PowerCenter repository database.
IOI-8581	Email notifications that alert you about issues in a Data Engineering Integration, Data Quality, or PowerCenter domain, or with a Secure Agent do not display in the time zone that you set in the user profile.

## August Third-Party Limitations

CR	Description
IOI-8439	The Domain Configuration Collector fails to collect the statistics from an Informatica 10.4.0 domain that is enabled with TLS.
ICAI-17174	When you use Operational Insights to view analytics for Application Integration assets, the panels that show a cumulative count for the first date of the current month incorrectly include the value carried forward from the last date of the previous month. Influx ticket reference number: 44972

## April 2020 Release Notes

### April Known Limitations

CR	Description
IOI-8244	In the alert notifications on the Home page, when you click the link to open an Operation Insights resource, the following error appears: You do not have sufficient permissions to access this page or this page no longer exists. Workaround: Navigate to the object using the navigation bar.
IOI-8129	In the <b>Data Integration Stats</b> section on the <b>Home</b> page, when you want to view the statistics for the past 6 weeks and you click the Cloud Data Integration statistics, the number of rows written is displayed, but when you click <b>View Details</b> , you cannot view the job details for data that is older than a month on the <b>Jobs</b> tab in Data Integration.
IOI-8169	In the <b>Rows Loaded</b> section on the <b>Home</b> page, the statistics displayed in the tooltip for the total number of rows written does not match with the statistics on the <b>Overview</b> tab of the PowerCenter domain. Workaround: See the dashboard on the <b>Overview</b> tab of the PowerCenter domain for the correct statistics on the total number of rows written.

## April Third-Party Limitations

CR	Description
ICAI-17174	When you use Operational Insights to view analytics for Application Integration assets, the panels that show a cumulative count for the first date of the current month incorrectly include the value carried forward from the last date of the previous month. Influx ticket reference number: 44972

## September 2019 Release Notes

### September New Features

The following new features are available in the September release.

[OpsInsightsDataCollector and AutoScale services are merged into the OI DataCollector service](#)

Effective in the September release, the OpsInsightsDataCollector and AutoScale services are merged into the OI DataCollector service.

### September Fixed Limitations

CR	Description
IOI-6625	You cannot modify the registration details for a domain, even though you are assigned the "domain infrastructure modify" privilege.

## July 2019 Release Notes

### July New Features

The following new features are available in the July release.

[Role-based access](#)

Effective in the July release, administrators can use the Administrator service to assign roles to Operational Insights users. A role is a collection of privileges that determine what a user can do or view in the application.

[New infrastructure home page](#)

Effective in the July release, you can view the Home page to assess overall usage and health of your Informatica assets, including Secure Agents, domains, and services. The Home page includes a map that you can use to organize Secure Agents and domains by location.

### [Informatica Intelligent Cloud Services monitoring](#)

Effective in the July release, you can monitor Informatica Intelligent Cloud Services used by your organization. In the current release, you can view detailed job run analytics for the Cloud Data Integration service.

### [Runtime environment monitoring](#)

Effective in the July release, you can view status and analytics for Secure Agents, Secure Agent services, and jobs running in a runtime environment.

### [Secure Agent monitoring](#)

Effective in the July release, you can view status and analytics for a Secure Agent, and the Secure Agent services running on it.

## June 2019 Release Notes

### June New Features

The following new features are available in the June release.

#### [View PowerCenter anomalous job run details](#)

Effective in the June release, Operational Insights analyzes elapsed run times, data processed and loaded, and rows processed and loaded for PowerCenter workflows each day, and alerts you when anomalies are detected for specific workflow instances.

#### [Custom alert scripts](#)

Effective in the June release, you can create scripts that Operational Insights executes to perform additional tasks when an alert is triggered, as creating a support ticket, restarting a domain service, or taking a snapshot of CPU statistics.

## May 2019 Release Notes

### May New Features

The following new features are available in the May release.

#### [View job run task details in the resource utilization heat map table](#)

Effective in the May release, you can click a PowerCenter Run Id in the resource utilization heat map table to view the job run task details.

# April 2019 Release Notes

## April New Features

The following new features are available in the April release.

### [Big Data collector support for clusters secured using Kerberos authentication](#)

Effective in the April release, you can configure a Secure Agent used by a Big Data collector to collect analytics from a cluster secured using Kerberos authentication.

### [Firewall configuration changes](#)

Effective in the April release, if your organization uses a protective firewall, you must include a new set IP address ranges in the list of approved IP addresses to enable communications between Operational Insights and your Informatica domains.

## April Known Limitations

CR	Description
IOI-5410	Uploading of data from a Secure Agent to Informatica Intelligent Cloud Services fails when the IP addresses for Amazon Virtual Private Cloud (VPC) endpoints used by Operational Insights change simultaneously. Uploading of data succeeds after the updated IP addresses resolve. Any data that failed to be uploaded will be uploaded during subsequent collections.

# March 2019 Release Notes

## March New Features

The following new features are available in the March release.

### [Register and Monitor Data Quality Domains](#)

Effective in the March release, you can register Data Quality domains with Operational Insights. After you register a domain, you can view domain analytics, job analytics, and resource consumption metrics for the domain.

## March Known Limitations

CR	Description
IOI-5017	You cannot include i18n characters in the display name for a domain.

# February 2019 Release Notes

## February New Features

The following new features are available in the February release.

### Anomalous Workflow Run Behavior Detection

Effective in the February release, Operational Insights leverages the CLAIRE engine, which employs statistical and machine learning approaches to detect data outliers and anomalies, to notify you about abnormal PowerCenter workflow run behavior.

### PowerCenter Domain Analytics Updates

Effective in the February release, the PowerCenter domain analytics pages are modified to display similar data to the Big Data domain analytics pages.

# January 2019 Release Notes

## January New Features

The following new features are available in the January release.

### PowerCenter Workflow Analytics

Effective in the January release, the PowerCenter workflow analytics pages are modified to display similar data to the Big Data jobs analytics pages. The Summary and List workflow analytics pages are available from a new Jobs menu item for the selected PowerCenter domain.

## January Known Limitations

CR	Description
I0I-4740	When data collection for a Secure Agent fails, the application incorrectly generates a "Secure Agent is unavailable for a duration of 15 minutes" alert.

# December 2018 Release Notes

## December New Features

The following new features are available in the December release.

### Domain Environment Type

Effective in the December release, you can specify the domain type as Production, Development, QA, or Staging when you register a domain.

## Enhanced Domain Analytics

Effective in the December release, you can view bar charts displaying the top domains in terms of data processed and total job instances during a specific time period on the enterprise-level Analytics page. You can view data based on data volume or on rows moved. You can also choose to restrict chart data to Big Data domains or PowerCenter domains.

## Enhanced Workflow Analytics

Effective in the December release, additional columns are added to tables containing workflow analytics. The Workflow Summary, Workflow Instance Details, and Task Instances tables contain data average data processed, rows written to a target, and source and target rows rejected for workflow instances run in a selected PowerCenter domain. The Workflow Instance Details table also displays the username of the user who ran each workflow or task.

Columns added for Big Data domains:

- The table on the Jobs Summary Page include Avg. Rows Written and Avg. Data Written columns.
- The table in the Job History page includes Data Written, Rows Written, and User Name columns.
- The table in the Jobs List page includes Data Written, Rows Written, and User Name columns.

Columns added for PowerCenter domains:

- The table in the Workflow Trends page includes Avg. Data Processed, Avg. Rows Written, Avg. Data Written, Avg. Source Rejected Rows and Avg. Target Rejected Rows columns.
- The table in the Workflow Instance Details page includes Avg. Data Processed, Rows Written, Data Written, Source Rejected Rows, Target Rejected Rows, and User Name columns.
- The table in the Task Instance page includes Rows Written, Data Written, Source Rejected Rows, and Target Rejected Rows columns.

## December Known Limitations

CR	Description
I0I-4249	When you click a View Logs link in the Collection History dialog box for a collector, the dialog box displays a "No data available" error.
I0I-4268	The "running occurrences" count displayed when you mouse over a tile in the heat map graph does not match the corresponding count in the table below. The count displayed in the tooltip when you mouse over a tile includes workflows running in the four-hour time period represented by the tile. The count displayed in the table includes only those workflows that have at least one session task running in the four-hour period.
I0I-4272	When a domain or application service is unresponsive due to a network connectivity issue, or does not respond immediately to data collection requests, the application incorrectly shows the domain as unavailable, and generates a corresponding alert notification.
I0I-4276	When workflows in a selected tile in the heat map graph do not have a single session task instance running within the four-hour time period, the table displays a "No data available" message.

CR	Description
IOI-4422	When a workflow in a selected tile in the heat map graph is running, the Rows Read and Rows Written columns in the table below contain "N/A" as the value. When the workflow completes, the Rows Read and Rows Written columns contain data.
IOI-4518	The application incorrectly generates a "Secure Agent is unavailable for a duration of 15 minutes" alert in the following situations: <ul style="list-style-type: none"> <li>- Data collection for a Secure Agent fails.</li> <li>- A Secure Agent is registered for the first time.</li> </ul>

## November 2018 Release Notes

### November New Features

The following new features are available in the November release.

#### Collector alert notifications

Effective in the November release, you can configure Operational Insights to send email notifications when a collector is unavailable for three consecutive collection cycles.

#### Heat map graph

Effective in the November release, you can find specific jobs and sort columns in the table below the heat map graph on the Resource Utilization page.

#### Download graphs

Effective in the November release, you can download the following graphs to a PDF file:

- Enterprise-level Data Volume Stats
- Big Data Data Trend
- Big Data Domain Resource Utilization
- PowerCenter Domain Resource Utilization
- Heap Map

## October 2018 Release Notes

### October New Features

The following new features are available in the October release.

#### Email alert notifications

Effective in the October release, you can configure Operational Insights to send email notifications when an issue occurs within a domain or with a Secure Agent.

**Note:** The alert feature is provided as a preview, and is subject to change in a future release.

## Export workflow statistics reports

Effective in the October release, you can export analytics data for Big Data jobs and PowerCenter workflows to a comma separated value (.csv) file.

You can download the following Big Data job analytics tables:

- The Unique Jobs table on the Jobs Summary page.
- The Job Instances table on the Job History page.
- The Jobs table on the Jobs List page.

You can download the following PowerCenter workflow analytics tables:

- The Workflows Summary table on the domain-level Workflow Summary page.
- The Workflow Instances table on the Workflow Instance Details page.
- The Task Details table for a selected workflow.
- The Jobs table on the Resource Utilization Heat Map page.

## Heat map graph

Effective in the October release, you can use a heat map graph to quickly identify resource contention issues caused by too many workflows running within the same time period in a PowerCenter domain.

## October Known Limitations

CR	Description
IOI-4040	If the values in the CPU Seconds and Memory (MB) columns in the heat map equal 0 for a given workflow, then the values in the Read Throughput and Write Throughput columns also equal 0.
IOI-4081	When a workflow task instance spans multiple 4-hour time periods, CPU and memory usage statistics in the heat map are reflected in the time period during which the task ended.
IOI-4103	If the master gateway node for a domain is unavailable, and another node becomes the master gateway node, a "Domain is unavailable" alert notification is sent instead of a "Domain node is unavailable" notification.

## September 2018 Release Notes

### September New Features

The following new features are available in the September release.

#### Support for Microsoft Azure HDInsight clusters

Effective in the September release, you can view resource consumption statistics and job run analytics collected from Microsoft Azure HDInsight clusters.

## New analytics for Big Data jobs

Effective in the September release, you can view the following job run statistics columns for Big Data domains:

- vCore-sec and MB-sec columns in the job list and job details page.
- Rows Read column in the job list and job details page.
- Rows Read and Rows Written columns in the workflow instances page and the task instance dialog box.

# August 2018 Release Notes

## August New Features

The following new features are available in the August release.

### Job Detail Charts

Effective in the August release, you can view charts showing elapsed run time, amount of data processed, the amount of data read from source rows read, and the amount of data written to target rows for individual jobs on the Job Summary page.

### Support for Additional Job Types

Effective in the August release, you can view data for Hive, Spark, and Native jobs run on clusters.

### Support for Hortonworks HDP Clusters

Effective in the August release, you can view resource consumption statistics for Hortonworks HDP clusters.

### On-Demand Data Collection

Effective in the August release, you can trigger an on-demand data collection for any collector configured for a domain.

## August Known Limitations

CR	Description
I0I-2905	Data collection by the Domain Configuration Collector fails if you specify the IP address of the master gateway node machine as the value for the Master Gateway Host property in the Domain Connection configuration. To resolve this issue, specify the short name of the host machine as the property value.

# July 2018 Release Notes

## July New Features

The following new features are available in the July release.

### Big Data Domain Monitoring and Analytics

Effective in the July release, you can monitor Big Data domains within your enterprise. Big Data monitoring features include:

- Performance analytics, including job execution statistics and data processing trends.
- Resource consumption data for Informatica domain nodes, Data Integration Services, and Hadoop clusters used to execute Big Data jobs.
- Job metrics, including detailed information on each individual job instance run within the domain.

## July Fixed Limitations

CR	Description
IOI-1750	When you select Last Week or Last Month from the Domain Resource Utilization menu, the graph continues to display data for the last 24 hours.
IOI-2978	When you view the resource utilization graphs for a PowerCenter Integration Service that runs on a worker node, the graph does not contain any data.
IOI-3195	When you view the Memory and CPU resource utilization graphs for a Secure Agent, the display of the statistics is distorted. When you zoom in on or reset the graph, the graph displays the wrong date.
IOI-3343	When you view resource usage statistics for nodes in a PowerCenter grid, the graph only shows data for Informatica processes running on the nodes.

## July Known Limitations

CR	Description
IOI-3360	<p>Operational Insights fails to collect Cluster Resource Utilization statistics from clusters to which Data Integration Services instances push Spark jobs.</p> <p>To resolve this issue, use the Administrator tool to add the following custom properties to each Data Integration Service that pushes Spark jobs to a cluster:</p> <ul style="list-style-type: none"><li>- Property: <code>ExecutionContextOptions.SparkMonitoringEnable</code> Value: <code>true</code></li><li>- Property: <code>ExecutionContextOptions.SparkMonitoringEnableStage</code> Value: <code>true</code></li></ul>

# June 2018 Release Notes

## June New Features

The following new features are available in the June release.

### Secure Agent Monitoring

Effective in the June release, you can view the status of each Secure Agent used by your organization, as well as the status of the services that use the Secure Agent. You can also view the average memory consumption and CPU usage for all processes that use the Secure Agent so that you can take action before a Secure Agent runs out of memory or disk space.

## June Fixed Limitations

CR	Description
IOI-2418	When you unregister a domain, you cannot register the domain again under the same display name.
IOI-2836	When you configure auto-scaling, you can specify the name of a single PowerCenter Integration Service associated with the grid.

## June Known Limitations

CR	Description
IOI-3194	If you unregister a domain, and then assign the same display name to a different domain, Operational Insights displays the domain analytics and monitoring statistics for the unregistered domain.
IOI-3195	When you zoom in and reset the resource utilization graph on the Secure Agent monitoring page, the resource utilization graph display is distorted.

# April 2018 Release Notes

## April Fixed Limitations

CR	Description
IOI-2997	Recommendations are not generated when you configure Operational Insights for multiple organizations.
IOI-2993	The following error might occur when auto-scaling nodes in a grid: ODataServerErrorException: HTTP/1.0 503 Service Unavailable

CR	Description
I0I-2991	Auto-scaling fails if the Secure Agent used by a domain runs on SUSE Linux Enterprise Server 11.
I0I-2984	If you register a domain with the same display name in two different organizations, registration fails with the following error: Schedule with same name already exists.

## April Known Limitations

CR	Description
I0I-2998	The error count in the Recommendation cards generated for a domain is incorrect.
I0I-2972	If the test fails when you click the <b>Test Connection</b> button when registering a secure TLS-enabled domain, the error message displayed does not contain helpful information.
I0I-2995	When you click the Error Count in a Recommendation card, the workflow instance details might not be displayed.

## Informatica Global Customer Support

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

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<https://www.informatica.com/services-and-training/customer-success-services/contact-us.html>.

To find online support resources on the Informatica Network, visit <https://network.informatica.com> and select the eSupport option.