

Informatica CDI Operational Insights

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Product Management

Housekeeping Tips



- Today's Webinar is scheduled for **1 hour**
- The session will include a webcast and then your questions will be answered live at the end of the presentation
- All dial-in participants will be muted to enable the speakers to present without interruption
- Questions can be submitted to "All Panelists" via the **Q&A option** and we will respond at the end of the presentation
- The webinar is **being recorded** and will be available to view on our **INFASupport YouTube channel** and **Success Portal**. The link will be emailed as well.
- Please take time to complete the **post-webinar survey** and provide your feedback and suggestions for upcoming topics.

Feature Rich Success Portal



Bootstrap trial and
POC Customers



Enriched Customer
Onboarding
experience



Product Learning
Paths and Weekly
Expert Sessions



Informatica
Concierge with
Chatbot integrations



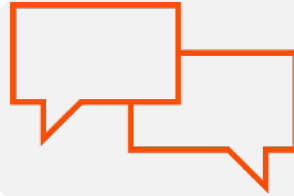
Tailored training and
content
recommendations

More Information



Success Portal

<https://success.informatica.com>



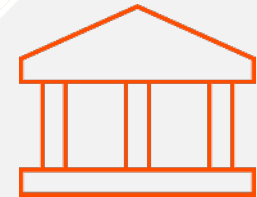
Communities & Support

<https://network.informatica.com>



Documentation

<https://docs.informatica.com>



University

<https://www.informatica.com/in/services-and-training/informatica-university.html>

Safe Harbor

The information being provided today is for informational purposes only. The development, release, and timing of any Informatica product or functionality described today remain at the sole discretion of Informatica and should not be relied upon in making a purchasing decision.

Statements made today are based on currently available information, which is subject to change. Such statements should not be relied upon as a representation, warranty or commitment to deliver specific products or functionality in the future.

Agenda – CDI Operational Insights

1

Introduction to CDI
Operational Insights

2

Monitoring , Heat maps

3

R35 highlights –
Scheduled Jobs,
Alerting

4

Demo



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Informatica Intelligent Cloud Services



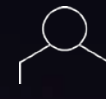
ANY TECHNOLOGY



ANY LATENCY



ANY DATA



ANY USER



MULTI-CLOUD

METADATA
MANAGEMENT



ENTERPRISE DATA CATALOG

DATA
INTEGRATION



CLOUD DATA INTEGRATION

DATA QUALITY



CLOUD DATA QUALITY

CLAIRE™

MONITOR AND MANAGE

DATA ENGINE

CONNECTIVITY

CLOUD-NATIVE, MICROSERVICES-BASED, API-DRIVEN ARCHITECTURE



ORACLE



teradata.



kubernetes



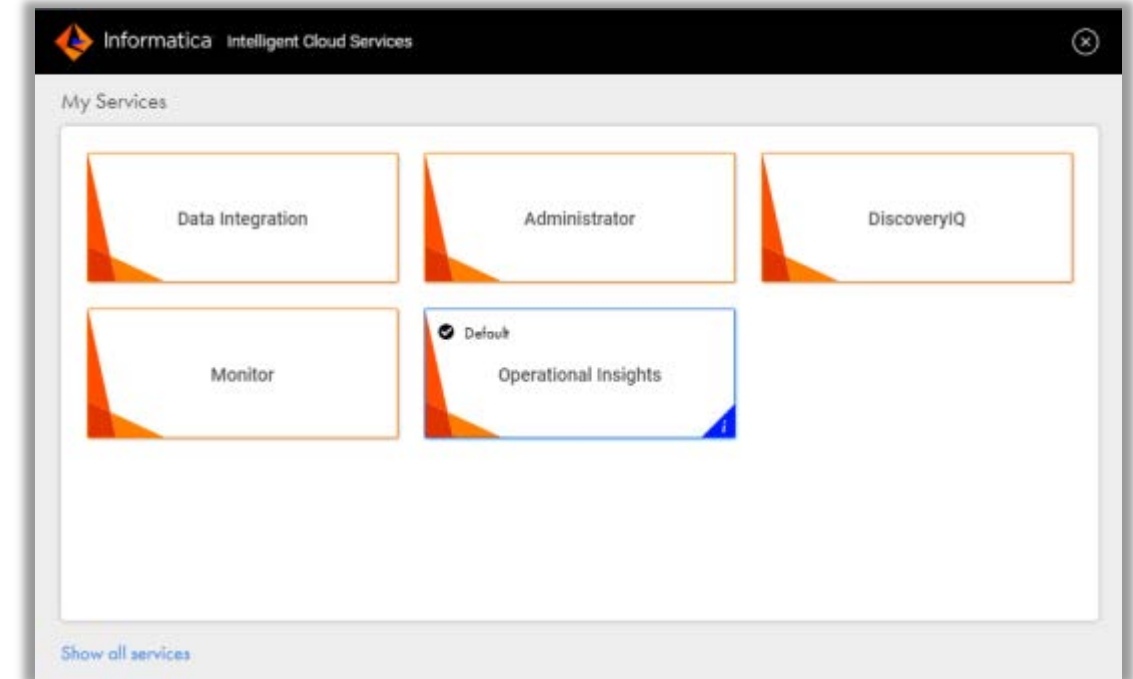
Microsoft Azure

CLouDERA

Informatica Intelligent Data Platform - Monitoring

Operational Insights

- Single monitoring environment for the Informatica platform
 - For all products Cloud and on premises
 - Delivered as a Cloud Service
 - Operational Analytics
 - Health Monitoring
 - Recommendations
 - Auto-scale
- Integrated dashboard across on-premises products and cloud services

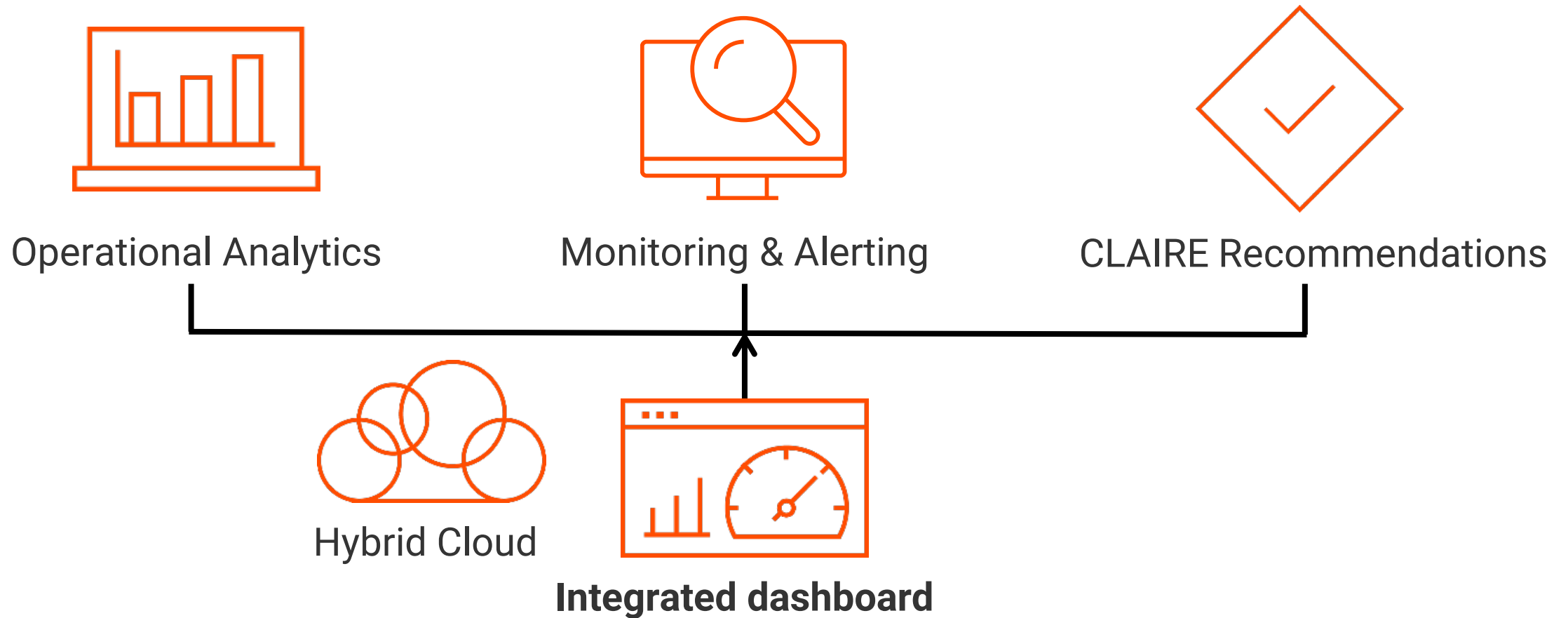


Goal: “Increase operational efficiency using Integrated Health Monitoring, Predictive Analytics, and Actionable Recommendations”

Operational Insights

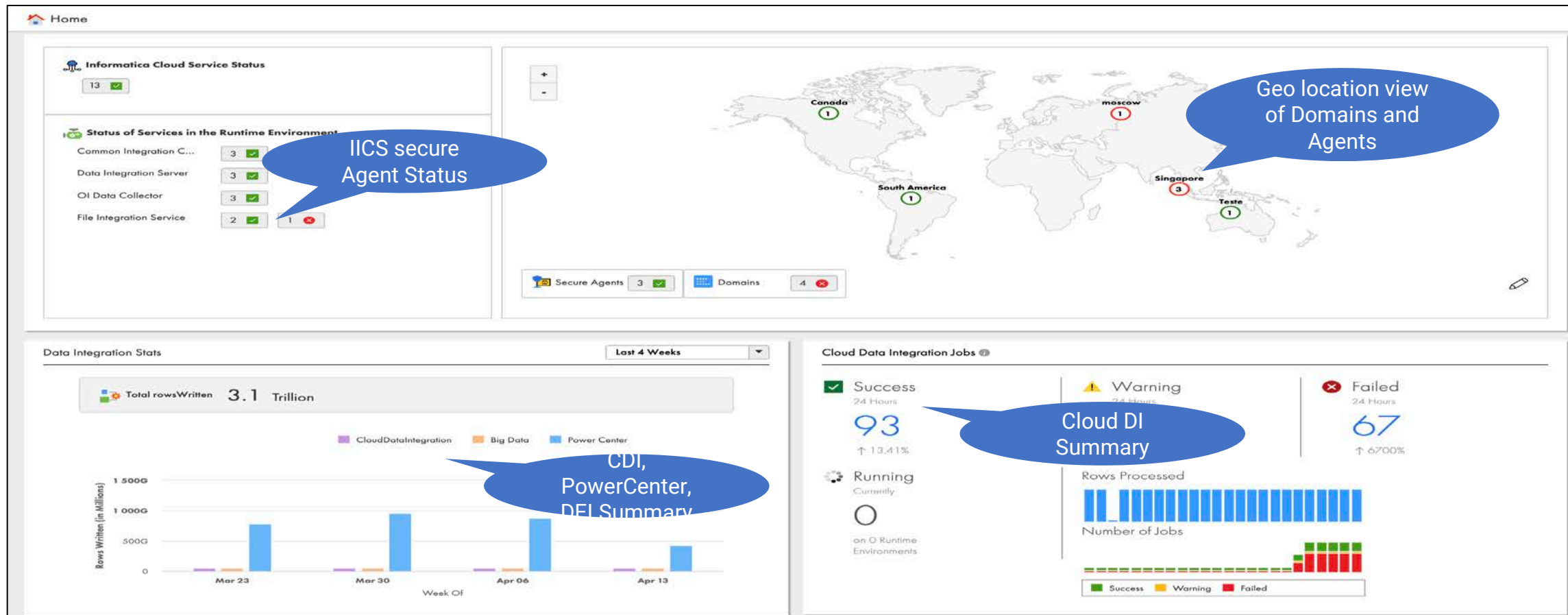
Operational Insights

Operational Insights – Functionality



Operational Insights

Home Screen – Integrated Hybrid View



Operational Insights

Analytics on Job run statistics for all Integration Products

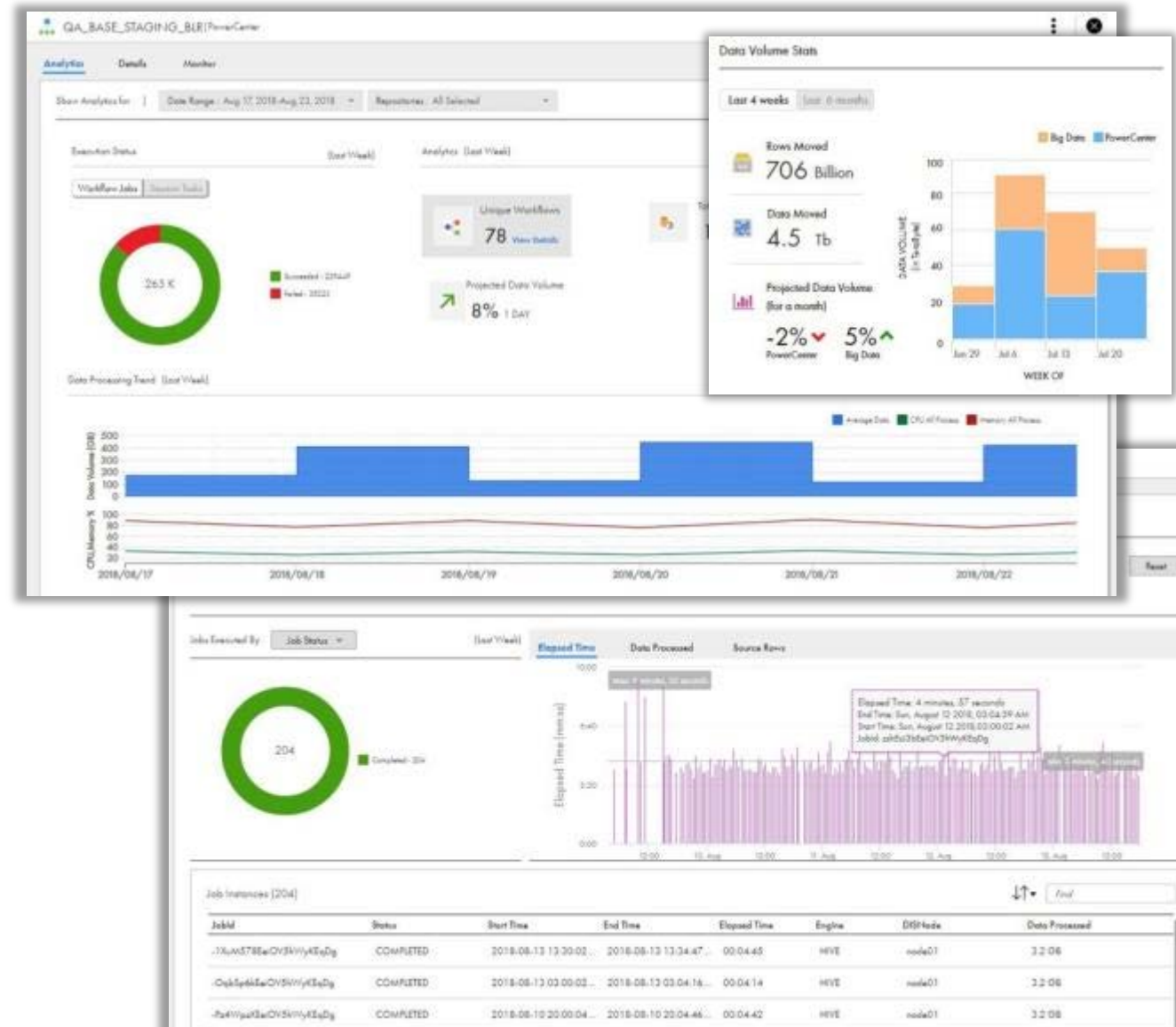
Assess existing project **utilization**

Trends of data volume processing and resource utilization

Proactive **capacity** planning

Projections on data volume growth

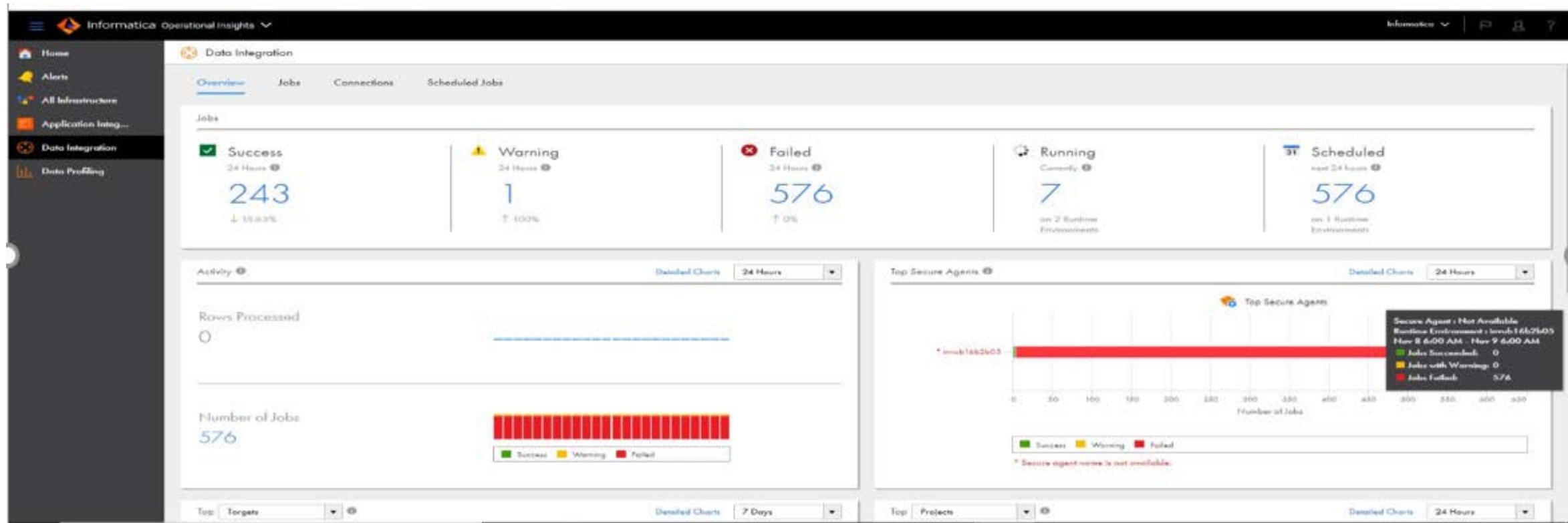
Troubleshoot functional and performance issues with Job runs



CDI Operational Insights

Operational Insights

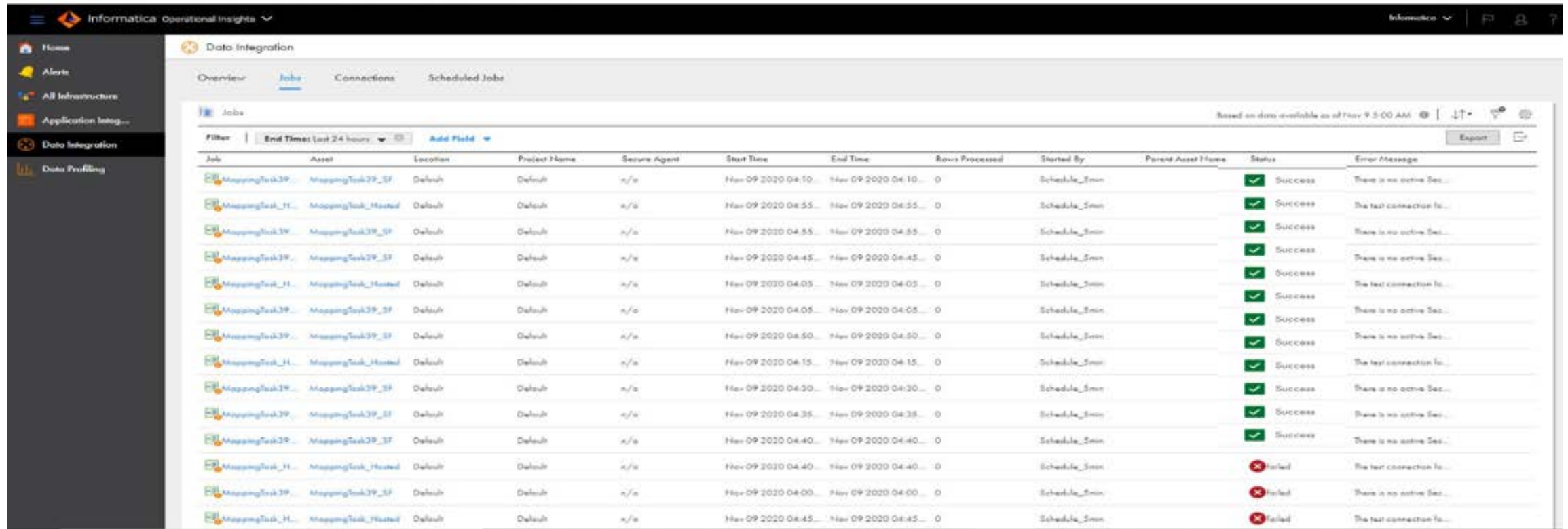
Cloud data Integration - Dashboard



Cloud Data Integration dashboarding metric as part of Operational Insights service.

Operational Insights

Cloud data Integration – Jobs Monitoring



The screenshot shows the Informatica Operational Insights web interface. The left sidebar contains navigation links: Home, Alerts, All Infrastructure, Application Integr..., Data Integration (selected), and Data Profiling. The main content area is titled 'Data Integration' and has tabs for Overview, Jobs (selected), Connections, and Scheduled Jobs. Below the tabs, there's a 'Jobs' section with a filter set to 'End Time (last 24 hours)' and an 'Add Field' button. A table displays the job run history with columns: Job, Asset, Location, Project Name, Secure Agent, Start Time, End Time, Rows Processed, Started By, Parent Asset Name, Status, and Error Message. The table shows 14 rows of job runs, most of which are successful, with a few failures at the bottom.

Job	Asset	Location	Project Name	Secure Agent	Start Time	End Time	Rows Processed	Started By	Parent Asset Name	Status	Error Message
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:10...	Nov 09 2020 04:10...	0	Schedule_5min		Success	There is no active Sec...
MappingTask_H...	MappingTask_Hosted	Default	Default	n/a	Nov 09 2020 04:55...	Nov 09 2020 04:55...	0	Schedule_5min		Success	The test connection fa...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:55...	Nov 09 2020 04:55...	0	Schedule_5min		Success	There is no active Sec...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:45...	Nov 09 2020 04:45...	0	Schedule_5min		Success	There is no active Sec...
MappingTask_H...	MappingTask_Hosted	Default	Default	n/a	Nov 09 2020 04:05...	Nov 09 2020 04:05...	0	Schedule_5min		Success	The test connection fa...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:05...	Nov 09 2020 04:05...	0	Schedule_5min		Success	There is no active Sec...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:50...	Nov 09 2020 04:50...	0	Schedule_5min		Success	There is no active Sec...
MappingTask_H...	MappingTask_Hosted	Default	Default	n/a	Nov 09 2020 04:15...	Nov 09 2020 04:15...	0	Schedule_5min		Success	The test connection fa...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:30...	Nov 09 2020 04:30...	0	Schedule_5min		Success	There is no active Sec...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:35...	Nov 09 2020 04:35...	0	Schedule_5min		Success	There is no active Sec...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:40...	Nov 09 2020 04:40...	0	Schedule_5min		Success	There is no active Sec...
MappingTask_H...	MappingTask_Hosted	Default	Default	n/a	Nov 09 2020 04:40...	Nov 09 2020 04:40...	0	Schedule_5min		Failed	The test connection fa...
MappingTask39...	MappingTask39_SF	Default	Default	n/a	Nov 09 2020 04:00...	Nov 09 2020 04:00...	0	Schedule_5min		Failed	There is no active Sec...
MappingTask_H...	MappingTask_Hosted	Default	Default	n/a	Nov 09 2020 04:45...	Nov 09 2020 04:45...	0	Schedule_5min		Failed	The test connection fa...

Job run history for completed jobs available for the last 30 days within the Operational Insights service.

Operational Insights

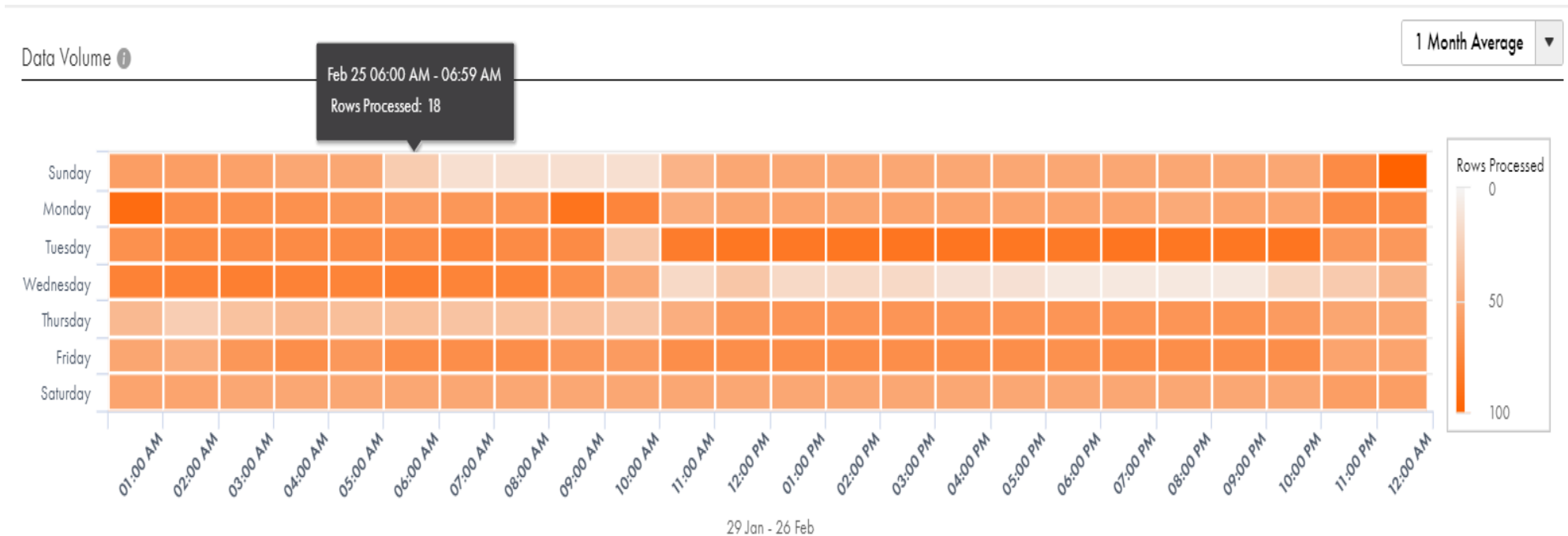
Cloud data Integration – Connections



Gain visibility using activity monitoring of your APIs, data ingestion, and processes

Operational Insights

Cloud data Integration – Heat Map



Heat map view of the jobs to identify critical times and peak hours for better resource planning.

CDI Operational Insights – R35

Operational Insights

Cloud data Integration – R35 Highlights

Job level alerting

- Enable users to set alerts for CDI jobs on parameters like duration, state, rows processed etc.

Error-remediation suggestions for task failures

- Suggestions for fixing the issue without having to switch contexts or do an external search outside of the product

Drill down from scheduled jobs

- Ability to drill down to actual tasks and show how they are distributed across different Runtime Environments.

Support for CDI tasks run on serverless mode

- Ability to Filter out/distinguish jobs that have been run on the existing agent's vs serverless agents.

The image displays two screenshots from the Informatica Operational Insights interface.

The top screenshot, titled "My Custom Alerts 2", shows the configuration for a custom alert. It is currently "Enabled". The name is "My Custom Alerts 2". The alert rule is set to "Project, Folder, or Task Asset" with the value "my_synchronization_task". Under the "Alert Condition" section, "Job State" is configured with "Running", "Completed Jobs", "Failure", "Warning", and "Success" all set to "Off". The "Threshold" section shows "Duration", "Rows Processed", and "Error Row Count" all set to "Off".

The bottom screenshot, titled "mapping-task 2-42", shows the details of a specific job. The "Job Properties" section lists: Asset: mapping-task 2, Instance ID: 42, Asset Type: Mapping Task, Started By: darrell@acme.com, Start Time: Jul 29, 2019, 10:08:06 PM, End Time: Jul 29, 2019, 10:09:09 PM, Duration: , Runtime Environment: AB_EMEA_SecureAgents_Cloud, and Secure Agent: n/a. The "Results" section shows a "Failed" status with 0 success rows and 0 error rows. The error message states: "There is no active Secure Agent in the Secure Agent group AB_EMEA_SecureAgents_Cloud or the 'Data Integration Server' service is user stopped or disabled. Start at least one Secure Agent belonging to the Secure Agent group or enable the 'Data Integration Server' service." Below the error message, it says "This error occurred on 31 jobs in the last 7 days." The "Insights (5)" section provides links to "HOW TO: Restart secure agent in linux in IICS" and "HOW TO: Understand more about Agent status".

CDI - Operational Insights

Job level alerting

Enable users to set alerts for CDI jobs on parameters like duration, state, rows processed etc.

Alerts will be email notifications sent to the user.

Alerts can be configured on couple of actions like Stop task or Restart task

Alerts can be set on individual task or project/folder or org level.

**** Released in phased manner, If this is not enabled for you, please reach out to GCS**

The screenshot displays the Informatica Alerts management interface. The left sidebar shows navigation options: Home, Infrastructure, Alerts, Data Integration, and a specific task 'DSS_task_long-na...'. The main panel is titled 'Alerts' and shows tabs for 'Received Alerts', 'Infrastructure Alerts', 'Data Integration Alerts' (selected), and 'PowerCenter Alerts'. Below the tabs, there's a table of alerts with columns: Enabled, Alert Name, Alert On, Alert Condition, Last Modified On, and Last Modified by. The table lists five alerts, including 'DI', 'Value', 'My Custom Alert 1', 'Value', and 'ErrorRows_Synchronize'. A tooltip is visible over the 'Value' alert, showing 'DSS_JobName_01/FolderName_01'. At the bottom of the table, it shows '1-5 of 5' items and 'Items per Page: 20'. Below the table, there's a configuration window for 'My Custom Alerts 2'. The 'General' tab is active, showing 'Enabled' as a toggle switch, 'Name' as 'My Custom Alerts 2', and 'Alert Rule On' set to 'Project, Folder, or Task Asset' with a dropdown menu showing 'my_synchronization_task'. The 'Alert Condition' section has two columns: 'Job State' and 'Threshold'. Under 'Job State', there are radio buttons for Running, Completed Jobs, Failure, Warning, and Success. Under 'Threshold', there are radio buttons for Duration, Rows Processed, and Error Row Count.

CDI - Operational Insights

Error-remediation suggestions for task failures

Suggestions for fixing the issue without having to switch contexts or do an external search outside of the product.

Top suggestions for remediation which are available at existing KBs, H2L articles, product documentation etc.

Users should be able to search the content base with any related keywords.

mapping-task 2-42

Job Properties


Asset:

mapping-task 2

Instance ID:

42

Asset Type:

 Mapping Task

Started By:

darrell@acme.com

Start Time:

Jul 29, 2019, 10:08:06 PM

End Time:

Jul 29, 2019, 10:09:09 PM

Duration:

Runtime Environment:


AB_EMEA_SecureAgents_Cloud

Secure Agent:

n/a

Results

Status:

 Failed

Success Rows:


0

Error Rows:

0

Error Message:


There is no active Secure Agent in the Secure Agent group AB_EMEA_SecureAgents_Cloud or the "Data Integration Server" service is user stopped or disabled. Start at least one Secure Agent belonging to the Secure Agent group or enable the "Data Integration Server" service.

 This error occurred on 31 jobs in the last 7 days.

▼ Insights (5)


HOW TO: Restart secure agent in linux in IICS

One can restart the secure agent installed on linux as follows:Navigate to <Informatica Secure agent>/apps/agentcore ... Start the secure agent: ./infaagent startup ... Cloud Data Integration

 [View Article on Informatica Network](#)


HOW TO: Understand more about Agent status

This video describes about reviewing a specific Agent Audit. ... Informatica Secure Agent should be up and running in an Org to allow jobs to run seamlessly. ... When a Secure Agent is down, you can refer the Agent Audit to understand the cause for an...

 [View Video on Informatica Network](#)

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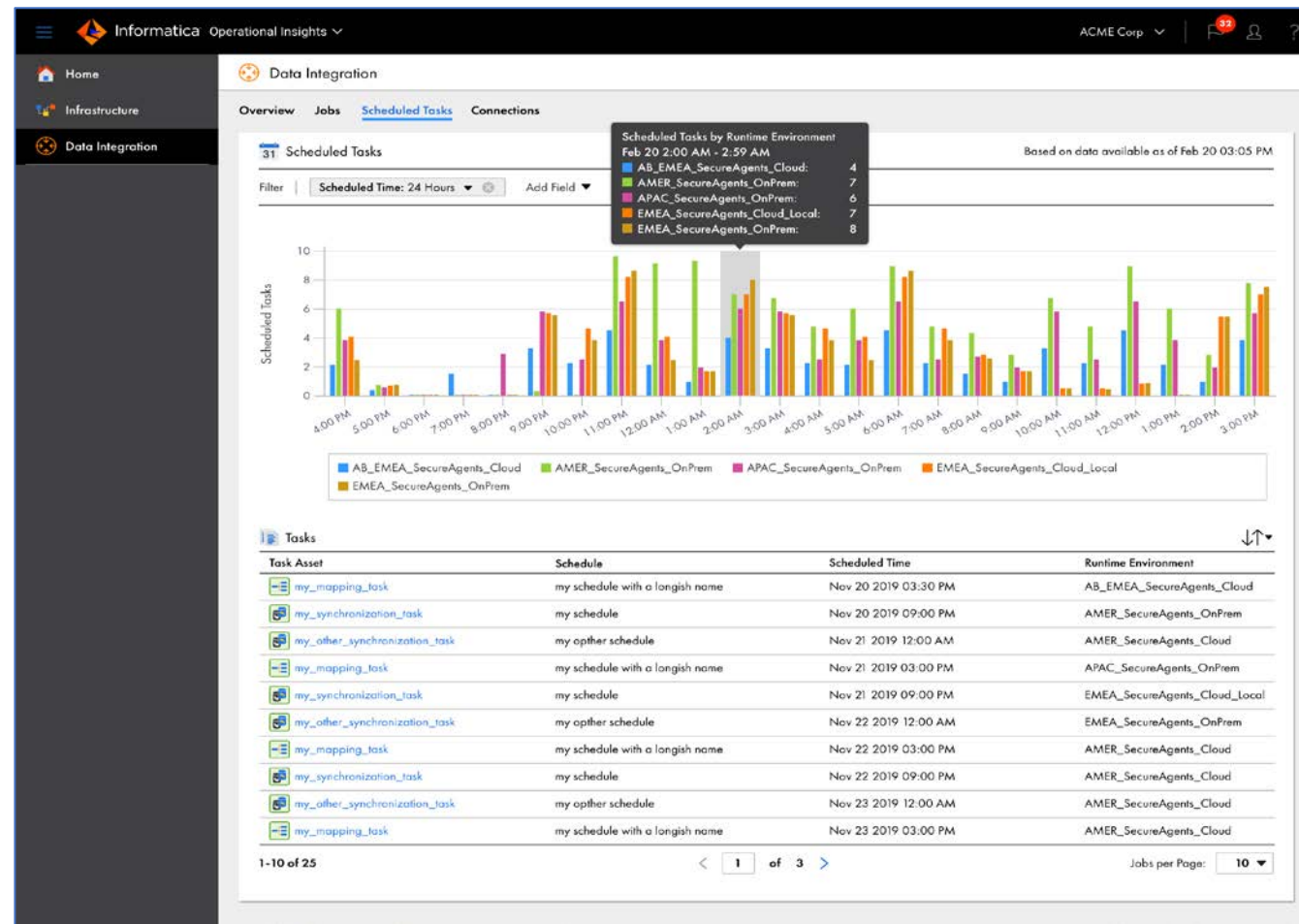
CDI - Operational Insights

■ Drill down from scheduled jobs

Suggestions for fixing the issue without having to switch contexts or do an external search outside of the product.

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Demo

Questions?



THANK YOU