



15 July, 2025

Mastering Asset Management and Upgrade Analysis with Assurance Service

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Where data & AI come to **LIFE**

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 on our [Success Portal](#) - where you can download the **slide deck** for the presentation. The link to the recording will be emailed as well.
- Please take time to complete the **post-webinar survey** and provide your feedback and suggestions for upcoming topics.

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POC Customers



Enriched Customer
Onboarding
experience



Product Learning
Paths and Weekly
Expert Sessions



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Tailored training and
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recommendations

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<https://docs.informatica.com>



University

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

Safe Harbor

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Assurance Pack

Lower Risk

Reduce Costs

Increase Visibility

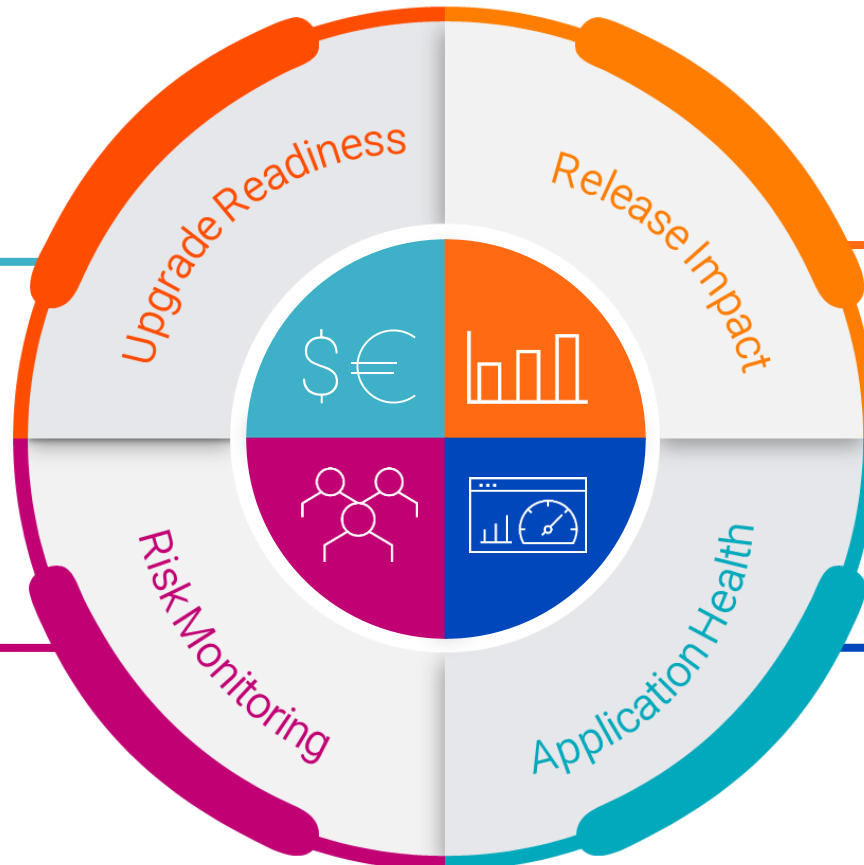
Shared Goals

Simplify your upgrade process with automated asset migration and easy regression testing

Understand the impact of release features for your environment and identify potential security risks

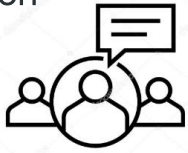
Track and monitor KPIs, adoption metrics and configuration change impacts in one place

OnDemand health check, performance and environment assessment and more



Automation, Insights and Management

Recommendations and Best practices



IDMC Metadata



AI-assisted analysis

Assurance Service

- ◆ **Upgrade Readiness**
Identify and prepare for potential impacts of IDMC upgrades
- ◆ **Code Promotion and SDLC**
Promote and integrate components using Assurance
- ◆ **Audit and monitoring**
Monitor and oversee IDMC user activities
- ◆ **Application Health and Maintenance**
Health check and org maintenance
- ◆ **Governance and troubleshooting**
Generate automated reports and recommendations

Introducing the Assurance Service

Upgrade Readiness



- Identify and prepare for IDMC upgrade impacts to your organization
- Detailed analysis of impacts based on metadata and runtime information
- Insights into the changes and possible mitigation

Upgrade Analysis: July 2025 release

Informatica Intelligent Cloud Services™ July 2025 release changes are available in pre-release organization. Use analysis report to identify impact of those changes on this org, perform regression testing and prepare this organization for release.

This organization would be upgraded on **Sunday, 13th July 2025**.

Snowflake V1 connector - EOL notification

This organization has a license for the Snowflake Cloud Data Warehouse Connector (Snowflake v1), which, effective November 30, 2025, Informatica will designate as end-of-life (EOL) and will stop all support for this connector.

This decision follows Snowflake's announcement to deprecate single-factor password authentication as part of its enhanced cybersecurity measures. Consequently, the Snowflake Cloud Data Warehouse Connector (Snowflake v1) will no longer function, as it relies on this outdated authentication method.

For more information, refer to the [Snowflake Will Block Single-Factor Password Authentication by November 2025](#)

Analysis Report Analyze

Preparing for upgrade

Run Assurance upgrade analysis ✓

Run upgrade analysis on your organization to find out the impacts of this release on your organization. This helps you perform regression testing and identify upgrade issues if any before the production release.

Last analysed by ojas at June 24, 2025 3:45 AM

Upgrade Analysis: April 2024 Major release

Informatica Intelligent Cloud Services™ April 2024 Major release changes are available in pre-release organization. Use analysis report to identify impact of those changes on this org, perform regression testing and prepare this organization for release.

This organization would be upgraded on **7th April 2024**.

Analysis Report View Download

Summary

[View upgrade impacts](#)

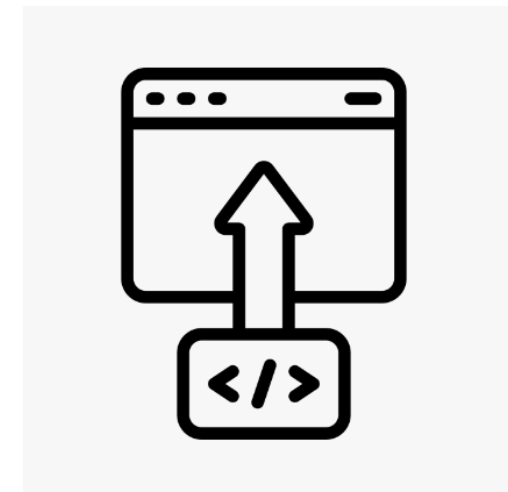
Projects	Impact Type	Product

Connector upgrades

Upgrade Analysis Demo

Asset Management - SDLC

- Promote assets to other orgs; collaborate with peers through Reviews
- Validations on Reviews
- Perform source control actions
- Version control Deployment options for source-controlled orgs
- Maintain change lists to track/forward change origin



Asset Management

invalid check Requested Changes opened 2 months ago by ojas to deploy changes to Informatica Business Solutions PVT Ltd

5 227 Assets 2 months ago Reviewers Deploy

testDemo Pending opened 2 months ago by ojas to deploy changes to GCS Cloud India-oj

1 6 Assets 2 months ago Reviewers Deploy

ojasRendering Pending opened 3 months ago by ojas to deploy changes to Informatica GCS India

0 2 Assets 3 months ago Reviewers Deploy

bigCAI review for test Pending opened 3 months ago by ojas to deploy changes to GCS Cloud India

contains: Multiple processes Multiple guides Multiple app connections No Service connectors No CDI assets No IDM assets

1 124 Assets 3 months ago Reviewers Deploy

Informatica Assurance Service Informatica GCS India Cloud Integration

Home Asset Management Last Refreshed: 2 months ago Cloud Data Integration

Asset Management

Explore Assets Deployment Flow Reviews

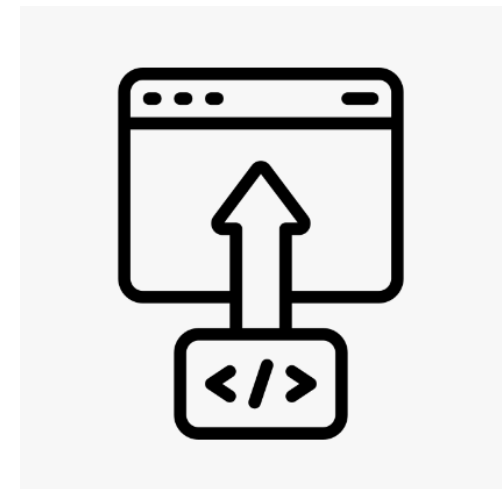
Tasks (11766) None Selected Actions Deploy Find

<input type="checkbox"/>	Name	Task Type	Project Name	Folder Name	Last Run	Last Updated
<input type="checkbox"/>	mct_DatabricksT...	Mapping Task	payoja_test	db_pdo	N/A	Mar 13, 2025 3:03 AM
<input type="checkbox"/>	mct_DatabricksT...	Mapping Task	_Mar_UA_2024		N/A	Mar 13, 2025 3:01 AM
<input type="checkbox"/>	mct_DatabricksT...	Mapping Task	july2024_ua_dev		N/A	Mar 13, 2025 3:01 AM
<input type="checkbox"/>	mct_DatabricksT...	Mapping Task	_Mar_UA_2024		N/A	Mar 13, 2025 3:01 AM
<input type="checkbox"/>	ms_mt_adisgen...	Mapping Task	my_test_chrr		N/A	Mar 13, 2025 12:03 ...
<input type="checkbox"/>	ms_mt_adisgen...	Mapping Task	mar_ua_25		N/A	Mar 12, 2025 11:55 ...
<input type="checkbox"/>	ms_mt_adis_de...	Mapping Task	mar_ua_25		N/A	Mar 12, 2025 11:50 ...
<input type="checkbox"/>	ms_mt_adis_gb...	Mapping Task	mar_ua_25		N/A	Mar 12, 2025 11:45 ...
<input type="checkbox"/>	ms_mct_parquet...	Mapping Task	mar_ua_25	Dev	N/A	Mar 12, 2025 11:45 ...
<input type="checkbox"/>	MT_4_onprem_s3	Mapping Task	mar_ua_25		N/A	Mar 12, 2025 11:45 ...
<input type="checkbox"/>	ms_mct_adis_gb...	Mapping Task	my_test_chrr		N/A	Mar 12, 2025 11:05 ...
<input type="checkbox"/>	mct_gbl_v2_de...	Mapping Task	msData		N/A	Mar 12, 2025 9:37 PM
<input checked="" type="checkbox"/>	mct_gbl_v2_de...	Mapping Task	msData		N/A	Mar 12, 2025 9:37 PM
<input checked="" type="checkbox"/>	mt_Merlin_Conn...	Mapping Task	msData		N/A	Mar 12, 2025 9:37 PM
<input type="checkbox"/>	ghq_parameteriz...	Mapping Task	msData		N/A	Mar 12, 2025 9:37 PM
<input type="checkbox"/>	ms_tf_cai	Taskflow	msData		N/A	Mar 12, 2025 9:37 PM
<input type="checkbox"/>	ms_mct_s3_data...	Mapping Task	mar_ua_25		N/A	Mar 12, 2025 3:48 AM

SDLC Demo

Asset Management – Scheduling and Publish

- Bulk associate/disassociate tasks with schedules through Assurance service
- CAI analysis and bulk publish



The screenshot shows the 'Schedule' interface in Informatica Assurance Service. It features a sidebar with navigation options like Home, Asset Management, and Health Check. The main area is titled 'Schedule' and includes a 'Next' button. Below this, there's a section for 'Tasks (3)' with a table listing tasks and their associated schedules.

Name	Task Type	Project Name	Folder Name	Last Run	Last Updated	Current Sch...	Selected Sch...
mt_Merlin...	Mapping Task	ms_project_1e...	DocumentBase	N/A	Jul 7, 2025 12...		test_user_sch...
_snowflak...	Mapping Task	_Mar_UA_2024	_mar_pkw_ua_f...	N/A	Jul 4, 2025 9...		test_user_sch...
mt_Merlin...	Mapping Task	mt_project_1e...	ConflyTracker	N/A	Jul 7, 2025 12...		test_user_sch...

The screenshot shows the 'Asset Management' interface in Informatica Assurance Service. It displays a table of tasks with columns for Name, Task Type, Project Name, Folder Name, and Last Run. A context menu is open over the table, showing options like 'Compare Mapping Task', 'Analyze Custom Components', 'Schedule', 'Unschedule', 'Generate Samples', 'Check In', and 'Publish'.

Name	Task Type	Project Name	Folder Name	Last Run
mct_DatabricksT...	Mapping Task	payoja_test	db_pdo	N/A
mct_DatabricksT...	Mapping Task	_Mar_UA_2024		N/A
mct_DatabricksT...	Mapping Task	july2024_ua_dev		N/A
mct_DatabricksT...	Mapping Task	_Mar_UA_2024		N/A
ms_mt_adisgen...	Mapping Task	my_test_chrr		N/A
ms_mt_adisgen...	Mapping Task	mar_ua_25		N/A
ms_mt_adis_de...	Mapping Task	mar_ua_25		N/A
ms_mt_adis_gb...	Mapping Task	mar_ua_25		N/A
ms_mt_adis_gb...	Mapping Task	mar_ua_25	Dev	N/A
MT_4_onprem_s3	Mapping Task	mar_ua_25		Mar 12, 2025 11:45 ...
ms_mt_adis_gb...	Mapping Task	my_test_chrr		Mar 12, 2025 11:05 ...
mct_gbq_v2_de...	Mapping Task	msData		Mar 12, 2025 9:37 PM
mct_gbq_v2_de...	Mapping Task	msData		Mar 12, 2025 9:37 PM
mt_Merlin_Conn...	Mapping Task	msData		Mar 12, 2025 9:37 PM

Asset management Demo – Publish and scheduling

Asset management use cases

Design time use cases

Features useful for users as they are creating assets within IDMC

- Lookup assets by location, type, connections used and runtime environment
 - Perform scheduling in bulk
 - Perform publishing in bulk
- Perform Source control actions
 - Checkout assets and track assets checked out by you for undo
 - Check in assets in a single commit along with inbound and outbound dependencies
 - Pull any commit with git has filters either completely or partially
 - Also useful to pull commits pushed via lower orgs
 - View all source control operations done via Assurance in its Job history view

Code Promotion use cases

Features useful for users as they are getting ready to promote code

- Perform code review
 - Automatic comparison of assets (CDI/CAI/Admin) between Source and Target organizations
 - Assurance's user-friendly Review UI to navigate through complicated code changes
 - Collaborate with peers by adding approvers and communicate via comments and notification emails
 - Re-work your code and submit for review from Assurance review for continuous feedback

Code Promotion use cases

Features useful for users as they are getting ready to promote code

- Perform code promotion
 - Promote code with a few clicks by selecting assets with Assurance's advanced filters
 - Connection, Location and Runtime configurations
 - Sequence and Parameter reset/retain configurations
 - Scheduling of tasks and taskflows with name matching options
 - Deploy dependents, Validate assets in Source and Target and Publish assets in Target
 - Test connections for further validations
 - Promote users, roles, user groups and schedules to initialize and setup new projects
 - Backup target state for disaster recovery option
 - Version control operations integrated with Deployment action

Code Promotion use cases

Features useful for users as they are getting ready to promote code

- Save, Track and Integrate Code promotion
 - Save reusable Deployment flows to trigger as needed
 - Reprint Saved flows to different target orgs for one source-multi target setups
 - Call saved flows via Assurance Public APIs to integrate with CI/CD pipelines
 - Track in-coming changes to your org via Assurance Deployment change lists
 - Information about each list of changes pushed to an org via Assurance deployment
 - Redeploy changes to next org for multi hop scenarios like Dev->QA->Production
 - Saved flows + Change lists + Public APIs = Fully automated multi hop multi target code promotion
 - Deploy to multiple sub organizations with Parent org users in a single go

Upgrade use cases

Upgrade use cases

Features to use maintain assets within an IDMC org during an upgrade

- Run granular analysis on specific projects and folders
- Automated AI assisted analysis of all tasks and Mappings for impacts from upcoming changes
- Impact based classifications using Pre-release information and recommendations of
 - Sanity tests for enhancements to upcoming changes
 - Regression tests for possible behavior change
 - Optimization opportunities
- In depth analysis covering Tasks, Mappings, Connections and Runtime environment properties
- Reduce test set by similarity
- Find out assets with higher runtime usage by failure counts, runs, volume, throughput and duration
- Select and Deploy to Pre-release (US Pods) /QA environments directly from Assurance service

Useful Resources

❑ Data Sheet

https://www.informatica.com/content/dam/informatica-com/en/collateral/data-sheet/informatica-intelligent-cloud-services-assurance-package_data-sheet_3978en.pdf

❑ User Guide

<https://network.informatica.com/docs/DOC-18875>

❑ Network/Blogs

<https://network.informatica.com/community/informatica-network/products/cloud-integration/cloud-assurance-service>

❑ Learning Path

<https://success.informatica.com/learning-path/idmc-assurance-service.html>