



Informatica® Intelligent Cloud Services  
April 2024

# Administrator What's New

Informatica Intelligent Cloud Services Administrator What's New  
April 2024

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# Preface

Read *Administrator What's New* to learn about new features, enhancements, and behavior changes in the Administrator service for the April 2024 release. You can also learn about upgrade steps that you might need to perform.

## Informatica Resources

Informatica provides you with a range of product resources through the Informatica Network and other online portals. Use the resources to get the most from your Informatica products and solutions and to learn from other Informatica users and subject matter experts.

### Informatica Documentation

Use the Informatica Documentation Portal to explore an extensive library of documentation for current and recent product releases. To explore the Documentation Portal, visit <https://docs.informatica.com>.

If you have questions, comments, or ideas about the product documentation, contact the Informatica Documentation team at [infa\\_documentation@informatica.com](mailto:infa_documentation@informatica.com).

### Informatica Intelligent Cloud Services web site

You can access the Informatica Intelligent Cloud Services web site at <http://www.informatica.com/cloud>. This site contains information about Informatica Cloud integration services.

### Informatica Intelligent Cloud Services Communities

Use the Informatica Intelligent Cloud Services Community to discuss and resolve technical issues. You can also find technical tips, documentation updates, and answers to frequently asked questions.

Access the Informatica Intelligent Cloud Services Community at:

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

Developers can learn more and share tips at the Cloud Developer community:

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

### Informatica Intelligent Cloud Services Marketplace

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

<https://marketplace.informatica.com/>

## Data Integration connector documentation

You can access documentation for Data Integration Connectors at the Documentation Portal. To explore the Documentation Portal, visit <https://docs.informatica.com>.

## Informatica Knowledge Base

Use the Informatica Knowledge Base to find product resources such as how-to articles, best practices, video tutorials, and answers to frequently asked questions.

To search the Knowledge Base, visit <https://search.informatica.com>. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at [KB\\_Feedback@informatica.com](mailto:KB_Feedback@informatica.com).

## Informatica Intelligent Cloud Services Trust Center

The Informatica Intelligent Cloud Services Trust Center provides information about Informatica security policies and real-time system availability.

You can access the trust center at <https://www.informatica.com/trust-center.html>.

Subscribe to the Informatica Intelligent Cloud Services Trust Center to receive upgrade, maintenance, and incident notifications. The [Informatica Intelligent Cloud Services Status](#) page displays the production status of all the Informatica cloud products. All maintenance updates are posted to this page, and during an outage, it will have the most current information. To ensure you are notified of updates and outages, you can subscribe to receive updates for a single component or all Informatica Intelligent Cloud Services components. Subscribing to all components is the best way to be certain you never miss an update.

To subscribe, on the [Informatica Intelligent Cloud Services Status](#) page, click **SUBSCRIBE TO UPDATES**. You can choose to receive notifications sent as emails, SMS text messages, webhooks, RSS feeds, or any combination of the four.

## Informatica Global Customer Support

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

To find online support resources on the Informatica Network, click **Contact Support** in the Informatica Intelligent Cloud Services Help menu to go to the **Cloud Support** page. The **Cloud Support** page includes system status information and community discussions. Log in to Informatica Network and click **Need Help** to find additional resources and to contact Informatica Global Customer Support through email.

The telephone numbers for Informatica Global Customer Support are available from the Informatica web site at <https://www.informatica.com/services-and-training/support-services/contact-us.html>.

# CHAPTER 1

## April 2024

The following topics provide information about new features and enhancements in the April 2024 release of Informatica Intelligent Cloud Services Administrator.

### Important notices

Informatica has modified the levels of customer support that it offers for one or more Informatica Intelligent Cloud Services platform features in the current release. The following notices identify the features and the current support levels.

#### Deprecation initiated

Effective in the April 2024 release, the following functionality enters deprecation:

- Support for the RedHat 7.x operating system (64 bit) for the Secure Agent

While you can use the functionality in the current release, Informatica intends to drop support for the functionality on December 31, 2024.

For more information about this change, see the Informatica Knowledge Base article "[End of Life Notification for Red Hat Enterprise Linux 7 Secure Agent Support in IDMC](#)." For more information about supported operating systems for the Secure Agent, see the [PAM for Informatica Intelligent Cloud Services \(IICS\)](#).

### New features and enhancements

The April 2024 release of Informatica Intelligent Cloud Services<sup>SM</sup> Administrator includes the following new features and enhancements.

#### New UI experience

The Administrator user interface has a new look and feel that presents the features you'll use in greater clarity.

#### Advanced clusters

Advanced clusters include the following new features and enhancements:

- The **Advanced Clusters** page includes performance and visual enhancements.

- On the **Advanced Clusters** page, sorting has been improved and you can filter the advanced configurations.
- When you create an advanced configuration, the **Validate** button is enabled for Google Cloud clusters and self-service clusters. It validates whether the configuration contains the necessary information and is in the correct format.

**Note:** The validation process doesn't validate whether cloud resources have been configured correctly, such as whether cloud roles have all the necessary permissions.

For more information, see *Advanced Clusters*.

## Flat file connections

When you create a flat file connection, you can use the date format `MM/dd/yyyy HH24:mm:ss`.

## Source control

This release includes the following enhancements to source control:

### Project-level repositories

You can enable the option to configure Git repositories at the project level. Using different repository branches for your projects can enable parallel development and collaboration across teams in the organization.

When users don't specify a project-level repository, the global repository that you set up in Administrator is used.

### Cloud-hosted Bitbucket repositories

You can use a cloud-hosted Atlassian Bitbucket repository for source-controlled Data Integration assets.

For more information, see *Organization Administration*.

## Platform REST API

This release includes the following enhancements to the REST API:

### Source control

You can get repository connection details such as the repository connection ID for a given project ID or project name using the repositoryConnection resource.

### Additional object specifications in import API resource

In an import POST request, you can use key-value pairs in the additionalProviderFlags field to include additional object specifications such as in-out parameter values and sequence generator values.

For more information, see *REST API Reference*.

## IPU metering for Cloud Data Integration for PowerCenter (CDI-PC)

You can view metering information for tasks that you perform in your organization and sub-organizations on the **Metering** page in Administrator.

You can view and download metering consumption data from the **Cloud Data Integration for PowerCenter** metering page. The metering page contains details including the date when the task was run, organization details, environment details, IPU per unit, and the number of IPU's consumed.

For more information about metering, see *Organization Administration*.

## Detailed metering report for PowerCenter Modernization

You can view and download detailed metering usage data for assessment and conversion jobs run from Cloud Data Integration for PowerCenter (CDI-PC). The metering page includes details such as the date and time when the jobs within the organization were run, organization ID, job details, and the number of objects processed during assessment or conversion.

For more information about metering, see *Organization Administration*.

### Overriding properties in the platform.yaml file

You can use a custom YAML file to override the property values in the `platform.yaml` file.

The `platform.yaml` file is a configuration file that the Process Server uses to get the configuration details related to Application Integration and communicate with the Secure Agent services.

You can override the property values in the `platform.yaml` file available on the Secure Agent by using a custom `user-platform.yaml`. To override the values, create a copy of the `platform.yaml` file with the required properties and their custom values, name the file as `user-platform.yaml`, and save it in the following directory:

```
<Secure Agent installation directory>\apps\process-engine\conf
```

When the Process Server is up and running, if a property is specified in the `user-platform.yaml` file, the Process Server uses that specific value. Otherwise, the Process Server uses the values defined in the `platform.yaml` file.

When the Secure Agent is upgraded to a new version, the properties in the `user-platform.yaml` file are unchanged.

For more information about configuring custom values for properties in the `platform.yaml` file, see *Secure Agent Services*.

### Serverless runtime environment

You can use serverless runtime environments configured in Azure Native ISV Services.

For a list of connectors that can use Azure serverless runtime environments, see *Runtime environments*.

### OS Profiles

You can use operating system (OS) profiles to impersonate another user to run tasks with operating system users who differ from the Secure Agent user.

For more information, see "Data Integration Server Properties" in *Secure Agent Services*.



# CHAPTER 2

## February 2024

The following topics provide information about new features and enhancements in the February 2024 release of Informatica Intelligent Cloud Services Administrator.

### New features and enhancements

The February 2024 release of Informatica Intelligent Cloud Services™ Administrator includes the following new features and enhancements.

#### Assigning services to users and groups

You can assign or remove Informatica Intelligent Cloud Services services for a user group. Users assigned to that group then have access to those services unless explicitly denied at the user level.

You can also specify whether a user's access to a service is inherited from the user's role or group membership, or whether to explicitly allow or deny access to a service.

For more information, see *User Administration*.

#### REST API sessions using JWT access tokens

OAuth audience verification supports additional patterns and allows dynamic names for the resource. You can use any of the following patterns for the audience claim:

- `api://<orgId>.<cloud provider>-<region>.informaticacloud.com`
- `https://<orgId>.<cloud provider>-<region>.informaticacloud.com`
- `api://<orgId>.<cloud provider>-<region>.informaticacloud.com/<resource>`
- `https://<orgId>.<cloud provider>-<region>.informaticacloud.com/<resource>`
- `api://<cloud provider>-<region>.informaticacloud.com/<orgId>`
- `https://<cloud provider>-<region>.informaticacloud.com/<orgId>`
- `api://<cloud provider>-<region>.informaticacloud.com/<orgId>/<resource>`
- `https://<cloud provider>-<region>.informaticacloud.com/<orgId>/<resource>`

The resource name is customizable and can be set to any value, for example, `LoginResource1` or `UserLoginResource`.

For more information, see *REST API Reference*.

# CHAPTER 3

## November 2023

The following topics provide information about new features, enhancements, and behavior changes in the November 2023 release of Informatica Intelligent Cloud Services Administrator.

### New features and enhancements

The November 2023 release of Informatica Intelligent Cloud Services™ Administrator includes the following new features and enhancements.

#### Metering for PowerCenter modernization

You can view the objects processed during assessment and conversion of PowerCenter assets to Cloud Data Integration assets using the Cloud Data Integration for PowerCenter service. Use the following meters to view the usage data on the **Metering** page in Administrator:

- PC2CDI Modernization Service Assessment
- PC2CDI Modernization Service Conversion

For more information, see *Organization Administration*.

#### Taskflow Metering

You can view the metering information for the taskflows that are run within your organization and sub-organizations on the **Metering** page in Administrator. You can also download metering usage data from the taskflow metering page. The metering page includes details such as the date when the taskflows within the organization were run, organization ID, organization type, environment name, environment type, tier, IPU per unit, total number of taskflows that were run, and the number of IPUs consumed.

For more information about taskflow metering, see *Organization Administration*.

#### Retrieving connection credentials from HashiCorp Vault

You can configure your organization to retrieve sensitive connection credentials such as passwords, OAuth tokens, and API shared secrets from HashiCorp Vault.

When you do this, your organization's Secure Agents can dynamically access the credentials from Vault instead of storing and retrieving them from the Informatica Intelligent Cloud Services repository.

For more information about HashiCorp Vault configuration, see *Organization Administration*.

#### Start REST API session using JWT access token

You can start a REST API session by logging in using a JWT access token for authentication. To log in, use the loginOauth v2 REST API resource and include a token from the identity provider in the request.

For more information, see *REST API Reference*.

# Changed behavior

The November 2023 release of Informatica Intelligent Cloud Services Administrator includes the following changed behaviors.

## Storing connection properties on a local Secure Agent

When you store connection properties on a local Secure Agent, the connection properties are encrypted by the Informatica Intelligent Cloud Services key management service.

Previously, the properties were encrypted using an encryption key that was based on a randomly generated password or a custom password.

For more information about connection properties storage, see *Organization Administration*.

## Platform REST API

If you send a pull request and it fails for any reason after initialization, you can find the pull status and error in the source control logs or by sending a sourceControlAction request.

Previously, if you sent a pull request and the object couldn't be found in the repository, the pull operation returned the pull status and error in the response body and excluded it from the source control logs. All other failures were visible in the source control logs.

# CHAPTER 4

## Upgrade

The following topics provide information about tasks that you might need to perform before or after an upgrade of Informatica Intelligent Cloud Services Data Integration. Post-upgrade tasks for previous monthly releases are also included in case you haven't performed these tasks after the previous upgrade.

### Preparing for the upgrade

Perform the following tasks to prepare for upgrade to the April 2024 release.

#### Disk space requirements and file preparation

The Secure Agent upgrades the first time that you access Informatica Intelligent Cloud Services after the upgrade.

Files that you added to the following directory are preserved after the upgrade:

```
<Secure Agent installation directory>/apps/Data_Integration_Server/ext/deploy_to_main/bin/  
rdtm-extra
```

**Note:** After a major release upgrade, the old and new versions of the services might continue to run concurrently for up to 24 hours. Ensure that the Secure Agent machine has sufficient free memory to avoid memory depletion during this period.

Perform the following steps to ensure that the Secure Agent is ready for the upgrade:

1. Ensure that each Secure Agent machine has sufficient disk space available for upgrade.

The machine must have at least 5 GB free space or the amount of disk space calculated using the following formula, whichever is greater:

```
Minimum required free space = 3 * (size of current Secure Agent installation directory -  
space used for logs directory)
```

2. Close all applications and open files to avoid file lock issues, for example:

- Windows Explorer
- Notepad
- Windows Command Processor (`cmd.exe`)

## Dynamic files in preprocessing commands

Data Integration refreshes mapping and task metadata during an upgrade. If you have a task that uses preprocessing commands to create a dynamic file, ensure that a file with the referenced file name is present at the specified file path before the first task run after the upgrade.

If a file isn't present, Data Integration can't map the metadata between the preprocessing command and the referenced file, and the task fails. After the first task run, Data Integration retains the file path.

## Post-upgrade tasks for the November 2023 release

Perform the following tasks after your organization is upgraded to the November 2023 release.

### Microsoft SQL Server Connector

After the upgrade, the TLS library used for SSL encryption is upgraded to OpenSSL version 3.0.0. To use OpenSSL version 3.0.0 for your existing mappings, add the following custom property in the Secure Agent:

- Type: DTM
- Property Name: DD\_CLOSED\_SQLSERVER\_DRIVER
- Value: 'DataDirect CLOSED 8.0 SQL Server Wire Protocol for Informatica - LATEST'

After adding the property, spawn a new Data Integration Service.

Set the following property in the **Runtime Advanced Connection Properties** field in Microsoft SQL Server connection properties:

```
AllowedOpenSSLVersions=latest
```

### Oracle Connector

After the upgrade, the TLS library used for SSL encryption is upgraded to OpenSSL version 3.0.0. To use OpenSSL version 3.0.0 for your existing mappings, add the following custom property in the Secure Agent:

- Type: DTM
- Property Name: DD\_CLOSED\_ORACLE\_DRIVER
- Value: 'DataDirect CLOSED 8.0 Oracle Wire Protocol for Informatica - LATEST'

After adding the property, spawn a new Data Integration Service.

Set the following property in the **Runtime Advanced Connection Properties** field in Oracle connection properties:

```
AllowedOpenSSLVersions=latest
```

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