What's New
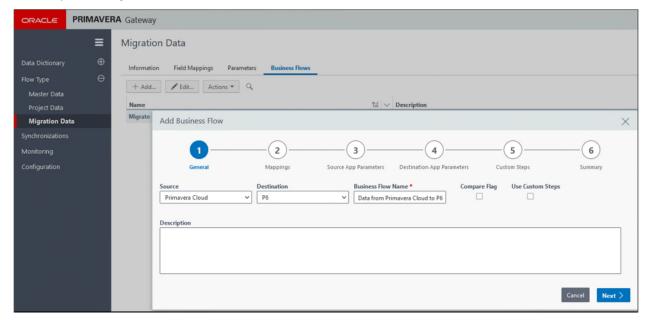## New Features in Primavera Gateway 21

Features Introduced in 21.12

The following feature is available in Primavera Gateway.

Migrate Primavera Cloud Data to P6 using Migration Data Flow: In Gateway 21.5, the Migration Data flow was extended to allow you to migrate P6 EPPM data to Primavera Cloud. You can now use this flow type to reverse the process to send Primavera Cloud data to P6 EPPM. For more details, see the *Gateway Data Migration Guide*.
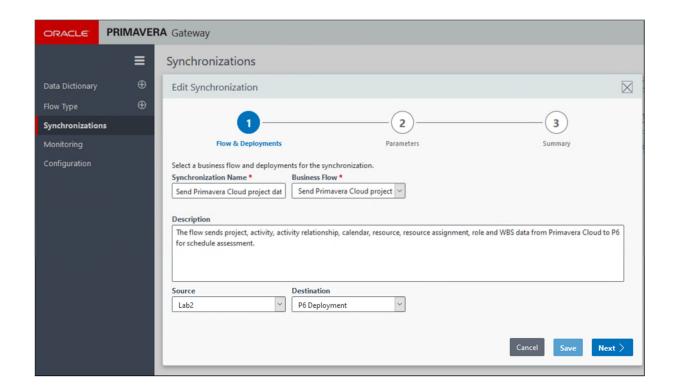

Features Introduced in 21.11

The following features are available in Primavera Gateway.

Synchronization for Sending Project Schedule Data from Primavera Cloud to P6 EPPM: A new business flow and synchronization, **Send P6 Project data to Primavera Cloud for Schedule**, has been added in Primavera Gateway.

For more details on how to run the synchronization, refer to the *Gateway, Primavera Cloud, and P6 EPPM Synchronization Setup Guide*.

Modified Project Data Business Flow Parameter: In Release 21.6, the **Include only updated data since last run** (Delta Run) parameter was extended to support several objects in P6. Now this feature has also been extended to support several objects in Primavera Cloud when Primavera Cloud is the source application. For a detailed list of objects supported, see the topic, *Supported Objects for Delta Runs* in the Setup Guides.

This feature is available for Gateway developers and administrators.

Updates to Data Dictionaries: The following objects have been modified in the Primavera Cloud, Gateway, and File Provider data dictionaries.
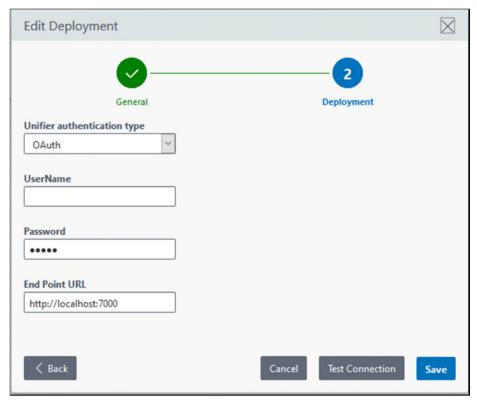- Currency
- ExchangeRate
- ResourceRole

For more details, refer to each dictionary in the *Primavera Gateway Providers Data Dictionary.*
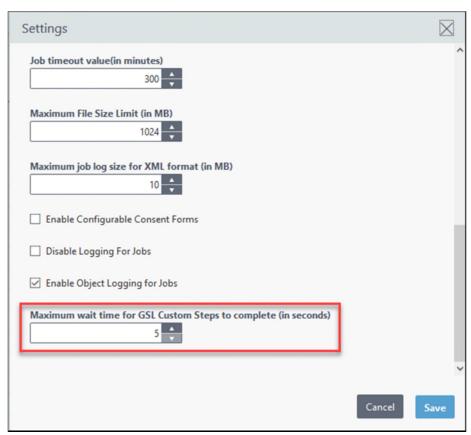
Features Introduced in 21.10

The following features are available in Primavera Gateway.

OAuth Authentication Type Supported for Unifier Provider: You can now setup a Unifier provider deployment with OAuth authentication in Primavera Gateway.

New Method to Transfer Codes from Primavera Cloud to P6 using Project Data: To share Activity codes, Project codes, and Resource codes from Primavera Cloud to P6 using a Project Data flow, see the support document, *How to Integrate Codes from Oracle Primavera Cloud (Project, Activity, Resource) to P6 to Using Project Data* (**Doc ID 2812250.1**).

GSL Custom Step Setting Added to Control Processing Time: To control the process time of custom step can run when you use Groovy Scripting Language (GSL), a new setting, **Maximum wait time for GSL Custom Steps to complete (in seconds),** has been added in the **General** tab of the **Settings** dialog box. By default, the wait time is set to 5 seconds.

Canceling Parent Child Jobs: To automatically cancel *all* child jobs included under a parent job more efficiently, select the **Cancel** option in the **Actions** menu on the **Monitoring** page.

When a parent job is canceled (green):
- The step of the current job in process will complete (green), but the status of all subsequent steps will be set to *Never Run*, and the job will be set as *Canceled* (green).
- The status of all child jobs completed prior to the cancelation remains unchanged.
- The status of all child jobs currently *In Progress* or *Review* is set to *Canceled* (green).
- The status of all child jobs that did not start is set to *Canceled*.

Updates to Primavera Cloud Data Dictionary: The following changes have been made in the *Primavera Cloud data dictionary*.

The following new objects have been added:
- ProjectBudgetItem
- ProjectBudgetChangeTransaction
- ProjectBudgetTransferTransaction

The following objects have been modified:

- ProjectBudgetChange
- ProjectBudgetTransfer

Updates to Gateway and File Provider Data Dictionaries: The following objects have been added to the *Gateway and File Provider data dictionaries*.
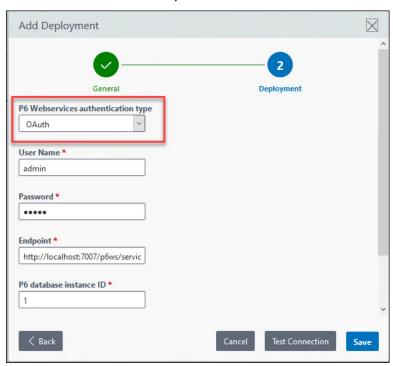
The following new objects have been added:
- ProjectBudgetItem
- ProjectBudgetChange
- ProjectBudgetChangeTransaction
- ProjectBudgetTransfer
- ProjectBudgetTransferTransaction

Features Introduced in 21.9

The following features are available in Primavera Gateway.

OAuth Authentication Type Supported for P6 Provider: You can now setup a P6 Provider deployment with OAuth authentication in Primavera Gateway.

Updates to Primavera Cloud Data Dictionary: The following changes have been made in the *Primavera Cloud data dictionary*. These include:

- CBSTemplateSegment
- CBSSheetSegment
- CBSSheet
- CBSSheetCode
- CBSSheetRow
- CBSSheetRowCost

The following objects has been removed:

- CBSSegment
- CostSheetWorkspaceTotalRowCost

The following objects have been updated with new fields:

- CostCategory
- CBSTemplate
- CBSTemplateCode
- ProjectBudget

For more details, refer to the *Primavera Gateway Providers Data Dictionary*.

Features Introduced in 21.7

The following features are available in Primavera Gateway.

New Method to Transfer Codes from P6 to Primavera Cloud for Project Data: To share Activity codes, Project codes, and Resource codes from P6 to Primavera Cloud, a new method has been added that allows you to transfer the codes and the hierarchy structure along with the values for *project data*. For more details, see the support document, *How to Integrate Codes from P6 (Project, Activity, Resource) to* Oracle Primavera Cloud Using Project Data (Doc ID 2787099.1).

Note: In 21.5, a similar new method was added for transferring codes from P6 to Prinavera Cloud for *master data*.

Improved Edit Object Dialog Box in Wizard: The inner scroll bar for the fields list within the dialog box has been removed. You can now use the main scroll bar to view all the fields supported by the object.

Features Introduced in 21.6
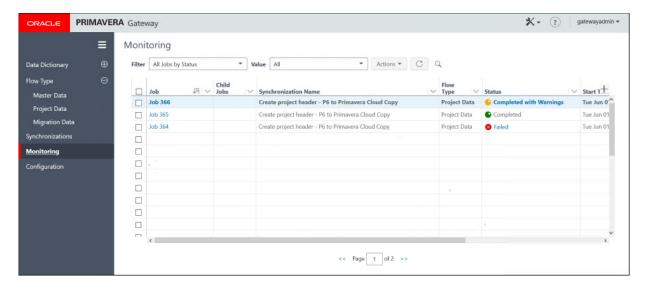
The following features are available in Primavera Gateway.

Modified Project Data Business Flow Parameter: The **Include only updated data since last run** (Delta Run) parameter has been extended to support several objects in P6 only when P6 is a source application. Previously, it was intended for only Project and Activity field mapping templates in the **Business Flow** wizard for integrations between between P6 and Unifier only. For a detailed list of objects supported, see the topic, *Supported Objects for Delta Runs* in the Setup Guides.

This feature is available for Gateway developers and administrators.

Job Status Enhancement: When a synchronization job is run in Primavera Gateway, upon completion, a status is displayed for:

- each step included in an individual job
- each child job included in a parent job
- each individual job
- each parent job

To provide more clarity on how the status at each of these levels impact the overall job status, see *Gateway Help*.

This feature is available for Gateway users and administrators.

Features Introduced in 21.5

The following features are available in Primavera Gateway for Gateway developers, users, and administrators.

Migrate P6 Data to Primavera Cloud using Migration Data Flow: In Gateway 20.12, a new flow type called **Migration Data** was added to allow you to migrate P6 EPPM data from one P6 EPPM environment to another. It transfers all P6 data using P6 Import / Export web services.

This feature has now been extended to migrate data between P6 EPPM and Primavera Cloud. For more details, see the *Data Migration Guide*.

Updates to Gateway Providers Data Dictionary: New objects have been added to the Primavera Cloud data dictionary. These include:
- ActivityCode
- ActivityCodeType
- Workspace

New fields have been added to existing objects in the Primavera Cloud data dictionary. These include:
- ProjectCode
- ProjectCodeType
- ResourceCode
- ResourceCodeType

New Method to Transfer Codes from P6 to Primavera Cloud: You can share Activity codes, Project codes, and Resource codes from P6 to Primavera Cloud, including the hierarchy, using the Master Data flow in Primavera Gateway. For more details, see the support document, *How to Integrate Codes from P6 to Primavera Cloud Using Primavera Gateway* (**Doc ID 2820171.1**).

Lean Task Associated Field Mapping Templates, Business Flows, and Synchronizations Renamed: Lean task related items in Gateway have been renamed.

The following field mapping templates have been renamed:

- The **Send Primavera Cloud Activity Lean Task Status to P6** has been renamed as **Send Primavera Cloud Activity Task Status to P6**.
- The **Send Primavera Cloud lean task data to P6 tasks** has been renamed as **Send Primavera Cloud task data to P6 tasks**.

The **Send Primavera Cloud project data to P6 for Lean Task** *business flow* has been renamed as **Send Primavera Cloud project data to P6 for Task**.

The **Send Primavera Cloud project data to P6 for Lean Task** *synchronization* has been renamed as **Send Primavera Cloud project data to P6 for Task**.

Gateway Version Displayed in Synchronization Details Dialog: When you select a job in the **Data Details** tab of the **Monitoring** page, the **Synchronization Details** dialog now displays the Gateway version as shown below.
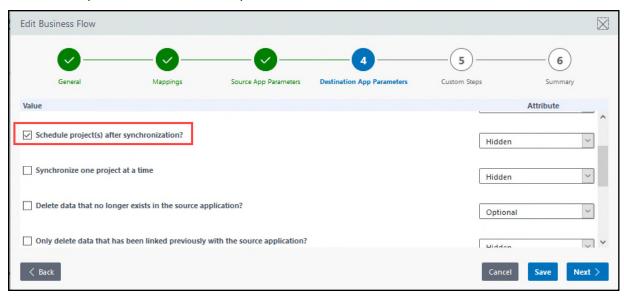
Default Value for Gateway Settings Parameter for New Customers: The Gateway Settings, **Auto delete jobs after XX days(0 turns offauto delete)** has been enhanced with a default value of *30* days. This default value is applicable to new customers only.

For existing customers, it is recommended that you set up a value for this setting to improve Gateway's performance.

Destination Parameter Added to Primavera Cloud: A new parameter, Schedule Project(s) after synchronization has been added to the business flow wizard in Gateway to initiate project scheduling from Gateway when data is successfully transferred to Primavera Cloud.

Features Introduced in 21.4

The following features are available in Primavera Gateway for Gateway developers, users, and administrators.

Fields added to Objects in Data Dictionaries: In the Primavera Cloud, Gateway, and File Provider data dictionaries, new fields have been added to the following objects:

- Risk
- RiskMatrix
- RiskMatrixThreshold

For detailed field information, refer to the *Primavera Gateway Providers Data Dictionary*.

Adding Custom Steps Extended to Gateway Provider: You can now add a custom step to the **Gateway** provider between sequence numbers 11 through 59 in a Gateway flowside sequence. Previously, custom steps were only allowed between sequence numbers 11 through 19 for a source provider, and between sequence numbers 61 through 69 for a destination provider.

In the following example, a new custom step called *New* Custom *Step* has been added after the **Convert from Source to Gateway format** step with a sequence number set as *25*.

Update to the Monitoring Page: A **Refresh** button has been added to the **Job Details** tab of the **Monitoring** page.

Features Introduced in 21.3

The following features are available in Primavera Gateway for Gateway developers and administrators.

Additional Data Types Supported for Date Entries in Groovy Scripting Language: Groovy Scripting Language in Gateway has been enhanced to support date entries as a string data type and as a date/time data type. For more details, refer to the *Groovy Scripting Guide*.

Project-Level Calendars Supported in Gateway: Since Oracle Primavera Cloud supports project level calendars, you can now send project-level calendars from P6 EPPM to Oracle Primavera Cloud using business flows and synchronizations in Primavera Gateway. Previously, only global calendars were supported in Primavera Cloud.

Parent Job Summary Automatically Refreshes for Parent-Child Synchronizations: When you run a parent-child synchronization and monitor the data transfer process in the **Parent Job Summary** dialog, the status of each child job automatically refreshes as the job progresses.

Features Introduced in 21.2

The following features are available in Primavera Gateway for all user roles.

Fields added to Objects in Data Dictionaries: In the Primavera Cloud, Gateway, and File Provider data dictionaries, new fields have been added to the following objects:
- Risk
- RiskImpact
- RiskOverrideCost

For detailed field information, refer to the *Primavera Gateway Providers Data Dictionary*.

Gateway Upgrade History Displayed on the Versions Page: You can check the upgrade history of Gateway by selecting **Versions** from the **Help** menu of Primavera Gateway.

Legal Notices