Oracle®Retail Process Orchestration and Monitoring

Release Readiness Guide

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OracleRetail Process Orchestration and Monitoring Release Readiness Guide, Release 23.2.201.0

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Preface

This guide outlines the information you need to know about Oracle Retail Process Orchestration and Monitoring new or improved functionality in this update, and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

Audience

This document is intended for the users and administrators of the Oracle Retail Process Orchestration and Monitoring.

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- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

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Oracle Retail Cloud Services and Business Agility

Oracle Retail Process Orchestration and Monitoring is hosted in the Oracle Cloud with the security features inherent to Oracle technology and a robust data center classification, providing significant uptime. The Oracle Cloud team is responsible for installing, monitoring, patching, and upgrading retail software.

Included in the service is continuous technical support, access to software feature enhancements, hardware upgrades, and disaster recovery. The Cloud Service model helps to free customer IT resources from the need to perform these tasks, giving retailers greater business agility to respond to changing technologies and to perform more value-added tasks focused on business processes and innovation.

Oracle Retail Software Cloud Service is acquired exclusively through a subscription service (SaaS) model. This shifts funding from a capital investment in software to an operational expense. Subscription-based pricing for retail applications offers flexibility and cost effectiveness.

1

Feature Summary

This chapter describes the feature enhancements in this release.

Noteworthy Enhancements

This guide outlines the information you need to know about new or improved functionality in the Oracle Retail Process Orchestration and Monitoring Cloud Service update and describes any tasks you might need to perform for the update. Each section includes a brief description of the feature, the steps you need to take to enable or begin using the feature, any tips or considerations that you should keep in mind, and the resources available to help you.

Column Definitions

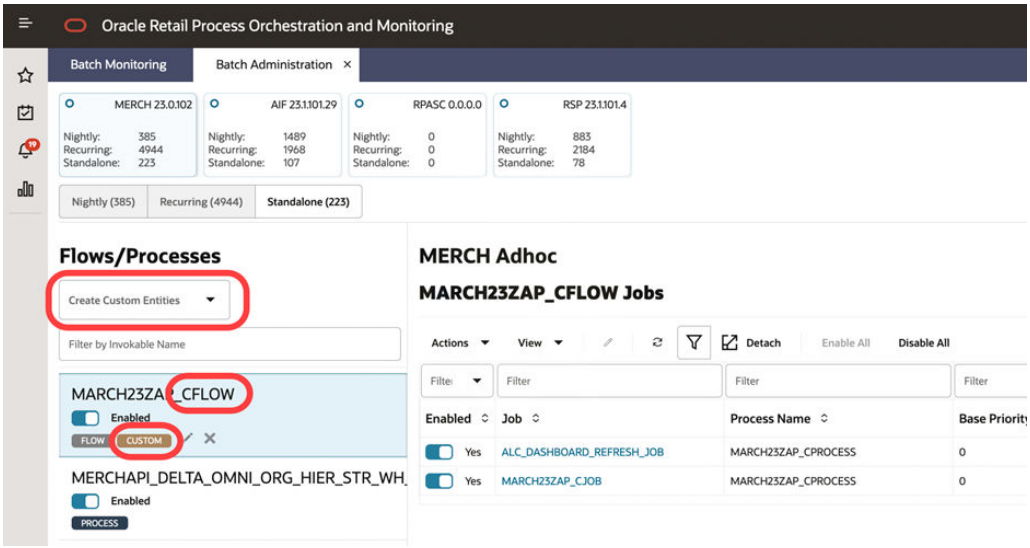
- **Feature:** Provides a description of the feature being delivered.
- **Module Impacted:** Identifies the module associated with the feature, if any.
- **Scale:** Identifies the size of the feature. Options are:
  - **Small:** These UI or process-based features are typically comprised of minor field, validation, or program changes. Therefore, the potential impact to users is minimal.
  - **Large:** These UI or process-based features have more complex designs. Therefore, the potential impact to users is higher.
- **Delivered:** Is the new feature available for use immediately after upgrade or must the feature be enabled or configured? If no, the feature is non-disruptive to end users and action is required (detailed steps below) to make the feature ready to use.
- **Customer Action Required:** You must take action before these features can be used. These features are delivered disabled and you choose if and when to enable them.

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
Batch Schedule Customization	Batch Schedule	Large	Yes	If desired
Nightly Batch Summary Report	Report	Small	Yes	No
Enhanced Audit Events	Audit	Small	Yes	No
Enhanced Schedule Maintenance	Batch Schedule	Medium	Yes	No
Batch Schedule Display Name	Batch Schedule	Small	Yes	No
One Nightly per Day Validation	Scheduler	Small	Yes	If desired

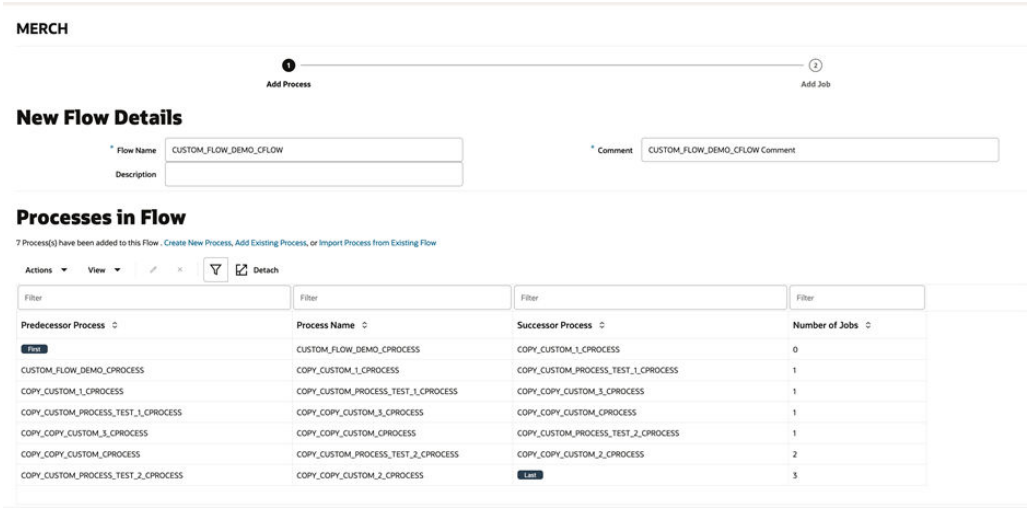
Batch Schedule Customization

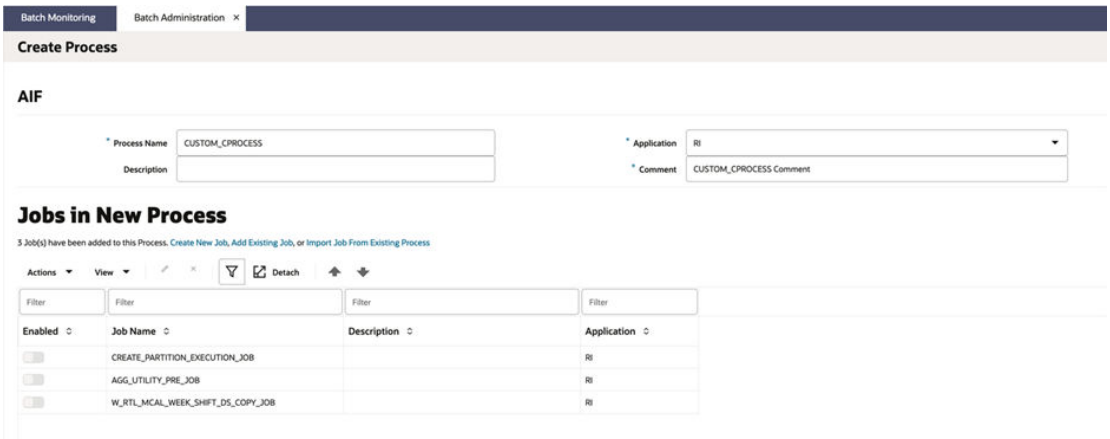
Users can create custom Batch Flows, Processes, and Jobs (custom entities) for a batch schedule through the POM UI itself. Only the Standalone (also known as Adhoc) cycle can be customized. Before this version, customizing a batch schedule could only be done through the Batch Schedule Spreadsheet.

The Standalone tab on the Batch Administration screen has been enhanced to provide controls for creating, editing, and deleting custom entities. These entities can then be scheduled through the Scheduler Administration screen just like regular batch entities. Custom entities can be exported from one environment into another using the Export, Import features on the Batch Administration screen.



Users can click **Create Custom Entities**, then either **Create Flow** or **Create Process** in the **Standalone** tab of the Batch Administration screen. Processes and jobs can also be added to the custom flow and process either by creating a new process/job, or adding an existing process/job, or importing a process/job from an existing custom flow/process respectively.





Nightly Batch Summary Report

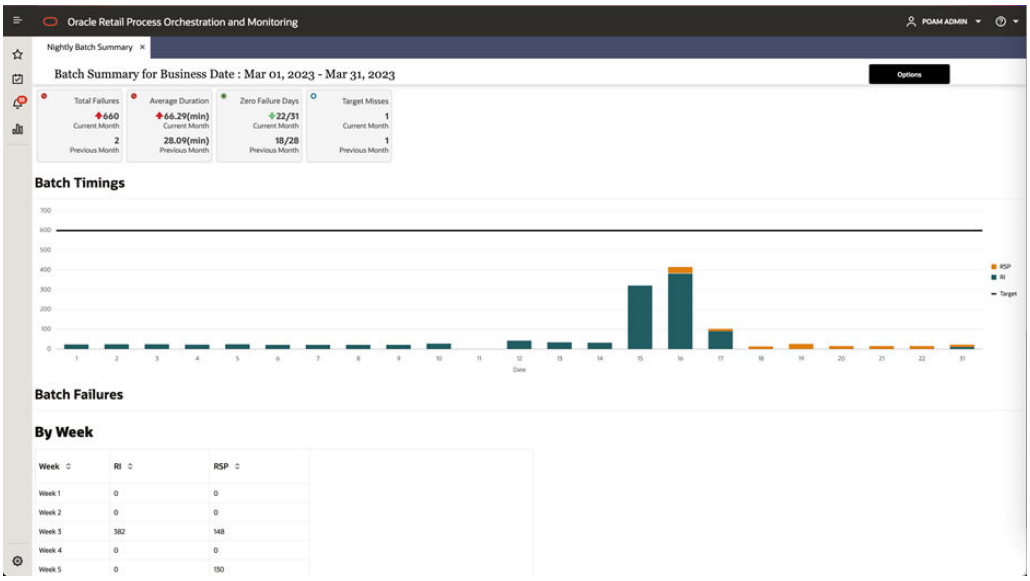
Users can view a configurable Batch Summary report. This report displays Nightly Cycle statistics across select schedules. The user can select the month and schedule(s) for which the report is to be run.

The different statistics are represented by tiles at the top of the reports:

- Total Failures
- Average Duration
- Zero Failure Days
- Target Misses

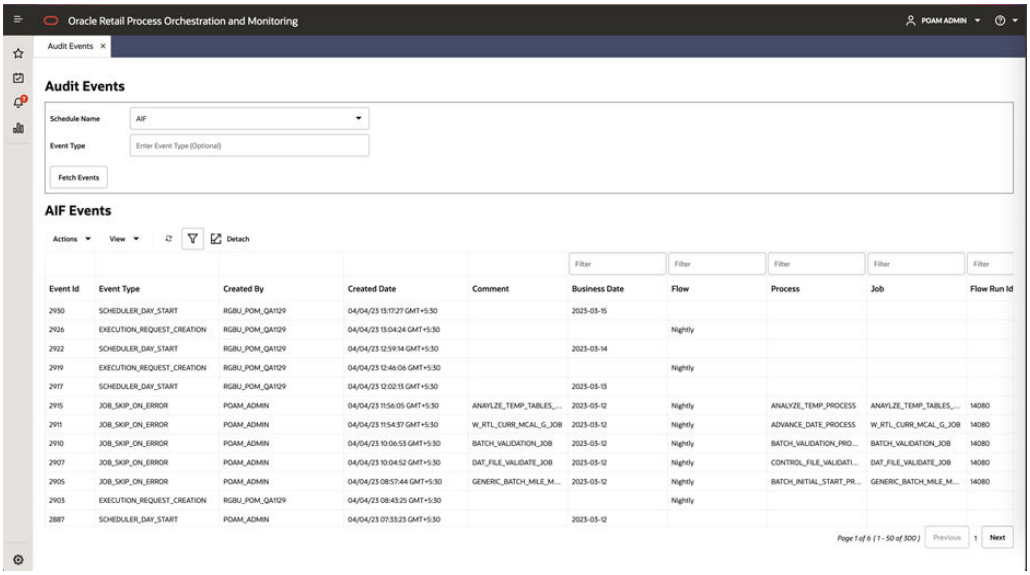
A batch timings bar graph is also shown, depicting a bar for each day of the month. Each bar represents a stacked Nightly batch run duration in minutes for each selected schedule. The Target Batch Duration can be set at a schedule level within POM and is represented by a horizontal line on the graph.

The report also provides total batch failures by week.



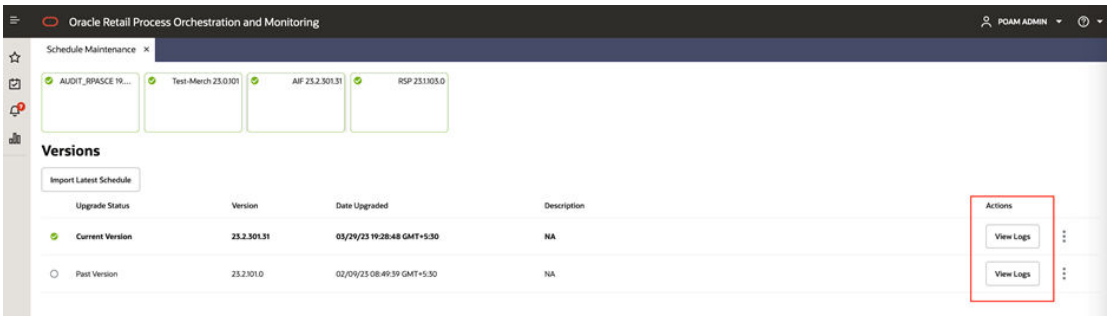
Enhanced Audit Events

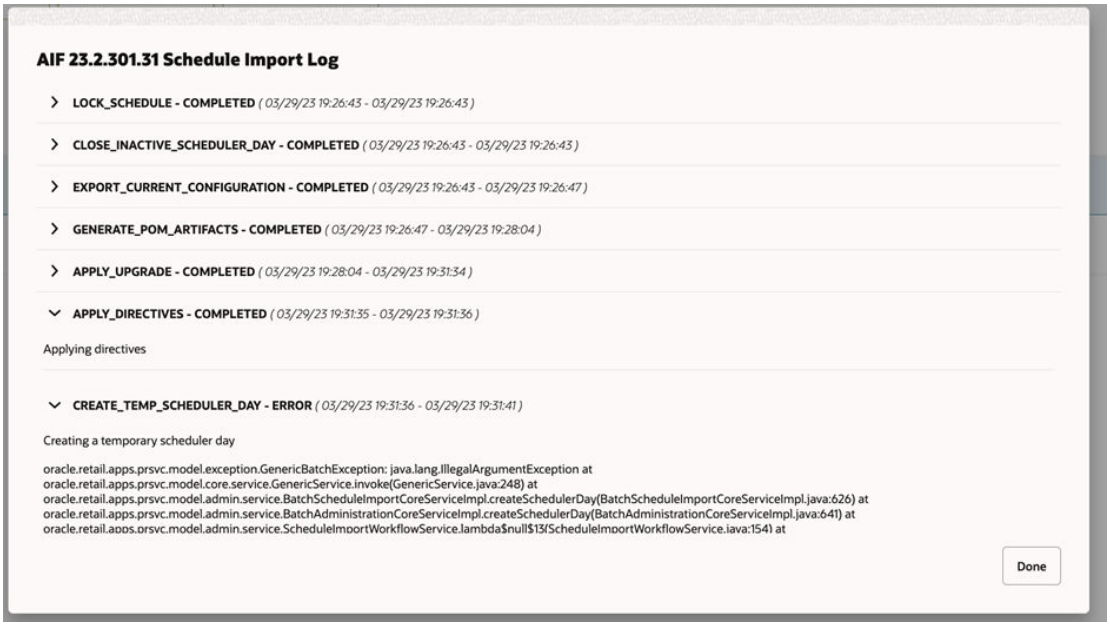
All significant batch events are now audited. These can be viewed on the Audit Events screen accessed through the AMS Utilities task menu.



Enhanced Schedule Maintenance

A new **View Logs** button is available on the Schedule Maintenance screen. Clicking the button shows the schedule import log for the selected schedule. This displays the list of activities completed as part of the schedule import along with the status, timestamp, and other information such as success log, error message, skip reason, and so on.





Batch Schedule Display Name

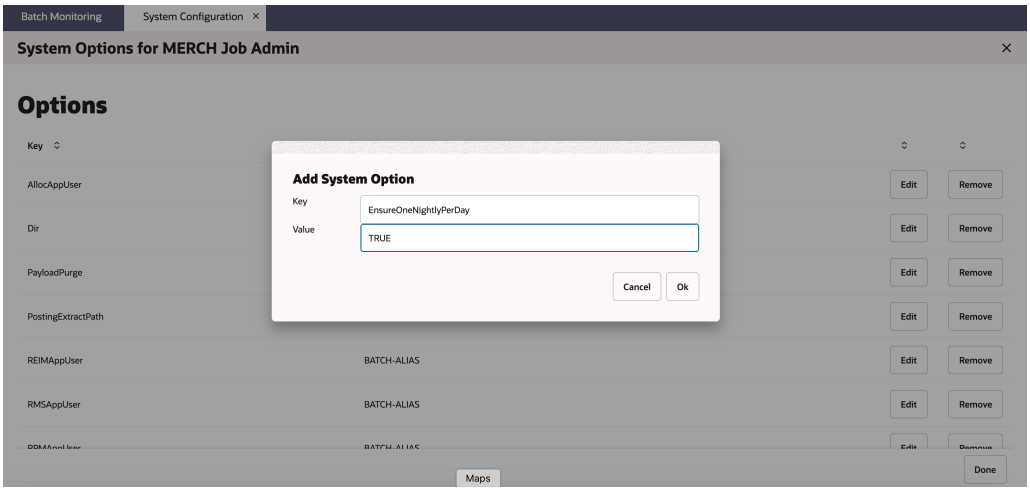
Applications now have the ability to specify, on the Schedule tab of the Batch Schedule spreadsheet, a Display Schedule Name that is different than the traditional Schedule Name. This new field will be used as the schedule name shown on all POM screens, reports, and emails. Retail Home has also been modified to use this same display name on the POM Tile.

One Nightly per Day Validation

The Scheduler now performs an additional configurable validation for Nightly tasks. This is known as the ‘One Nightly per Day’ validation rule. This rule is turned off by default, meaning that if it’s not explicitly set, the Scheduler will not enforce it. However, if this rule is explicitly set, the Scheduler will try to ensure that two consecutive Nightly cycles are not run on the same calendar day (based on the time zone set). For example, consider the case where the Nightly is set up with the `WEEKLY` frequency, and is scheduled to run at 9 am on Sunday and then 6 pm on Monday. If this validation is not enforced, the Scheduler would schedule the Nightly cycle at 9 am on Sunday and then again at 6 pm on Sunday itself.

In such cases, if this rule is in place, the Scheduler delays the Nightly Cycle to the same time for the next day. A Notification is also created to signal that the Nightly has been adjusted in adherence to this rule.

> **Note:**
>
> As stated previously, the default is to not enforce this validation. This behavior can be changed by creating system option `EnsureOneNightlyPerDay` and setting it to `TRUE` on the **System Configuration – System Options** screen



If this system option already exists then modify its value to either `TRUE` or `FALSE` based on the desired behavior.

2

System Requirements

This chapter covers the Client System requirements for Oracle Retail Process Orchestration and Monitoring Cloud Service.

Browser Requirements

> **Note:**
>
> If running Windows, Oracle Retail assumes that the retailer has ensured its Operating System has been patched with all applicable Windows updates.

The following web browsers are supported:

- Mozilla Firefox
- Microsoft Edge
- Google Chrome (Desktop)
- Apple Safari

Microsoft has deprecated Internet Explorer 11 in Windows 10 and recommends using Edge as the default browser. Refer to the Oracle Software Web Browser Support Policy for additional information.

3
Noteworthy Resolved Issues

This following table highlights specific key fixes that are included in this release. In some cases, only a percentage of the overall fixed defects are listed.

Affected Component	Defect Number	Description
User Interface – Scheduler Administration screen	35132170	UNABLE TO DELETE MERCH ADHOC SCHEDULER TASKS. Deleting Adhoc scheduler tasks in POM did not work when the schedule time was set to a blank value.