

# Oracle® Retail Process Orchestration and Monitoring

## Release Readiness Guide



Release 23.2.401.0

F88113-01

October 2023

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

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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

## **Oracle Help Center (docs.oracle.com)**

Oracle Retail Product documentation is available on the following website <https://docs.oracle.com/en/industries/retail/html>

## **Comments and Suggestions**

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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

Process Orchestration and Monitoring 23.2.401.0 is a Critical Update.

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?
<a href="#">Diagrammatic Representation of Batch Flows</a>	Batch Administration	Small	Yes	No
<a href="#">Custom Jobs – Alternate IDCS Support</a>	Custom Configuration	Small	Yes	Optional, if alternate IDCS is used.
<a href="#">Batch Monitor – Better Logging – POM Log vs Job Log</a>	Batch Monitoring	Small	Yes	No
<a href="#">Batch Administration Job Multi-Update Capability</a>	Batch Administration	Small	Yes	No

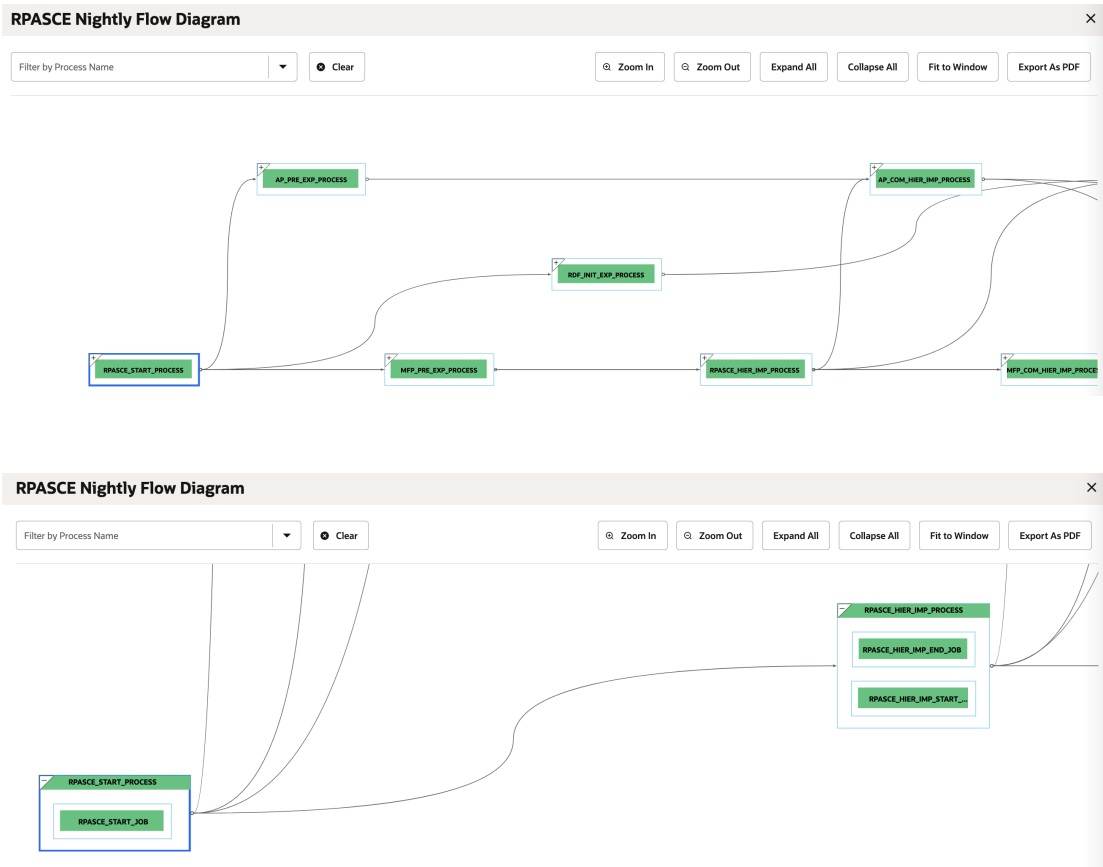
Feature	Module Impacted	Scale	Delivered	Customer Action Required?
<a href="#">Bypass Proxy When Invoking Private Endpoints</a>	Integration	Small	Yes	Optional, if customer desires
<a href="#">Removal of Deprecated Roles</a>	User Roles	Small	Yes	Yes for new environments, if deprecated roles are used.

## Diagrammatic Representation of Batch Flows

Users can see a visual representation of a schedule on the Batch Administration screen. They are able to see a flow diagram of the processes within a particular flow and their dependencies as links. This is applicable for Nightly, Recurring and Standalone cycles. The user can then click on a particular Process in the diagram to see the list of its jobs in the sequential order of execution.



Users can zoom in the flow diagram to get a larger view of the processes and their flow in the flow diagram. They are able to filter the flow diagram by Process Name and expand all the processes to get a view of their jobs.



## Custom Jobs – Alternate IDCS Support

Users can direct POM to use an IDCS instance other than POM's default IDCS instance. They are also able to enter credentials for that IDCS instance.



### Create New Job Type For SIOCS

Job Type:

Url:

Job Start:

Job Restart:

Job Status:

Job Kill:

Job Logs:

Validation:

OAuth Scope:

OAuth Credentials:  Use System Default  Use Custom

IDCS Slice

IDCS Url:

Credential

No Credentials Configured

Client Id:

Client Secret:

Required

## Batch Monitor – Better Logging – POM Log vs Job Log

In previous versions of POM, users were only able to see one log containing job and POM specific information. The log was difficult to browse because it contained a lot of information. In this version, POM separates job-specific log information into a Job log. The POM log is unchanged and still contains both job specific and POM specific log information. The default log that users see on all screens and as email attachments is the Job log. Users are also able to see both logs on the Batch Job Details screen of Batch Monitoring task. That is the only screen where the POM log is available.

Batch Monitoring x

### Batch Job Details

Job AC\_ATTR\_MAINT\_END\_JOB

Job Status: Completed

Execution Requests

Status	Execution ID	Job Run ID	Request Time	Log
Completed	1387	5025665	09/12/23 14:10:36 GMT+5:30	<a href="#">Log</a>

Executions

Status	ID	Job Run ID	Start Time	End Time	Log	Job Log
Completed	3601	5025665	09/12/23 14:10:31 GMT+5:30	09/12/23 14:10:36 GMT+5:30	<a href="#">Log</a>	<a href="#">Job Log</a>

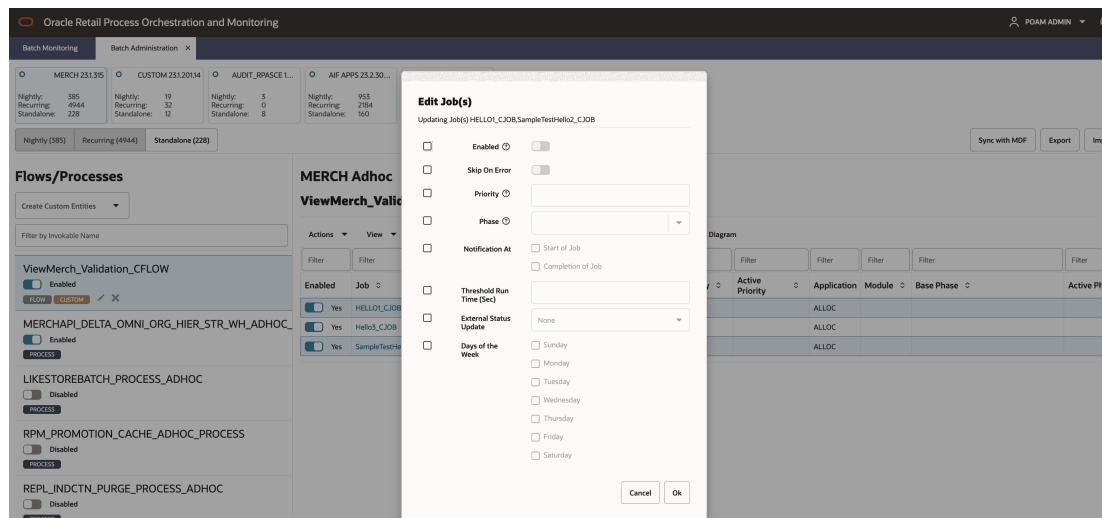
Pre Dependencies

Status	Job	Process
Skipped	AC_CUSTOMER_TCA_MAINT_JOB	AC_ATTR_MAINT_PROCESS

## Batch Administration Job Multi-Update Capability

Multiple rows can be selected for edit on the Jobs table of the Batch Administration screen. In the screenshot below, two rows are selected on the right side of the screen,

then the edit icon is clicked. All changes made on the Edit Job(s) popup are applied to all selected jobs.



## Bypass Proxy When Invoking Private Endpoints

By default, when retail applications (such as POM) contain features that call a retailer's endpoints, these calls are routed through an Outbound Proxy. This means these calls are routed through the internet. To do so, each customer's endpoint must be allow-listed by Oracle through an entitlement request and approval.

Customer endpoints are optionally invoked by POM in either of the following scenarios:

- Callbacks – Customer endpoints can be triggered automatically at the completion or failure of certain jobs.
- Custom Jobs - Customer endpoints can be used to start and complete custom jobs set up by that customer.

Rather than having these endpoints be public, customers can instead choose to set up their services as Private Endpoints and request Oracle to access these endpoints over a Private Access Gateway, thereby avoiding sending information through the Outbound Proxy. In this version, POM has made the necessary modifications to allow for such access, if so configured.

## Removal of Deprecated Roles

For some time now, POM had deprecated two old roles: `BATCH_MONITORING_JOB` and `BATCH_BUSINESS_JOB`. In this version, POM will no longer be seeding those two roles into new environments. There is no action required by customers for existing environments. However, for new environments, if the customer has thus far been assigning users to these two roles, they must instead assign them to alternative roles. The customer may also optionally remove the two roles in existing environments and reassign users to the alternative roles. The table below shows which other, existing roles best match the two removed roles. However, it is recommended that customers evaluate all five roles for best re-assignments.

<b>Old Role</b>	<b>Alternative Role</b>
BATCH_MONITORING_JOB	BATCH_SCHEDULE_ADMINISTRATOR_JOB
BATCH_BUSINESS_JOB	BATCH_SCHEDULE_CONFIGURATION_MANAGER_JOB

# 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
Batch Administration	33921235 & 31439468	Jobs table in Batch Administration screen is enhanced with multi-row selection capability. See the <a href="#">Batch Administration Job Multi-Update Capability</a> entry above in the Noteworthy Enhancements.
Health Check	35707712	POM Callback failing with “Unsupported Media Type” error is fixed.