Oracle®Retail Process Orchestration and Monitoring
Release Readiness Guide

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OracleRetail Process Orchestration and Monitoring Release Readiness Guide, Release 19.1.013.0

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Contents

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.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Customer Support

To contact Oracle Customer Support, access My Oracle Support at the following URL:

https://support.oracle.com

When contacting Customer Support, please provide the following:

- 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

Please give us feedback about Oracle Retail Help and Guides. You can send an e-mail to: retail-doc_us@oracle.com

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.

Table 1-1   Noteworthy Enhancements

Feature	Module Impacted	Scale	Delivered	Customer Action Required?
API to Adjust Business Date	Integration	Small	Enabled	No
Added Logging Capability	Logging	Small	Enabled	No
Scheduler Enhancement	Scheduler	Small	Enabled	Possible

API to Adjust Business Date

In this version, POM provides a new API to adjust the business date of a Batch Schedule. This allows for aligning the business date with other schedules or a customer's internal processing date. For example, if a customer uses their own scheduling mechanism to invoke batch runs in POM and they don't want to process a batch on the weekend, they can invoke this API after the batch is complete on Friday to advance the POM business date to Monday.

Path	/ProcessServices/services/private/administration/utilities/ alignBusinessDate
HTTP Method	POST

Request Payload	
	`{`
	    `"businessDate" : "2022-11-20",`
	    `"scheduleName" : "RPASCE",`
	    `"advanceDateOnly" : true,`
	    `"updateDependentSchedules" : true,`
	    `"comment": "To run schedule for 20-NOV-2022"`
	`}`
	
	The `advanceDateOnly` flag ensures that the business dates are being moved forward and not backwards. If any of the Schedules need to be adjusted to an older date, it will cause the request to fail. This is an optional flag that defaults to `false`.
	
	The `updateDependentSchedules` flag ensures that all the dependent schedules are adjusted to the same business date, along with the primary schedule. This is an optional flag that defaults to `false`.

Authentication	Authorization = Basic <Base64 Encoded Credentials>

For the full API specification, see the "Business Date Alignment" section of the Integration chapter in the *Process Orchestration and Monitoring 19.1 Implementation Guide*.

Added Logging Capability

POM previously lacked an audit trail for actions such as disabling the Scheduler, restarting the Schedule for the day, and so on.

In this version of POM, logging capabilities have been added for most actions performed on the UI and through APIs.

At this point, the logs containing these audit trails are only accessible by the Oracle AMS team. Customers need to contact Oracle support for inquiries related to the audit trail. In future versions, this audit trail will be accessible to customer administrators through the UI.

Scheduler Enhancement

In previous versions, POM omitted scheduling tasks if the Scheduler was disabled. In this version, POM has enhanced its Scheduler feature to schedule enabled tasks when a New Scheduler Day is created, even if the Scheduler is disabled for a given Batch Schedule. This ensures that enabled tasks are scheduled regardless of the Scheduler state, just in case someone has disabled the Scheduler temporarily and intendeds to enable it later.

Because of this change, actions by customers may be required depending on whether or not they use the POM Scheduler feature to schedule when jobs run.

If a customer does not use the POM Scheduler and therefore has it permanently disabled, then if there are Scheduler Tasks enabled on the Scheduler Administration screen, failure notifications will be generated for the `SchedulerTaskFailed` notification type when POM attempts to execute those tasks. The customer will even receive email notifications for those tasks if they have subscribed to receive those emails on the Manage Notifications feature of Retail Home. In previous versions, POM did not schedule those tasks when the Scheduler was disabled (as mentioned above) and thus this was not an issue. It is therefore recommended in this case to disable the individual scheduler tasks using the Scheduler Administration screen to prevent those notifications from being generated.

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	Summary
Logging	34793681	Request to add the feature of auditing the schedule change in POM. POM added logging capabilities for most actions performed in the UI and through APIs. See Added Logging Capability in the Feature Summary chapter above for more detail.
Installer	34535652	Fixed issue where a re-attempt of a failed upgrade resulted in multiple entries of the `session-config` in the `web.xml` of some war files. This in turn caused the UI to not open.
Notifications	N/A	Fixed an issue where a Job fails in POM when a notification's email recipient list string is longer than 400 characters.