

**Oracle® Retail Process Orchestration and
Monitoring**

JET UI User Guide

Release 19.1

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Primary Author:

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Oracle Retail Process Orchestration and Monitoring User Guide, Release 19.1

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Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

- Are the implementation steps correct and complete?
- Did you understand the context of the procedures?
- Did you find any errors in the information?
- Does the structure of the information help you with your tasks?
- Do you need different information or graphics? If so, where, and in what format?
- Are the examples correct? Do you need more examples?

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Preface

The *Oracle Retail Process Orchestration and Monitoring User Guide* describes the tracking and managing of batch jobs.

Audience

This guide is for system administrators and operations personnel, integrators and implementation staff personnel as well as users of the module.

Documentation Accessibility

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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

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 19.0) or a later patch release (for example, 19.0.1). If you are installing the base release, additional patch, and bundled hot fix releases, read the documentation

for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Improved Process for Oracle Retail Documentation Corrections

To more quickly address critical corrections to Oracle Retail documentation content, Oracle Retail documentation may be republished whenever a critical correction is needed. For critical corrections, the republication of an Oracle Retail document may at times not be attached to a numbered software release; instead, the Oracle Retail document will simply be replaced on the Oracle Technology Network Web site, or, in the case of Data Models, to the applicable My Oracle Support Documentation container where they reside.

This process will prevent delays in making critical corrections available to customers. For the customer, it means that before you begin installation, you must verify that you have the most recent version of the Oracle Retail documentation set. Oracle Retail documentation is available on the Oracle Technology Network at the following URL:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

An updated version of the applicable Oracle Retail document is indicated by Oracle part number, as well as print date (month and year). An updated version uses the same part number, with a higher-numbered suffix. For example, part number E123456-02 is an updated version of a document with part number E123456-01.

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Oracle Retail product documentation is available on the following Web site:

<http://www.oracle.com/technetwork/documentation/oracle-retail-100266.html>

(Data Model documents are not available through Oracle Technology Network. You can obtain them through My Oracle Support.)

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Common User Interface Controls

Oracle Retail applications, such as the Oracle Retail Process Orchestration and Monitoring (POM) application, include some common interface options and controls that you can use throughout the application workflow. The following sections describe these user interface controls in more detail.

Although you may have more than one Oracle Retail application installed on your system, each application may use many of the same interface components and abide by common rules and constraints.

You can quickly access the tasks of current applications and switch to other applications from the Navigation bar. For more information on the Navigation bar, see the [Navigation Area](#) section.

The following topics are covered in this chapter:

- [Logging on to the Application](#)
- [Navigation Area](#)
- [Table Menu Options](#)
- [Logging Out of the Application](#)

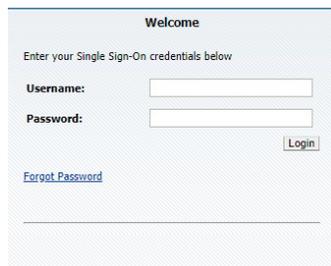
Logging on to the Application

To log on to the application:

1. Go to the URL for the application in a web browser.

The Welcome Screen opens.

Figure 1–1 Welcome Screen



The screenshot shows a web form titled "Welcome". Below the title, it says "Enter your Single Sign-On credentials below". There are two input fields: "Username:" and "Password:". To the right of the Password field is a "Login" button. Below the input fields is a link for "Forgot Password".

2. Provide the following login information:
 - a. Enter your user name in the **Username** field.

- b. Enter your password in the **Password** field.
3. Click **Login**.

Navigation Area

You can quickly access the tasks of current applications and switch to other applications from the Navigation bar.

Figure 1–2 *Navigation Bar*



The following Navigation bar options are common across all the applications:

- [Tasks](#)
- [Notifications](#)

Tasks

Oracle Retail applications support a variety of navigational tools and methods that allow you to move efficiently between application pages. Information on how to use and manage each of the tools and methods is included in this section.

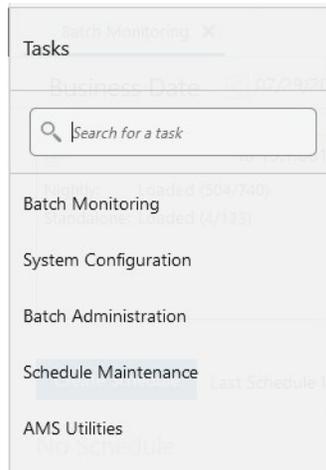
A task is a set of links to a series of task flows organized in a specific sequence to accomplish a business process or procedure. For example, tasks can be defined for common multi-step procedures or processes so that you can quickly step through tasks. By navigating sequentially to the pages outlined in the task, you are assisted in stepping through the business process or activity.

Your Tasks list appears on the top left side of the home page. All of the tasks to which you have access are listed on the Tasks window. You can either click on the specific task name to open, or use the Task Search component to search for a Task that you want to open.

To begin working with a task, choose the application feature or process from the list.

Note: Your task menu may appear slightly different, depending on your retail application.

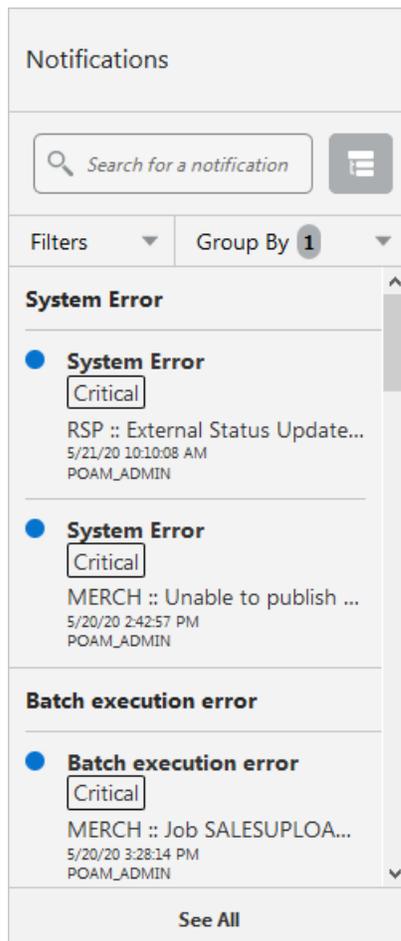
Figure 1-3 Tasks Menu



Notifications

The Notifications option brings events within the application to your attention. See the following examples:

Figure 1-4 Notifications



Notification Badge

The Notification Badge displays the number of unread notifications for the user in the sidebar menu. The Notification Badge displays '99+', when there are more than 99 notifications.

The notification count is periodically refreshed at regular intervals. This interval is determined by a system-configured value.

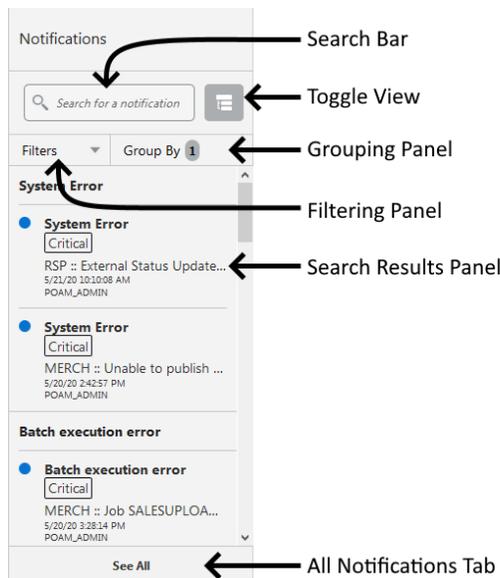
Figure 1-5 Notification Badge



Notification Sidebar

When you click the Notification icon, a Notifications Sidebar is shown that displays the most recent set of unread notifications in the notifications screen (depending on the filter set).

Figure 1-6 Notifications Sidebar



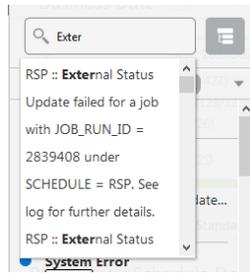
Each component of the Notifications Sidebar is discussed in detail in the following sections:

Search Bar

A search bar at the top of the panel allows for searching through notifications. The search bar has auto-suggest enabled, so it displays notifications as the user types.

Right next to the search bar is the 'List/Group' view toggle button. This causes the Notification results to be displayed either in a flat or grouped view.

Figure 1–7 Search Bar



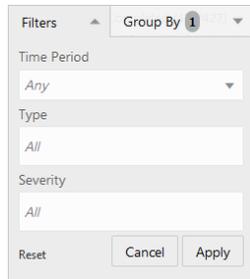
Filtering Panel

The Filtering Panel allows you to filter notifications based on the creation Time Period, Type and Severity.

The values for the Time Period and Severity components are pre-seeded constants. The Type drop-down lists all the notification types available in the system.

When you click the **Apply** button, notifications that match the criteria are shown in the Results Panel.

Figure 1–8 Filtering Panel

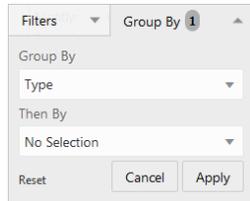


Grouping Panel

This panel allows you to group notifications based on different attributes.

The values of the 'Group by' and the 'Then by' components are pre-seeded.

Figure 1–9 Grouping Panel

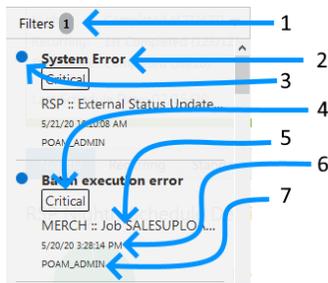


Results Panel - List View

When no selection is made in the Grouping panel, the Results Panel displays notifications in a list format.

The image below shows a simple search without any filtering or grouping.

Figure 1–10 Results Panel - List View



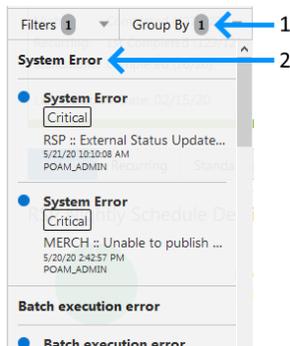
1. Indicates that one filter was applied.
2. Notification Type - A description of the Type is displayed.
3. Read/Unread - A blue icon ● is shown next to the notification if it is unread.
4. Notification Severity - A label indicating the severity of the notification is shown.
5. Description - The description associated with the notification. If the notification was designed to launch into a relevant flow, then this is displayed as a link. Otherwise, the description is rendered as plain text.
6. Creation Time - A timestamp that shows the date and time at which the notification was created.
7. User name - Creator of the notification.

Results Panel - Grouped View

Notifications are displayed in a grouped format within the Results panel, when the Group By drop-down in the Grouping Panel is selected.

Notifications are displayed in groups with three notifications shown for each group.

Figure 1–11 Results Panel - Grouped View



1. Indicates the Group-By drop-down is selected on the Grouping Panel.
2. The value of the Group-By attribute. In this example, the results were grouped by Notification Type. Hence the Notification Type is shown as the header of the group.

For each group, three notifications are shown followed by a 'See More' link. When you click this link, up to 25 notifications are displayed for that group.

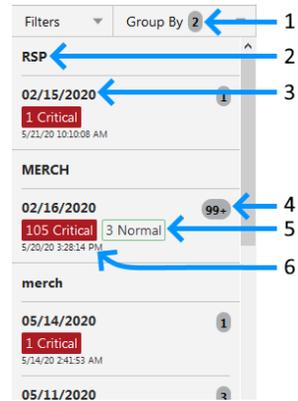
Results Panel - Summarized View

Notifications are summarized as shown in this example, when both the Group By and the Then By drop-downs in the Grouping Panel are selected.

The summary view displays various groups and within them subgroups based on the selections on the Grouping panel. For each subgroup, a count of the notifications within that subgroup, grouped by severity is displayed.

The example here depicts a grouping by department, then by class.

Figure 1–12 Results Panel - Summarized View

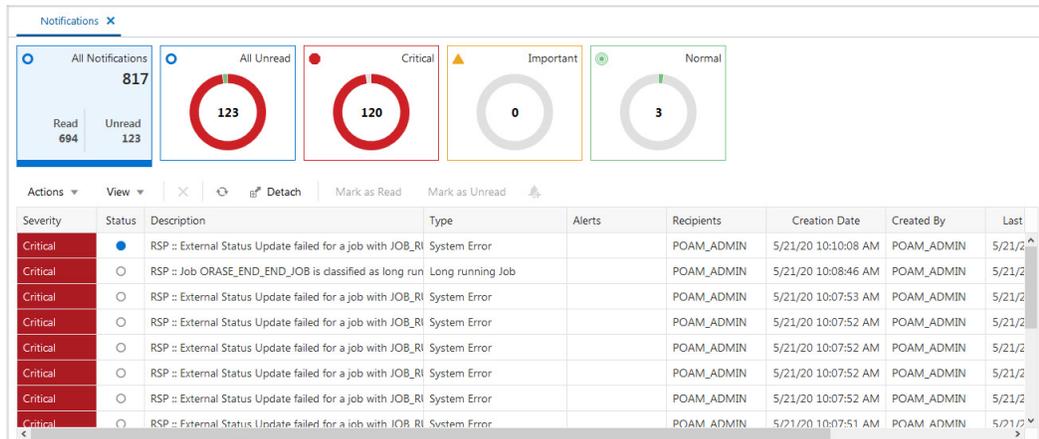


1. Indicates that both options on the Grouping Panel have been selected.
2. First level of grouping is by Schedule Name. Here the first type shown is 'RSP'.
3. The subgroup within Type 'RSP'. In this example, this is the Business Date.
4. The number of notifications within that combination of Group and Subgroup.
5. A grouping by severity of all notifications within that combination of Group and Subgroup.
6. The timestamp of the most recent notification of that combination of Group and Subgroup.

Notifications Tab

The Notifications tab opens when you click the 'See All' link at the bottom of the Notifications side panel.

Figure 1–13 Notifications Tab

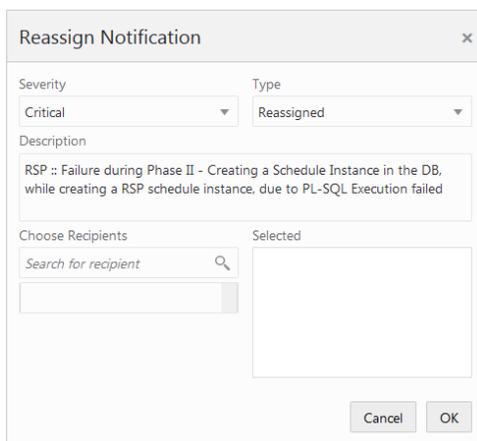


This tab lists all the notifications for the logged-in user, regardless of whether they are in Read or Unread status. Information tiles display a break-up of the total notifications by severity. Clicking these tiles refreshes the table below to display only those notifications that are relevant to that tile.

You can perform the following operations from this tab.

- Delete - The table allows for multiple selection and hence multiple notifications can be deleted at a time. Use the row header to select the row.
- Refresh - This refreshes the list of notifications in the table.
- Mark as Read - Multiple Unread Notifications can be marked as Read by clicking this button.
- Mark as Unread - Multiple Read Notifications can be marked as Unread by clicking this button.
- Reassign Notifications - Notifications can be reassigned to individual recipients or a group by clicking the Reassign Notifications icon. On selecting a row in the All Notifications table, and clicking the icon, the reassign notification popup is displayed. The Type is set to Reassigned by default, and the Severity and Description are pre-populated from the selected row; you can then change any of these values and assign the notification to one or more recipients.

Figure 1–14 Reassign Notification



The All Notifications table displays the following columns:

- Severity - A colored label indicating the Notification Severity.
- Status - If the status is unread, an icon ● is shown. Otherwise it is blank.
- Description - The description of the notification itself.
- Type- The description of the Notification Type for the notification.
- Alerts -
- Recipients - In case of individual notifications, this column contains the user ID of the user to whom the notification is assigned. When the notification is assigned to multiple users, it displays the text 'Multiple' and enables a context popup which lists all the recipients. This field is empty when the notification is assigned to a group associated with a type.
- Creation Date - Timestamp showing the date and time of creation.
- Created By - User ID of the user who created the notification.
- Last Updated Date - Timestamp showing the date and time when the last update was made.
- Last Updated By - User ID of the user who last updated the notification.
- Application ID - Unique identifier that identifies the application. Not visible by default.
- Department - The Department associated with the notification. Not visible by default.
- Class - The Class associated with the notification. Not visible by default.
- Subclass - The Subclass associated with the notification. Not visible by default.
- Location - The Location associated with the notification. Not visible by default.
- Supplier - The Supplier associated with the notification. Not visible by default.
- Performance - The Performance value associated with the notification. Not visible by default.
- Brand - The Brand associated with the notification. Not visible by default.
- Rollup Count - The Rollup Count associated with the notification. Not visible by default.
- Additional Information - Refers to the Additional Information attribute associated with the notification. Not visible by default.

Reports

The functionality of Reports works similar to the Tasks menu.

Table Menu Options

Note: [Figure 1–15](#), [Figure 1–16](#) are representations and may be different for every window/table/popup.

The Actions menu, View menu, and icons are displayed in the form of a table. For more information on these options, see the sections [Action Menu and Icons](#) and [View Menu](#).

Action Menu and Icons

The Actions menu provides the option to take different actions related to entries in the table. Depending on the nature of the table, these actions can be add, view, delete or edit table rows, create by moving to a new screen or export the table contents to the spreadsheet. Alternatively these actions can also be performed by using the icon buttons on the table toolbar. For more information on the icon/buttons, see the [Screen Level Action - Icons and Buttons](#).

In some tables, it may also contain some table specific actions.

Figure 1–15 Actions Menu and Icons

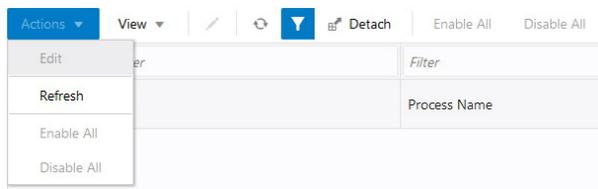


Table 1–1 Actions Menu/Icons and Descriptions

Actions Menu/Icon	Description
Refresh and Refresh icon 	Select Actions > Refresh or the Refresh icon  to update the records in the table.
Filter icon 	Select the Filter icon  to open fields that will filter the results. Use the filter fields to only show the rows matching or containing the entered information.
Detach and Detach Icon 	Select Actions > Detach or the Detach icon  to open the table in a separate window.

View Menu

The View menu provides the options for managing the table columns and sorting and filtering the table data.

In some tables you have the option to choose a saved custom view, which is an arrangement of columns different from the default view of the table.

Figure 1–16 View Menu

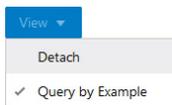


Table 1–2 View Menu/Icons and Descriptions

View Menu List	Description
Detach and Detach icon 	You can view the tables in the application in a separate window by selecting View > Detach or by using the Detach icon  .
Query by Example	You can filter the items by one or multiple column values by selecting View > Query by Example .

Screen Level Action - Icons and Buttons

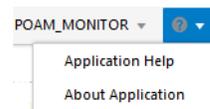
The screen level actions display the icons and buttons.

Table 1–3 Screen Level Action - Icons/Buttons and Description

Icons/Buttons	Description
Close window 	Click the  icon to close the window.

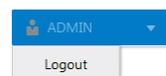
Application Help and About Application Links

Use the Help list menu on the top right of the window, to open tabs for Application Help or About Application.

Figure 1–17 Application Help Menu

Logging Out of the Application

Use the User list menu on the top right of the window, to log out of the application.

Figure 1–18 Logging Out of the Application

Process Orchestration and Monitoring

The Process Orchestration and Monitoring (POM) application is a user interface for scheduling, tracking and managing batch jobs.

Process Orchestration and Monitoring has the following tabs:

- [Batch Monitoring](#)
- [System Configuration](#)
- [Batch Administration](#)
- [Schedule Maintenance](#)
- [AMS Utilities](#)

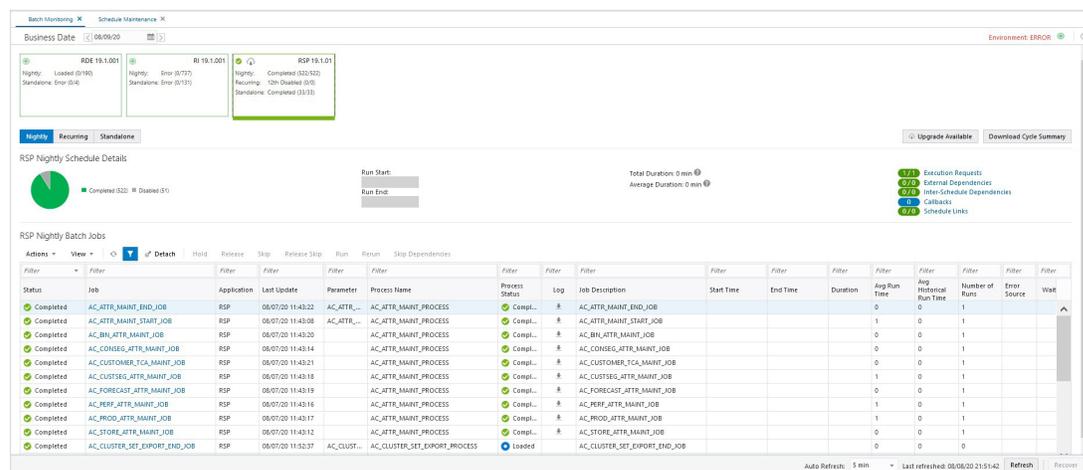
Batch Monitoring

The Batch Monitoring tab provides a runtime view of the statuses and dependencies with regard to the different batch cycles for the selected business day.

Select **Batch Monitoring** in the [Navigation Area](#) to open the Batch Monitoring tab.

The application will by default open for a business date where at least one schedule is active. If none found, it will open for the most recent business date where at least one schedule is active.

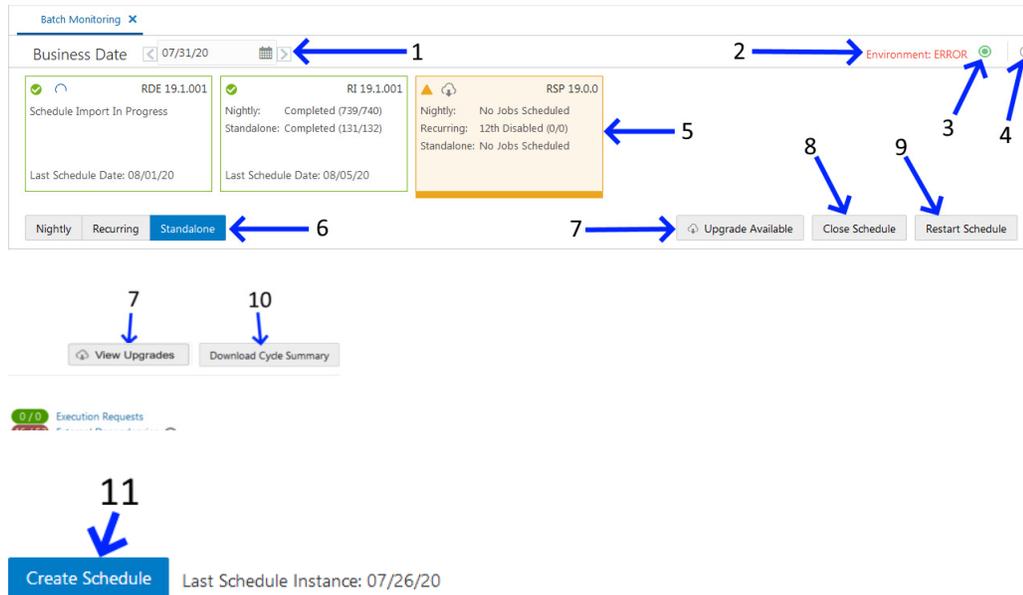
Figure 2–1 Batch Monitoring



Header

The header displays information about the batches displayed in the Batch Monitoring tab. You can also use the header selection to choose which schedule batches to display.

Figure 2–2 Batch Monitoring Header



1. **Business Date** - Displays the business date for the oldest schedules displayed in Batch Monitoring.
Use this field to select the oldest schedule displayed in Batch Monitoring.
2. **Environment Status** - If there is an error in an environment, this field will show an ERROR status.

Note: An error in this field does not necessarily mean that the system is not working. For example, it will show an error if a schedule has an error, or if a batch is not working.

3. **Execution Engine Status** - Displays the status of the execution engine.
Click this icon to show the status of the execution engine and the environments, or to manage the information displayed. See "[Status](#)" for more information.
4. **Help** - Click the Help icon  to open the help system.
5. **Environments** - Displays information about each environment integrated with Process Orchestration and Monitoring.
Select one of these panels to display information about that environment's batch processes.
6. **Monitoring Cycle** - Displays the monitoring cycle of the batches displayed.
Select a monitoring cycle to see the batches scheduled for that cycle. The following monitoring cycles are available:
 - Nightly
 - Recurring

- Standalone
7. **Upgrade Available** - Use this button to navigate to the Schedule Maintenance screen for the option to upgrade the batch schedule to a new version. This button only appears when there is a new version of the schedule available and there is no upgrade in progress or in error. When an upgrade is in progress or in error, the button caption changes to **View Upgrades** which also navigates the user to the Schedule Maintenance screen.
 8. **Close Schedule** - Use this button to close the schedule. This button only appears for Active schedules.
 9. **Restart Schedule** - Use this button to restart the schedule. This button only appears for Active schedules.
 10. **Download Cycle Summary** - Use this button to download a summary for the currently selected business day for the selected schedule. Once clicked, the [Download Cycle Summary](#) dialog provides the user options to select the cycle and format. This button only appears for Completed schedules.
 11. **Create Schedule** - Use this button to create a new Scheduler Day. This button only appears when a schedule tile is selected for which there is no open Scheduler Day. Click this button to create a new Scheduler Day for the selected schedule for the business date following the last schedule instance.

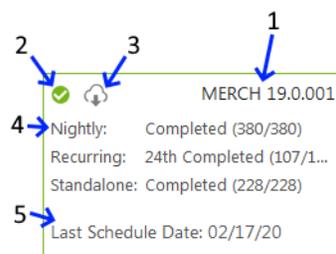
Schedule Tiles

Each schedule tile displays information for a batch schedule that POM is responsible for running.

Select a tile to display the list of batch processes for that schedule.

Each panel displays the following information:

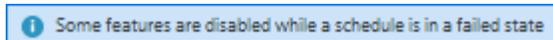
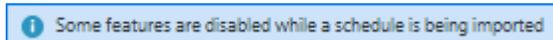
Figure 2-3 Schedule Tile



Note:

- A red tile with a red cloud indicates that a new schedule version upgrade has failed. Navigate to the [Schedule Maintenance](#) screen by clicking on the **View Upgrades** button to address the failure.
- A blue spinner in the top left of the tile (2) indicates that the schedule is in the process of being upgraded to a new version. The user can navigate to the [Schedule Maintenance](#) screen by clicking on the View Upgrades button to check the progress of the upgrade.

When a schedule is being upgraded or when the schedule upgrade has failed, the user is prevented from most activities on the Batch Monitoring and on the Batch Administration screen.



- An orange tile indicates that there is no instance of the schedule for the selected business date.

1. **Schedule name and Version** - Displays the abbreviation of the application or application group and the software version.
2. **Run Status** - Displays the status of the batch processes.
 - Completed
 - Active
 - Error
3. **Schedule Upgrade** - A grey cloud indicates that a newer version of the batch schedule is available.

A red cloud indicates that schedule upgrade has failed. Navigate to the [Schedule Maintenance](#) screen to address the failure.

A blue spinner indicates that a schedule upgrade is in progress.

4. **Monitoring Cycles and Statures** - Displays the number of completed and total processes for each monitoring cycle.
5. **Last Schedule Date** - Indicates the last date on which the batch processes were configured.

Batch Jobs Header

The batch jobs header displays the following information:

Figure 2–4 Batch Jobs Header



Run Status Chart

The run status chart shows a chart summary of the status of the different batches (including the number of batch jobs with that status) that are included in the selected cycle for the selected schedule. The possible statuses are:

- Loaded - Jobs are in loaded state when the scheduler day is first created.
- Pending - Job is waiting to run.
- Completed - Job ran successfully on the system.
- Error - A failure occurred due to an issue in the environment or the job's application.
- Held - An administrator placed the job on hold.
- Skipped - An administrator has skipped the running of the job so the remaining jobs in the cycle can proceed.
- Running - Job is currently running on the system.
- Long Running - The job's run time has exceeded a threshold. This threshold is calculated by multiplying the job's average run time and the Long Run Average Time Multiplier defined on the schedule Settings section of the [System Configuration](#) screen.
- Disabled - Job was disabled by an administrator on the [Batch Administration](#) screen.
- System Held - Job was placed on hold by the system due to a lack of resources to run it.
- Skipped on Error - Job was preconfigured to be skipped on a failure.
- Waiting - Job is waiting for completion of pre-dependencies (Hourly Cycle, Nightly Cycle, External Dependency and Inter-Schedule Predecessor Jobs).

Completed Batch Job Statistics

For completed batch jobs, the batch job header shows the following information:

- Run Start
- Run End
- Total Duration
- Average Duration

Active Batch Job Statistics

Note: Active Batch Job Statistics are not yet implemented. They will be implemented in a future version of POM.

For active batch jobs, the batch job header shows the following information:

- Estimated Completion Time
- Estimated Time Remaining
- Total Duration
- Average Duration

- Run Start

Batch Information

The batch information area displays the following information about the batch process results:

- **Execution Requests** - Displays the number of completed executions and the total number of execution requests. Click to open the [Execution Requests Window](#).
- **External Dependencies** - Displays the number of successful and total number of external dependencies. Click to open the [Batch Cycle Details Screen](#).
- **Inter-Schedule Dependencies** - Displays the number of successful and total number of inter-schedule dependencies. Click to open the [Batch Cycle Details Screen](#).
- **Callbacks** - Displays the number of successful and total number of callbacks. Click to open the [Batch Cycle Details Screen](#).
- **Schedule Links** - Displays the number of successful and total number of schedule links. Click to open the [Batch Cycle Details Screen](#).

Execution Requests Window

The Execution Requests window displays information about execution requests for a batch.

Click **Done** or the close window icon  to close the window.

Figure 2–5 Execution Requests Window

The screenshot shows a window titled "Execution Requests for MERCH Nightly". It contains two main sections:

Execution Requests Summary:

Execution ID	Status	Cycle	Flow	Scheduler Day	Total Jobs	Completed	Pending	Skipped	Failed
316	Loaded	Nightly	Nightly	2524	400	0	396	3	1

Execution ID 316 Details:

Job Run ID	Status	Job Name	Process Name	Job Execution ID	Last Update
410082	Loaded	ALC_SIZE_PROFILE_LOAD_JOB	ALC_SIZE_PROFILE_TRANSFORM_LOAD_PROCE...		
410084	Loaded	ALC_SNAP_SHOT_ALLOC_IN_JOB	ALC_SNAP_SHOT_ALLOC_IN_PROCESS		
410085	Loaded	ALC_SNAP_SHOT_ALLOC_OUT_JOB	ALC_SNAP_SHOT_ALLOC_OUT_PROCESS		
410086	Loaded	ALC_SNAP_SHOT_CROSS_LINK_JOB	ALC_SNAP_SHOT_CROSS_LINK_PROCESS		
410087	Loaded	ALC_SNAP_SHOT_CUST_ORD_JOB	ALC_SNAP_SHOT_CUST_ORD_PROCESS		
410088	Loaded	ALC_SNAP_SHOT_ON_ORD_JOB	ALC_SNAP_SHOT_ON_ORD_PROCESS		
410089	Loaded	ALC_SNAP_SHOT_SOH_JOB	ALC_SNAP_SHOT_SOH_PROCESS		
410090	Loaded	ALLCCTB_JOB	ALLCCTB_PROCESS		

At the bottom right of the window is a "Done" button.

Execution Requests

This section displays the following information about each execution request in the batch process:

- Execution ID

- Status
- Cycle
- Flow
- Scheduler Day
- Total Jobs
- Completed
- Pending
- Skipped
- Failed
- System Held
- Submitted

See [Table Menu Options](#) in the "Common User Interface Controls" for information about the options available for this section.

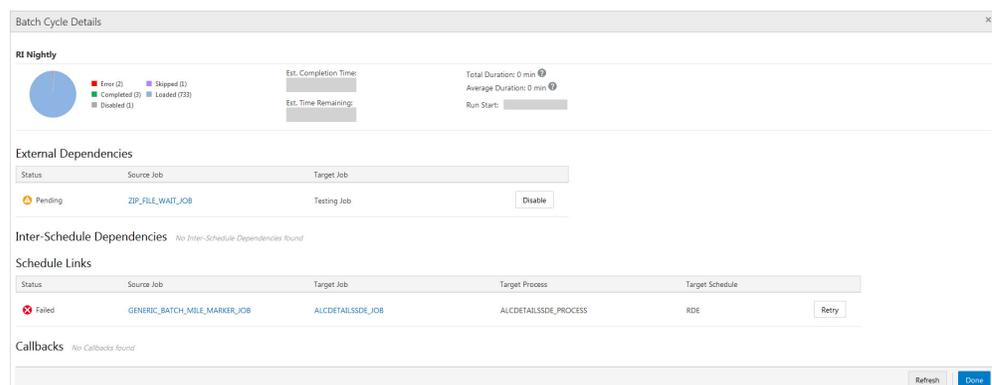
Execution Details

This section displays the following information about each job ruby the execution request:

- Job Run ID
- Status
- Job Name
- Process Name
- Job Execution ID
- Last Update
- First Job
- Error Info

See [Table Menu Options](#) in the "Common User Interface Controls" for information about the options available in this section.

Batch Cycle Details Screen



The Batch Cycle Details screen displays the following sections:

Header

The header displays the following information about the batch cycle:

- [Run Status Chart](#)

Completed Batch Job Statistics For completed batch jobs, the batch job header shows the following information:

- Run Start
- Run End
- Total Duration
- Average Duration

Active Batch Job Statistics For active batch jobs, the batch job header shows the following information:

Note: Active Batch Job Statistics are not yet implemented. They will be implemented in a future version of POM.

- Estimated Completion Time
- Estimated Time Remaining
- Total Duration
- Average Duration
- Run Start

External Dependencies

External Dependencies

Status	Source Job	Target Job	
 Pending	W_RTL_CURR_MCAL_G_JOB	Testing1	<input type="button" value="Disable"/>
 Pending	ZIP_FILE_WAIT_JOB	Testing Job	<input type="button" value="Disable"/>

The External Dependencies section lists all the external batch job dependencies for the entire current Schedule. These dependencies are only shown if the system level external dependencies indicator is turned on. An external dependency is usually a dependency on a customer's internal process. This dependency is released once the customer calls an endpoint into POM for a specific POM job.

The following information is displayed for each external dependency:

- Status
- Source Job - Click to open the job in the [Batch Job Details](#) screen. The source job is a job in the current schedule which is dependent on the external (target) job.
- Target Job - The job that, when complete, will release the dependency which the source job is waiting on.
- A **Disable/Enable** button to disable or enable the dependency.

Inter-Schedule Dependencies

Inter-Schedule Dependencies					
Status	Source Job	Target Job	Target Process	Target Schedule	
Pending	ZIP_FILE_WAIT_JOB	ALCDTAILSSDE_JOB	ALCDTAILSSDE_PROCESS	RDE	Disable

The Inter-Schedule Dependencies section lists all the inter-schedule batch job dependencies for the entire current Schedule. These dependencies are only show if the system level inter-schedule dependencies indicator is turned on. An inter-schedule dependency links the current schedule and a target schedule where a job in the target schedule is dependent on the completion of a job in the current schedule.

The following information is displayed for each inter-schedule dependency:

- Status
- Source Job - Click to open the job in the [Batch Job Details](#) screen.
- Target Job - Click to open the job in the [Batch Job Details](#) screen. Target job is dependent on the source job.
- Target Process - Process containing the target job.
- Target Schedule - Schedule containing the target process/job.
- A **Disable/Enable** button to disable or enable the dependency.

Schedule Links

Schedule Links					
Status	Source Job	Target Job	Target Process	Target Schedule	Info
Pending	GENERIC_BATCH_MILE_MARKER_JOB	ALCDTAILSSDE_JOB	ALCDTAILSSDE_PROCESS	RDE	Disable

A schedule link links the current schedule and a target schedule where the current schedule does not start until the completion of a job in the target schedule.

The following information is displayed for each schedule link:

- Status
- Source Job - Click to open the job in the [Batch Job Details](#) screen. The job in the current schedule which starts the current batch when the Target Job completes.
- Target Job - Click to open the job in the [Batch Job Details](#) screen. The job in the Target Schedule which when completes fulfills the dependency for the Source Job in the current schedule.
- Target Process - The process which the Target job belongs to. - The schedule whose job is a dependency for the job in the current schedule.
- Info - Shows information regarding error if failed or skipped.
- Target Schedule
- If it was not successful, a **Retry** button to retry the schedule link.

Callbacks

Callbacks					
Status	Job	Process	Date	Payload	Info
Failed	W_INT_ORG_DH_RTL_TMP_JOB	LOAD_DIM_INITIAL_ADHOC		Payload	Info
Failed	W_RTL_ORG_RECLASS_TMP_JOB	LOAD_DIM_INITIAL_ADHOC		Payload	Info

The Callbacks section lists all the external status update request and response callbacks based on the External Status Update mode set in the External [System Configuration](#) screen.

The following information is displayed for each callback:

- Status
- Job - Click to open the job in the [Batch Job Details](#) screen.
- Process - Process containing the job.
- Date of callback
- A [Payload](#) link to display the [Payload Window](#) for the callback.
- An [Info](#) link to display the [Info Window](#) describing the callback response.
- If the callback was not successful, a [Retry](#) button to retry the callback.

Batch Jobs

Status	Job	Application	Last Update	Parameter	Process Name	Process Status	Log	Job Description	Start Time	End Time
Error	START_BATCH_JOB	RMS	05/28/20 19:20:59	prepost #Sy...	START_BATCH_PROCESS	Error		Sets the RMS_BATCH_STATUS.BATCH_RUNN...		
Held	BOL_RPLFirGenLdgr_Ti_Pf_From_RMS_JOB	RMS	05/28/20 18:59:24	FirGenLdgr...	BOL_RPLFirGenLdgr_Ti_Pf_From_RMS_PRO...	Loaded		Kicks off BOL process FirGenLdgr_Ti_Proces...		
Skipped	STOP_RIB_ADAPTOR_INV_JOB	RMS	05/28/20 19:18:14	dummy #Sy...	STOP_RIB_ADAPTOR_INV_PROCESS	Completed		Shuts down inventory adapters		
Skipped	DISABLE_RIB_PUB_TRIGGER_JOB	RMS	05/28/20 19:19:52	manage_tab...	DISABLE_RIB_PUB_TRIGGER_PROCESS	Completed		Disables RIB publishing triggers in RMS. As o...		
Skipped	DUMMY_START_NIGHT_BATCH_JOB	RMS	05/28/20 19:15:58	dummy #Sy...	DUMMY_START_NIGHT_BATCH_PROCESS	Completed		Indicates the start of the nightly batch run.		
Loaded	ALC_DAILY_CLEANUP_JOB	ALLOC	05/28/20 18:58:50	#SysOptAl...	ALC_DAILY_CLEANUP_PROCESS	Loaded		Cleans up all the Work tables.		
Loaded	ALC_DASHBOARD_REFRESH_JOB	ALLOC	05/28/20 18:58:50	#SysOptAl...	ALC_DASHBOARD_REFRESH_PROCESS	Loaded		Refreshes the allocation dashboard data.		
Loaded	ALC_PLAN_LOAD_JOB	ALLOC	05/28/20 18:58:50	plan_01.dat.1	ALC_PLAN_TRANSFORM_LOAD_PROCESS	Loaded		Loads the Plan Data to the ALC_PLAN Table.		
Loaded	ALC_PLAN_TRANSFORM_JOB	ALLOC	05/28/20 18:58:50	#SysOptAl...	ALC_PLAN_TRANSFORM_LOAD_PROCESS	Loaded		Transforms the Plan Data.		
Loaded	ALC_PURGE_ALLOC_JOB	ALLOC	05/28/20 18:58:50	#SysOptAl...	ALC_PURGE_ALLOC_PROCESS	Loaded		Purges all deleted and closed allocations.		

The Batch Jobs section lists all the batch jobs for the selected schedule and the selected cycle. The table displays the following information:

- Status
 - Loaded - Jobs are in loaded state when the scheduler day is first created.
 - Pending - Job is waiting to run.
 - Completed - Job ran successfully on the system.
 - Error - A failure occurred due to an issue in the environment or the job's application.
 - Held - An administrator placed the job on hold.
 - Skipped - An administrator has skipped the running of the job so the remaining jobs in the cycle can proceed.
 - Running - Job is currently running on the system.
 - Long Running - The job's run time has exceeded a threshold. This threshold is calculated by multiplying the job's average run time and the Long Run Average Time Multiplier defined on the schedule Settings section of the [System Configuration](#) screen.
 - Disabled - Job was disabled by an administrator on the [Batch Administration](#) screen.
 - System Held - Job was placed on hold by the system due to a lack of resources to run it.
 - Skipped on Error - Job was preconfigured to be skipped on a failure.

- Waiting - Job is waiting for completion of pre-dependencies (Hourly Cycle, Nightly Cycle, External Dependency and Inter-Schedule Predecessor Jobs).
- Job - Click to open the job in the [Batch Job Details](#) screen.
- Application
- Last Update
- Parameter
- Process Name
- Process Status
- Log
- Job Description
- Start Time
- End Time
- Duration
- Average Run Time
- Average Historical Run Time
- Number of Runs
- Error Source
- Waiting
- Waiting Reasons

Actions Menu and Icons

See "[Action Menu and Icons](#)" for common actions that can be performed through the Action menu and the icons. You can also perform the following actions:

Table 2–1 Batch Jobs - Actions Menu/Icons and Description

Actions Menu/Icons	Description
Hold	Use the Actions > Hold or the Hold button to put the process on hold.
Skip	Use the Actions > Skip or the Skip button to skip the process.
Run	Use the Actions > Run or the Run button to run the process immediately.
Rerun	Use the Actions > Rerun or the Rerun button to run the job again.
Edit Parameters	Use the Actions > Edit Parameters or the Edit Parameters button to edit the parameters for the job. The new parameters are only effective for the current day's batch run.

View Menu

See "[View Menu](#)" for information about the options in the View menu.

Footer

The screen can be set to auto refresh periodically by selecting the pre-defined interval from the **Auto Refresh** list. By default, this value is set to five minutes on page load.

Use the **Refresh** button to refresh the screen immediately.

Use the **Recover** button to automatically attempt fixing system failures and resume the schedule. This is useful if there is a system or communications failure that interrupts the execution of a schedule.

Last refreshed shows the time and date of the last refresh of the interface.

Batch Job Details

The Batch Job Details screen provides detailed information about a batch job.

Depending upon the status of the job, one or more of the following buttons will be available at the top of the screen:

- Hold
- Run - This is available only for Standalone jobs.
- Release
- Release Skip
- Rerun
- Skip

Figure 2–6 Batch Job Details

Batch Job Details

Job STOP_RIB_ADAPTOR_INV_JOB

Job Status: Skipped Release Skip

Executions

Status	ID	Job Run ID	Start Time	End Time	Log
Error	21641	413116			Log

Pre Dependencies

Status	Job	Process
Completed	DUMMY_START_NIGHT_BATCH_JOB	DUMMY_START_NIGHT_BATCH_PROCESS

Post Dependencies

Status	Job	Process
Completed	DISABLE_RIB_PUB_TRIGGER_JOB	DISABLE_RIB_PUB_TRIGGER_PROCESS

External Dependencies No External Dependencies found

Inter-Schedule Dependencies No Inter-Schedule Dependencies found

Schedule Links

Status	Job	Process	Schedule	
Skipped	REFRESHJOBVARIABLES_JOB	SETUP_PROCESS	RDE	Retry

Callbacks

Status	Job	Process	Payload	Info	
Failed	STOP_RIB_ADAPTOR_INV_JOB	STOP_RIB_ADAPTOR_INV_PROCESS	Payload	Info	Retry

Refresh Done

Executions

If the job was executed, this section displays the following information about the job execution:

- Status
- ID
- Job Run ID
- Start Time
- End Time
- Log - Provides a link to download the execution log.

Pre Dependencies

This section displays the following information about job pre-dependencies:

- Status
- Job - Click to open the job in the [Batch Job Details](#) screen.
- Process
- A **Disable/Enable** button is available for jobs that have not yet completed.

Post Dependencies

This section displays the following information about job post-dependencies:

- Status
- Job - Click to open the job in the [Batch Job Details](#) screen.
- Process
- A **Disable/Enable** button is available for jobs that have not yet completed.

External Dependencies

External Dependencies

Status	Job	
 Pending	Testing Job	<input type="button" value="Disable"/>

An external dependency is usually a dependency on a customer's internal process. This dependency is released once the customer calls an endpoint into POM for a specific POM job. This section displays the following information about job external dependencies:

- Status
- Job - Click to open the job in the [Batch Job Details](#) screen. The job that, when complete, will release the dependency which the currently displayed job is waiting on.
- A **Disable/Enable** button is available for jobs that have not yet completed.

Inter-Schedule Dependencies

Inter-Schedule Dependencies

Status	Job	Process	Schedule	
 Pending	ALCDETAILSSDE_JOB	ALCDETAILSSDE_PROCESS	RDE	<input type="button" value="Disable"/>

An inter-schedule dependency links the current schedule and a target schedule where a job in the target schedule is dependent on the completion of the currently displayed job in the current schedule. This section displays the following information about job inter-schedule dependencies:

- Status
- Job - Click to open the job in the [Batch Job Details](#) screen. Job which is dependent on the source job.
- Process - Process containing the job.
- Schedule - Schedule containing the process/job.

- A **Disable/Enable** button is available for jobs that have not yet completed.

Schedule Links

Schedule Links

Status	Job	Process	Schedule	Info
Pending	ALCDTAILSSDE_JOB	ALCDTAILSSDE_PROCESS	RDE	Disable

This section displays the following information about schedule links for a job:

- Status
- Job - Click to open the job in the [Batch Job Details](#) screen. The job in the Target Schedule that, when completed, will fulfill the dependency for the currently displayed schedule.
- Process - The process the job belongs to.
- Schedule - The schedule whose job is a dependency for the job in the current schedule.
- Info - Shows information regarding error if failed or skipped.
- A **Disable/Enable** button is available for jobs that have not yet completed.
- A **Retry** button is available for schedule links with a Skipped or Failed status.

Callbacks

Callbacks

Status	Job	Process	Date	Payload	Info
Failed	W_INT_ORG_DH_RTL_TMP_JOB	LOAD_DIM_INITIAL_ADHOC		Payload	Info

This section displays the external status update request and response callbacks based on the External Status Update mode set in the External [System Configuration](#) screen. This section displays the following information about job callbacks:

- Status
- Job - Click to open the job in the [Batch Job Details](#) screen.
- Process
- A **Payload** link to display the [Payload Window](#) for the callback.
- An **Info** link to display the [Info Window](#) describing the callback response.
- A **Retry** button is available for callbacks with a Skipped or Failed status.

Payload Window

The callback payload window shows the field name and value for each field in the payload.

Select **Done** to close the window.

Figure 2–7 Callback Payload Window

STOP_RIB_ADAPTOR_INV_JOB Payload	
externalURL	http://nsh008888dww.us.oracle.com:8018/ExternalCallbackTestAp...
processName	MERCH_DUMMY_START_NIGHT_BATCH_PROCESS
processExecutionId	MERCH_DUMMY_START_NIGHT_BATCH_PROCESS~316
activityName	STOP_RIB_ADAPTOR_INV_JOB
activityExecutionId	413116
callbackServiceDataDetail.rootProcess	MERCH_DUMMY_START_NIGHT_BATCH_PROCESS
callbackServiceDataDetail.rootProcessExecId	MERCH_DUMMY_START_NIGHT_BATCH_PROCESS~316
status	ERROR
activityStatus	ACTIVITY_FAILED

Done

Info Window

The callback info window shows information about a request and response.

Select **Done** to close the window.

Figure 2–8 Callback Info Window

STOP_RIB_ADAPTOR_INV_JOB Info	
Received ReST Exception : javax.ws.rs.ProcessingException: java.net.UnknownHostException: nsh008888dww.us.oracle.com Exception : External Callback system cant be validated	

Done

Status

The Status sidebar displays information about the execution engine and the environments that Process Orchestration and Monitoring communicates with to execute batches.

Figure 2–9 Status Sidebar

Status	
<div style="background-color: #e0f0e0; padding: 2px; border: 1px solid #ccc; display: inline-block;"> ● Execution Engine Admin </div>	
✘ RSP Health Check	Job Admin ↗ ● Active
✘ RPASCE Health Check	Job Admin ↗ ● Active
✘ RI Health Check	Job Admin ↗ ● Active
✘ MERCH Health Check	Job Admin ↗ ● Active
✘ RDE Health Check	Job Admin ↗ ● Active

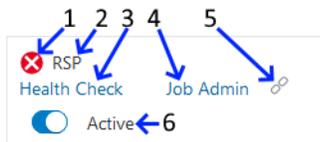
Execution Engine

Displays the status of the execution engine, and an **Admin** link to configure the execution engine in [Execution Engine Administration](#).

Environment Statuses

Displays the following for each environment:

Figure 2–10 Environment Status



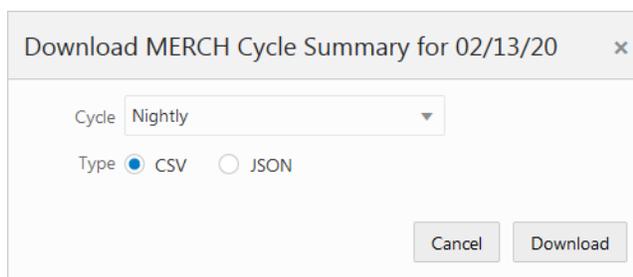
1. **Status** - Icon indicating the current status of the integration with the environment. This will be either success or error .
2. **Environment** - Abbreviation of the environment name.
3. **Health Check** - Opens the [Health Check](#) for the environment.
4. **Job Admin** - Opens the [Job Admin](#) for the environment.
5. **Link** - A toggle switch that enables/disables inter-schedule dependencies with the corresponding schedule
6. **Active/Inactive Switch** - Turning the switch deactivates the job administration for the environment.

Download Cycle Summary

Use the Download Cycle Summary window to download information about a completed batch cycle:

1. Click **Download Cycle Summary** in the [Batch Jobs Header](#).
The Batch Cycle Summary window opens.

Figure 2–11 Download Cycle Summary Window



2. Use the **Cycle** menu to select the cycle for which to download the summary.
3. Select the **Type** of data to download: **CSV** (comma-separated values) or **JSON**.
4. Click **Download** to download the summary file, or click **Cancel** to close the window without downloading.

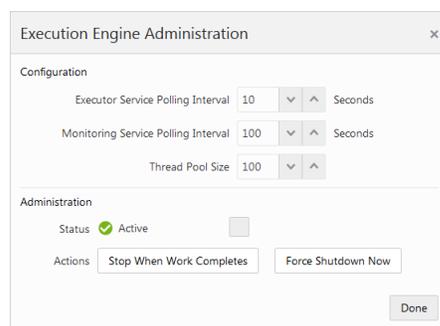
Execution Engine Administration

The Execution Engine Administration window allows you to configure the communication between the user interface and the execution engine.

Select the **Done** button to close the window.

This window has the following configurations:

Figure 2–12 Execution Engine Administration Window

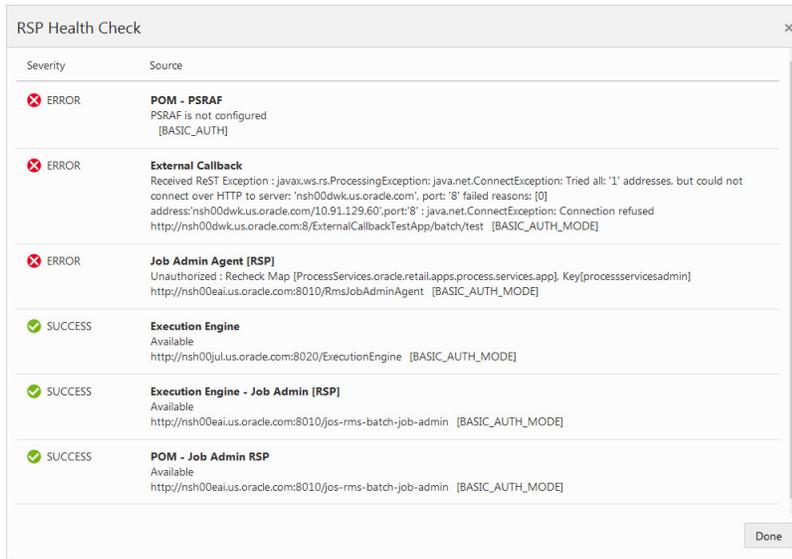


- **Executor Service Polling Interval** - Determines the number of seconds between each polling interval for the batch execution process on Process Orchestration and Monitoring.
- **Monitoring Service Polling Interval** - Determines the number of seconds between each polling interval for the monitoring process on Process Orchestration and Monitoring.
- **Thread Pool Size** - Maximum number of concurrent threads permitted for use by the Execution Engine.
- **Status** - The status of the communication with the Execution Engine for Process Orchestration and Monitoring.
- **Refresh** - This button refreshes the information in the user interface.
- **Stop When Work Complete** - This button shuts down batch processing when the currently running batch processes have stopped.
- **Force Shutdown Now** - This button shuts down batch processing immediately, including all batch processing currently running.

Health Check

The Health Check window displays the status of the processes communicating with the environment.

Figure 2–13 Health Check Window



This window displays the following for each communication process:

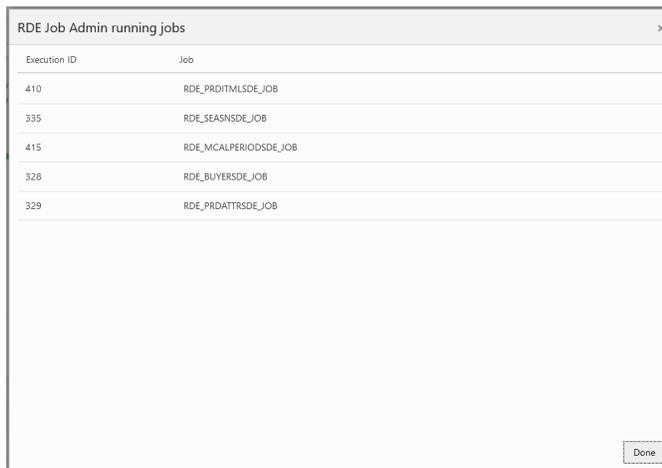
- **Severity** - The severity of any errors in communication:
 - ✓ **SUCCESS** - The process communicates successfully.
 - ✗ **ERROR** - The process is not communicating with the environment.
- **Source** - The name of the process and the response received by the process.

Job Admin

The Job Admin Running Jobs window displays the batch jobs currently running on an integrated environment.

Select the Done button to close the window.

Figure 2–14 Job Admin Running Jobs Window



This window displays the following information for each process.

- **Execution ID**

- Job

System Configuration

The System Configuration screen allows an administrator to modify parameters and connection properties for the environments integrated with Process Orchestration and Monitoring. It also allows an administrator to maintain POM application level configurations.

Select **System Configuration** in the [Navigation Area](#) to open the System Configuration tab.

Figure 2–15 System Configuration

Environment	Settings	Throttling	Environment	External Configuration
RSP 19.0.0	Business Date: 05/23/20 Last Schedule Update: / Data Retention Days: 30 Long Run Average Time Multiplier: 3 External Dependencies: Enabled InterSchedule Dependencies: Disabled Throttling: Job Admin RMS: Disabled	Throttling: Job Admin RMS: Disabled	RPASCE 19.0.0	Business Date: 05/21/20 Last Schedule Update: / Data Retention Days: 30 Long Run Average Time Multiplier: 2 External Dependencies: Disabled InterSchedule Dependencies: Enabled Throttling: Job Admin RMS: Disabled
RI 18.0.002.8	Business Date: 06/13/20 Last Schedule Update: / Data Retention Days: 30 Long Run Average Time Multiplier: 4 External Dependencies: Disabled InterSchedule Dependencies: Enabled Throttling: Job Admin RMS Throttle Limit: 5	Throttling: Job Admin RMS Throttle Limit: 5	MERCH 19.0	Business Date: 05/21/20 Last Schedule Update: / Data Retention Days: 30 Long Run Average Time Multiplier: 2 External Dependencies: Enabled InterSchedule Dependencies: Disabled Throttling: Job Admin RMS Throttle Limit: 10
RDE 18.0.002.9.2	Business Date: 05/21/20 Last Schedule Update: / Data Retention Days: 30 Long Run Average Time Multiplier: 2 External Dependencies: Enabled InterSchedule Dependencies: Disabled Throttling: Job Admin RDE Throttle Lim: 10	Throttling: Job Admin RDE Throttle Lim: 10		

Schedule Settings and Connection Configuration

Select the **Schedules** button in the [System Configuration](#) tab to configure the connection for an environment.

The following information is shown for each environment:

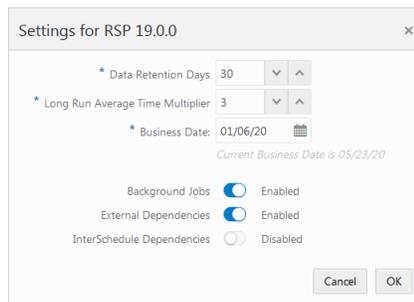
- Schedule name abbreviation.
- Schedule version number.
- **Business Date** - Date for which the specific schedule's batches will run next.
- **Last Schedule Update** - Last date on which the schedule was updated.
- **Settings** - See [Edit Settings](#) for details.
 - Data Retention Days
 - Long Run Average Time Multiplier
 - External Dependencies
 - InterSchedule Dependencies
- **Throttling** - See [Edit Throttling](#) for details.
 - Job Admin Throttle Limit
- **Environment** - See [Edit Environment](#) for details.
 - Platform Services Version
 - Platform Services URL

- Job Admin URL
- **External Configuration** - See [Edit External Configuration](#) for details.
 - External URL
 - External Status Update Mode
 - Credentials

Edit Settings

To edit the settings for an environment, click the edit icon  in the Settings section to open the Settings window.

Figure 2–16 Edit Settings Window



The following settings are available in this window:

- **Data Retention Days** - Number of days for which data is to be retained
- **Long Run Average Time Multiplier** - Used to calculate when a job is considered long running.

A job is long running when its current run time is longer than this number times than the average run time of that job. For example, if a job's average run time is 3 minutes, and the Long Run Average Time Multiplier is 3, then the job is considered long running if it has been running for at least 9 minutes. A notification is sent when a job is deemed long running.
- **Business Date** - The earliest business date for which to run batch schedules. See ["Business Date Explained"](#) for an explanation of how POM uses this setting.
- **Background Jobs** - Enable or disable background jobs.
- **External Dependencies** - A switch for enabling or disabling external dependencies.
- **InterSchedule Dependencies** - A switch for enabling or disabling InterSchedule dependencies.

Select **OK** to save the changes, or select **Cancel** to exit the window without saving changes.

Business Date Explained

When the business date is initially set, it's supposed to be set as the First Run Business Date. It's meant for the POM application to compare to the Current Business Date (shown below the Business Date on the screen). If the (First Run) Business Date is earlier than the Current Business Date, POM will run the next batch schedule for the day after the Current Business Date. If the (First Run) Business Date is later than the

Current Business Date, POM will run the next batch schedule for that date rather than the day after the Current Business Date.

Note: the Current Business Date advances automatically every time batch completes for the day

The reason the (First Run) Business Date is updatable on this screen, is to give the ability to start the next schedule run at that date, skipping some run days. Here are a couple example scenarios:

Scenario 1: Common Scenario

System Configuration screen's Business Date: 11/28/2019

System Configuration screen's Current Business Date: 08/12/2019

The next batch schedule run will be for business date 08/13/2019.

When that batch run starts, the Current Business Date advances to 08/13/2019 and the screen is updated accordingly.

Scenario 2: Skip a Few Days

System Configuration screen's Business Date: 11/28/2019

System Configuration screen's Current Business Date: 08/12/2019

User changes the Business Date on the Config UI to 08/18/2019

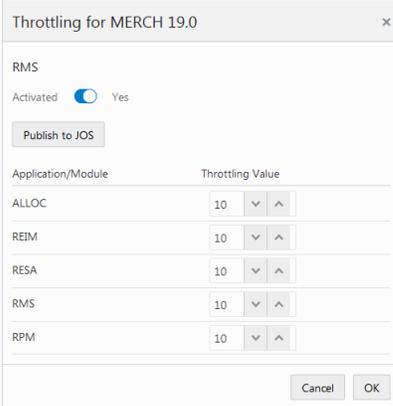
The next schedule run will be for business date 08/18/2019.

When that batch run starts, the Current Business Date moves to 08/18/2019 (since the (First Run) Business Date is greater than Current Business Date) and the screen will be updated accordingly. The (First Run) Business date will remain at 08/18/2019 until changed by an administrator on this screen.

Edit Throttling

The throttling settings can be changed by selecting the edit icon  in the Throttling section to open the Throttling window.

Figure 2–17 Edit Throttling Window



Application/Module	Throttling Value
ALLOC	10
REIM	10
RESA	10
RMS	10
RPM	10

The following settings are available in this window:

- **Activated** - When set to Yes, the Job Admin will throttle the running of jobs according to the setting defined here.
- **Publish to JOS** - Pushes the throttle values from this screen to the JOS Job Admin.
- **Application/Module** - This section allows for update of the throttling value for each application or module in the environment.

Select **OK** to save the changes, or select **Cancel** to exit the window without saving changes.

Edit Environment

The environment settings can be changed by selecting the edit icon  in the Environment section to open the Environment window.

Figure 2–18 Edit Environment Window



The following settings are available in this window:

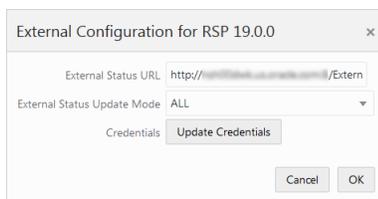
- **MDF Enabled** - MDF stands for Module Definition Framework. When enabled, at the start of each day POM will synchronize itself with the available applications and modules defined in the customer's environment.
- **Platform Services Version** - Version of the currently deployed Platform Services
- **Platform Services URL**
- **Job Admin URL**

Select **OK** to save the changes, or select **Cancel** to exit the window without saving changes.

Edit External Configuration

The external configuration settings can be changed by selecting the edit icon  in the External Configuration section to open the External Configuration window.

Figure 2–19 Edit External Configuration Window



The following settings are available in this window:

- **External Status URL** - Customer system's URL that is called when POM is to notify the customer's system. Note that this calling feature is also referred to as Callback.
- **External Status Update Mode** - Job status for which POM is to call the customer's URL. This menu has the following options:
 - **ALL** - POM will make a call for each job's execution regardless of success or failure.
 - **FAILED** - POM will make a call only for failed jobs.
 - **NONE** - POM will never make a call.
- **Update Credentials** - When clicked, User Name and Password fields are shown. Setting these values will update the credentials POM uses to call the customer's URL.

Select **OK** to save the changes, or select **Cancel** to exit the window without saving changes.

System Settings

Select the System button in the System Configuration tab to view the system configuration for Process Orchestration and Monitoring.

Figure 2–20 System Information Screen

Edit System Settings

Select the edit icon  in the System Information screen to open the System Settings window.

Figure 2–21 Edit System Settings Window

The following settings are available in this window:

- **Environment Name** - This is the physical environments name such as '<customer name> stage 1'.
- **Customer Name**
- **Scheduler** - Switch for enabling or disabling the POM Scheduler.
- **Process Services URL** - This setting cannot be changed. It shows the value of POM's services URL.
- **Platform Services URL** - This setting cannot be changed. It shows the value of the Platform Services URL.

Select **OK** to save the changes, or select **Cancel** to exit the window without saving changes.

Global Edit

Select the Global Edit button to open the Global Edit screen. This screen sets configurations for all the schedules. Refer to the sections above for explanation of the different configurations.

Figure 2–22 Global Edit Screen

The screenshot shows the 'Global Edit' window. At the top, there is a header 'Global Edit' and a blue information bar that says 'Select fields to apply as updates to all schedules.' Below this is a 'Settings' section with a table:

Apply	Label	Value
<input type="checkbox"/>	Data Retention Days	[Spinner]
<input type="checkbox"/>	Long Run Average Time Multiplier	[Spinner]
<input type="checkbox"/>	Business Date:	[Date Picker]
<input type="checkbox"/>	Background Jobs	<input type="checkbox"/>
<input type="checkbox"/>	External Dependencies	<input type="checkbox"/>
<input type="checkbox"/>	InterSchedule Dependencies	<input type="checkbox"/>

Below the settings is an 'External Configuration' section with another table:

Apply	Label	Value
<input type="checkbox"/>	External URL	[Text Field]
<input type="checkbox"/>	External Status Update Mode	[Dropdown: ALL]
<input type="checkbox"/>	Credentials	[Form with Username and Password fields]

Use the **Apply** check boxes to activate the fields for the settings to be applied to all schedules. The following settings can be applied to all schedules:

- Data Retention Days
- Long Run Average Time Multiplier
- Business Date
- Background Jobs
- External Dependencies
- InterSchedule Dependencies

- External URL
- External Status Update Mode
- Credentials:
 - Username
 - Password

Batch Administration

The batch administration screen provides the ability to maintain information specific to the batch schedule.

Select **Batch Administration** in the [Navigation Area](#) to open the Batch Administration tab.

Figure 2–23 Batch Administration

The screenshot shows the Batch Administration interface. At the top, there are four cycle tabs: RSP 18.0.002 (selected), MERCH 19.0.001, Ri 18.0.002.6.1, and RDE 18.0.002.3. Below the tabs, there are buttons for 'Export Config' and 'Import Config'. The main area is titled 'RSP Standalone' and contains a table of batch jobs. The table has columns for 'Enabled', 'Job', 'Process Name', 'Application', 'Module', 'Parameters', 'Active Parameter', 'External Status Update', 'Skip On Error', and 'Time'. The table contains 16 rows of data, each representing a different batch job configuration.

Enabled	Job	Process Name	Application	Module	Parameters	Active Parameter	External Status Update	Skip On Error	Time
<input checked="" type="radio"/>	AC_PROD_ATTR_LOC_SHARE_PROCESS_A	AC_PROD_ATTR_LOC_SHARE_ADHOC	RSP	CS_Attr_S...	null	null	None	<input checked="" type="checkbox"/>	0
<input type="radio"/>	AC_PROD_ATTR_LOC_SHARE_SETUP_ADH	AC_PROD_ATTR_LOC_SHARE_ADHOC	RSP	CS_Attr_S...	-YYYYMMDD-eYYYYMMDD-fY	-YYYYMM...	None	<input type="checkbox"/>	0
<input type="radio"/>	DT_LOC_RANGE_PROCESS_ADHOC_JOB	DT_LOC_RANGE_ADHOC	RSP	DT_Required	null	null	None	<input checked="" type="checkbox"/>	0
<input checked="" type="radio"/>	DT_LOC_RANGE_SETUP_ADHOC_JOB	DT_LOC_RANGE_ADHOC	RSP	DT_Required	-YYYYMMDD-eYYYYMMDD-fY	-YYYYMM...	None	<input checked="" type="checkbox"/>	0
<input type="radio"/>	DT_PROD_LOC_RANGE_PROCESS_ADHOC	DT_PROD_LOC_RANGE_ADHOC	RSP	DT_Required	null	null	None	<input type="checkbox"/>	0
<input type="radio"/>	DT_PROD_LOC_RANGE_SETUP_ADHOC_JC	DT_PROD_LOC_RANGE_ADHOC	RSP	DT_Required	-YYYYMMDD-eYYYYMMDD-fY	-YYYYMM...	None	<input type="checkbox"/>	0
<input checked="" type="radio"/>	RSE_BATCH_DISABLE_ADHOC_JOB	RSE_BATCH_DISABLE_ADHOC	RSP	MBA_Batc...	null	null	Failed	<input checked="" type="checkbox"/>	2
<input type="radio"/>	RSE_BATCH_ENABLE_ADHOC_JOB	RSE_BATCH_ENABLE_ADHOC	RSP	MBA_Batc...	null	null	Failed	<input type="checkbox"/>	0
<input checked="" type="radio"/>	RSE_CUST_ATTR_LOY_PROCESS_ADHOC	RSE_CUST_ATTR_LOY_ADHOC	RSP	CS_CustM...	null	null	None	<input type="checkbox"/>	0
<input type="radio"/>	RSE_CUST_ATTR_LOY_SETUP_ADHOC_JOI	RSE_CUST_ATTR_LOY_ADHOC	RSP	CS_CustM...	-YYYYMMDD-eYYYYMMDD-fY	-YYYYMM...	None	<input checked="" type="checkbox"/>	0
<input checked="" type="radio"/>	RSE_CUST_ENG_METRIC_BASE_PROCESS	RSE_CUST_ENG_METRIC_BASE_ADHOC	RSP	CS_CustM...	null	null	None	<input checked="" type="checkbox"/>	0
<input type="radio"/>	RSE_CUST_ENG_METRIC_BASE_SETUP_AD	RSE_CUST_ENG_METRIC_BASE_ADHOC	RSP	CS_CustM...	-YYYYMMDD-eYYYYMMDD-fY	-YYYYMM...	None	<input checked="" type="checkbox"/>	0
<input type="radio"/>	RSE_CUST_ENG_METRIC_CALC_PROCESS	RSE_CUST_ENG_METRIC_CALC_ADHOC	RSP	CS_CustM...	null	null	None	<input type="checkbox"/>	0
<input type="radio"/>	RSE_CUST_ENG_METRIC_CALC_SETUP_AC	RSE_CUST_ENG_METRIC_CALC_ADHOC	RSP	CS_CustM...	-YYYYMMDD-eYYYYMMDD-fY	-YYYYMM...	None	<input type="checkbox"/>	0
<input type="radio"/>	RSE_FAKE_CUST_PROCESS_ADHOC_JOB	RSE_FAKE_CUST_ADHOC	RSP	DT_TXN, C...	null	null	None	<input type="checkbox"/>	0

Batch Administration Header

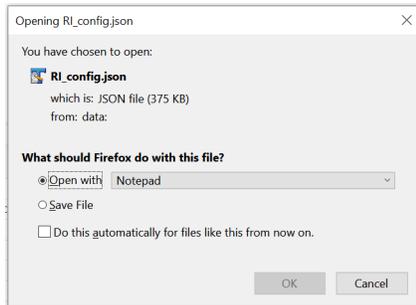
The Batch Administration header includes the following options:

1. **Batch Tiles** - There is a batch tile for each software environment Process Orchestration and Management connects to. Select a tile to show the batch processes for that environment. See ["Batch Tiles"](#) for more information about these tiles.
2. **Cycle Tabs** - Displays the cycles for which batch information is to be maintained. Select a cycle tab to see the batch details for that cycle. The following cycles are available:

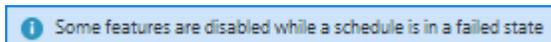
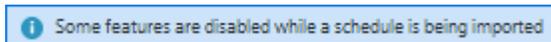
- Nightly
- Recurring
- Standalone

3. **Export Config** - Export the configurations for the selected schedule and cycle. These configurations include throttle values, data retention values and (most importantly) which jobs are enabled or disabled.

When clicked, a JSON file save/open dialog opens.



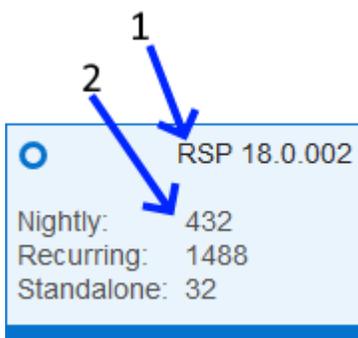
4. **Import Config** - Use this button to import new batch configurations for the selected schedule and cycle. When clicked, a file selector dialog is displayed (not shown). User should only select a JSON file that has been exported using the Export function described above, usually from another environment.
5. When a schedule is being upgraded using the Schedule Maintenance screen or when the schedule upgrade has failed, the user is prevented from most activities on the Batch Monitoring and on the Batch Administration screen.



Batch Tiles

Each tile displays the following information:

Figure 2–24 Batch Tile



1. **Schedule Name and Version** - Displays the abbreviation of the application or application group and the software version.
2. **Cycles and Statuses** - Displays the number of batch processes for each cycle.

Batch List

The information in the batch list depends upon the cycle chosen:

- [Nightly](#)

- [Recurring](#)
- [Standalone](#)

Actions Menu and Icons

See "[Action Menu and Icons](#)" for common actions that can be performed through the Action menu and the icons. You can also perform the following actions:

Table 2–2 Batch Jobs - Actions Menu/Icons and Description

Actions Menu/Icons	Description
Edit and Edit icon 	Select an item in the table, then select Actions > Edit or the edit icon  to edit the item.
Enable All	Use the Actions > Enable All or the Enable All button to put the process on hold.
Disable All	Use the Actions > Disable All or the Disable All button to skip the process.

View Menu

See "[View Menu](#)" for information about the options in the View menu.

Nightly

The nightly cycle displays the following information for each batch:

Figure 2–25 Nightly Batch List

MERCH Nightly

Actions View     Detach Enable All Disable All

Enabled	Job	Process Name	Application	Module	Parameters	Active Parameter	External Status Update	Skip On Error	Thre Time
<input checked="" type="checkbox"/>	ALC_DAILY_CLEANUP_JOB	ALC_DAILY_CLEANUP_PROCESS	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_DASHBOARD_REFRESH_JOB	ALC_DASHBOARD_REFRESH_PROCESS	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_PLAN_LOAD_JOB	ALC_PLAN_TRANSFORM_LOAD_PROCE...	ALLOC		plan_01 dat 1	plan_01 da...	None	✓	0
<input checked="" type="checkbox"/>	ALC_PLAN_TRANSFORM_JOB	ALC_PLAN_TRANSFORM_LOAD_PROCE...	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_PURGE_ALLOC_JOB	ALC_PURGE_ALLOC_PROCESS	ALLOC		#SysOpt.AllocAppUser PURGE_ALLOC	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_PURGE_WRK_JOB	ALC_PURGE_WRK_PROCESS	ALLOC		#SysOpt.AllocAppUser PURGE_WORKSH...	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_RECEIPT_LOAD_JOB	ALC_RECEIPT_TRANSFORM_LOAD_PR...	ALLOC		receipt_01 dat 1	receipt_01....	None	✓	0
<input checked="" type="checkbox"/>	ALC_RECEIPT_TRANSFORM_JOB	ALC_RECEIPT_TRANSFORM_LOAD_PR...	ALLOC		null	null	None	✓	0
<input checked="" type="checkbox"/>	ALC_SCHEDULER_JOB	ALC_SCHEDULER_PROCESS	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_SHRINK_SESSION_JOB	ALC_SHRINK_SESSION_PROCESS	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_SIZE_PROFILE_LOAD_JOB	ALC_SIZE_PROFILE_TRANSFORM_LOA...	ALLOC		profile_01 dat 1	profile_01...	None	✓	0
<input checked="" type="checkbox"/>	ALC_SIZE_PROFILE_TRANSFORM_JOB	ALC_SIZE_PROFILE_TRANSFORM_LOA...	ALLOC		null	null	None	✓	0
<input checked="" type="checkbox"/>	ALC_SNAP_SHOT_ALLOC_IN_JOB	ALC_SNAP_SHOT_ALLOC_IN_PROCESS	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_SNAP_SHOT_ALLOC_OUT_JOB	ALC_SNAP_SHOT_ALLOC_OUT_PROCESS	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0
<input checked="" type="checkbox"/>	ALC_SNAP_SHOT_CROSS_LINK_JOB	ALC_SNAP_SHOT_CROSS_LINK_PROCE...	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	✓	0

- Enabled
- Job - Click the Job to open the batch in the [Batch Job Details](#) screen.
- Process Name
- Application - A schedule may be made up of multiple applications. There needs to be at least one application.
- Module - An application may be made up of multiple modules. Modules within an application are optional.
- Parameters - A job may be run with a list of input parameters. This column always shows the original list of parameters.
- Active Parameter - This column shows the customized list of parameters.

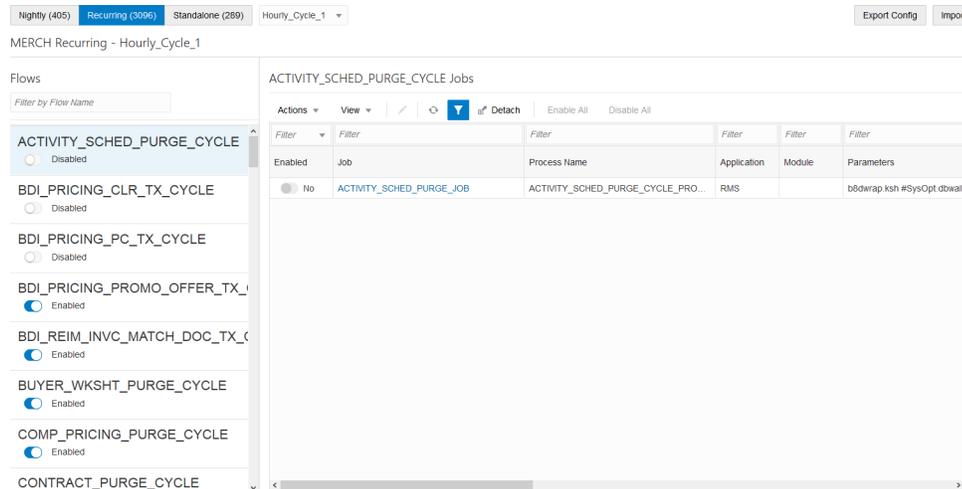
- External Status Update - Job status for which POM is to call a customer's URL. The URL is defined in the External Configuration section of the System Configuration screen. This column has the following possible values:
 - ALL - POM will make a call for this job's execution regardless of success or failure.
 - FAILED - POM will make a call only for if this job fails.
 - NONE - POM will not make a call.
- Skip On Error - Skip this job if it fails.
- Threshold Run Time (Seconds) - Amount of time greater than which the job is deemed long running.
- Notes
- Job Name
- Job Wrapper Name
- Days of the Week - Days of the week for which the job is to be run.

Recurring

The Recurring cycle includes an **Hourly Cycle** menu. Select an hour in this menu to choose the hour of the day during which the displayed jobs will run.

The recurring cycle includes the following information for each batch:

Figure 2–26 Recurring Batch List



- Flows - Select a flow in the Flows list to view all jobs for that flow. The following information is shown for each flow:
 - Flow Name
 - Enabled or Disabled
- Jobs - The Jobs list shows the following information for each job. Refer to the Nightly cycle above for an explanation of each field:
 - Enabled
 - Job - Click the Job to open the batch in the [Batch Job Details](#) screen.

- Process Name
- Application
- Module
- Parameters
- Active Parameter
- External Status Update
- Skip On Error
- Threshold Run Time (Seconds)
- Notes
- Job Name
- Job Wrapper Name
- Days of the Week

Standalone

The standalone monitoring cycle includes the following information for each batch. Refer to the Nightly cycle above for an explanation of each field:

Figure 2–27 Standalone Batch List

Enabled	Job	Process Name	Application	Module	Parameters	Active Parameter	External Status Update	Skip On Error	Time
<input checked="" type="checkbox"/>	ADMIN_API_PURGE_JOB	ADMIN_API_PURGE_PROCESS	RMS		admin_api_purge.ksh #SysOpt.dbwallet	admin_api...	None	<input checked="" type="checkbox"/>	0
<input checked="" type="checkbox"/>	ALC_DASHBOARD_REFRESH_JOB	ALC_DASHBOARD_REFRESH_PROCESS...	ALLOC		#SysOpt.AllocAppUser	#SysOpt.Al...	None	<input checked="" type="checkbox"/>	0
<input checked="" type="checkbox"/>	ALLOCBT_JOB	ALLOCBT_PROCESS ADHOC	RMS		allocbt.ksh #SysOpt.dbwallet	allocbt.ksh...	None	<input checked="" type="checkbox"/>	0
<input checked="" type="checkbox"/>	ASYNC_JOB_STATUS_RETRY_CLEANUP_JOB	ASYNC_JOB_STATUS_RETRY_CLEANUP...	RMS		async_job_status_retry_cleanup.ksh #Sys...	async_job...	None	<input checked="" type="checkbox"/>	0
<input checked="" type="checkbox"/>	BATCH_RFMVCURROINV_JOB	BATCH_RFMVCURROINV_PROCESS_AD...	RMS		batch_rfmvcurroinv.ksh #SysOpt.dbwallet	batch_rfmv...	None	<input checked="" type="checkbox"/>	0
<input type="checkbox"/>	BDL_CodeDetail_Fnd_Pf_From_RMS_JOB	BDL_CodeDetail_Fnd_Pf_From_RMS_PR...	RMS		CodeDetail_Fnd_ProcessFlow_From_RMS...		None	<input type="checkbox"/>	0
<input type="checkbox"/>	BDL_CodeHead_Fnd_Pf_From_RMS_JOB	BDL_CodeHead_Fnd_Pf_From_RMS_PR...	RMS		CodeHead_Fnd_ProcessFlow_From_RMS...		None	<input type="checkbox"/>	0
<input type="checkbox"/>	BDL_DeliverySlot_Fnd_Pf_From_RMS_JOB	BDL_DeliverySlot_Fnd_Pf_From_RMS_PR...	RMS		DeliverySlot_Fnd_ProcessFlow_From_RM...		None	<input type="checkbox"/>	0
<input type="checkbox"/>	BDL_DiffGrp_Fnd_Pf_From_RMS_JOB	BDL_DiffGrp_Fnd_Pf_From_RMS_PROCE...	RMS		DiffGrp_Fnd_ProcessFlow_From_RMS Diff...		None	<input type="checkbox"/>	0
<input type="checkbox"/>	BDL_Diff_Fnd_Pf_From_RMS_JOB	BDL_Diff_Fnd_Pf_From_RMS_PROCESS...	RMS		Diff_Fnd_ProcessFlow_From_RMS Diff_Fn...		None	<input checked="" type="checkbox"/>	0
<input type="checkbox"/>	BDL_FinisherAddr_Fnd_Pf_From_RMS_JOB	BDL_FinisherAddr_Fnd_Pf_From_RMS_P...	RMS		FinisherAddr_Fnd_ProcessFlow_From_R...		None	<input type="checkbox"/>	0
<input checked="" type="checkbox"/>	BDL_InvAvailStore_Tx_Pf_From_RMS_JOB	BDL_InvAvailStore_Tx_Pf_From_RMS_PR...	RMS		InvAvailStore_Tx_ProcessFlow_From_RM...	InvAvailSto...	None	<input checked="" type="checkbox"/>	0
<input checked="" type="checkbox"/>	BDL_InvAvailWh_Tx_Pf_From_RMS_JOB	BDL_InvAvailWh_Tx_Pf_From_RMS_PRO...	RMS		InvAvailWh_Tx_ProcessFlow_From_RMS I...	InvAvailWh...	None	<input checked="" type="checkbox"/>	0
<input type="checkbox"/>	BDL_InvSupCtryDim_Fnd_Pf_From_RMS_JOB	BDL_InvSupCtryDim_Fnd_Pf_From_RMS_P...	RMS		ISupCtryDim_Fnd_ProcessFlow_From_R...		None	<input type="checkbox"/>	0
<input type="checkbox"/>	BDL_InvSupCtry_Fnd_Pf_From_RMS_JOB	BDL_InvSupCtry_Fnd_Pf_From_RMS_PRO...	RMS		ISupCtry_Fnd_ProcessFlow_From_RMS It...		None	<input type="checkbox"/>	0

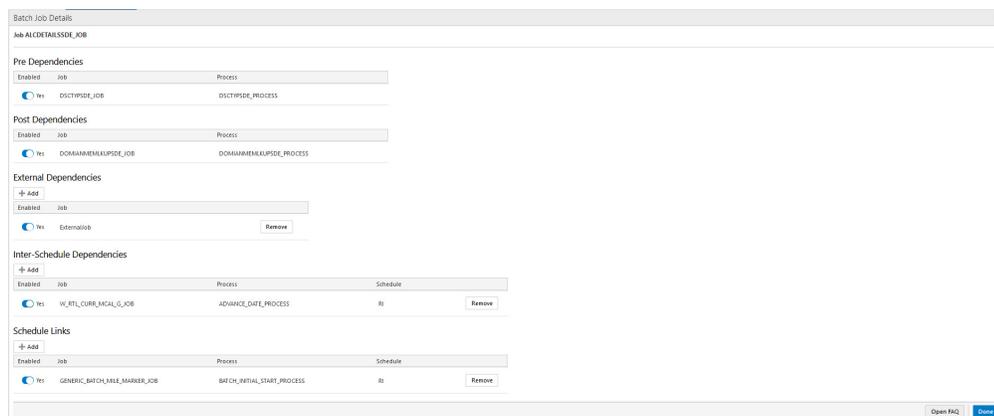
- Enabled
- Job - Click the Job to open the batch in the [Batch Job Details](#) screen.
- Process Name
- Application
- Module
- Parameters
- Active Parameter
- External Status Update

- Skip On Error
- Threshold Run Time (Seconds)
- Notes
- Job Name
- Job Wrapper Name
- Days of the Week

Batch Job Details

The Batch Job Details screen allows maintenance of various types of dependencies associated with a batch job.

Figure 2–28 Batch Job Details



Pre Dependencies

This section displays the following information about a job's pre-dependencies:

- Enabled - Switch to enable or disable the pre-dependency.
- Job
- Process

Post Dependencies

This section displays the following information about a job's post-dependencies:

- Enabled - Switch to enable or disable the post-dependency.
- Job
- Process

External Dependencies

This section allows for the maintenance of the following information about a job's external dependencies. An external dependency is normally a process internal to a customer's system.

- Enabled - Switch to enable or disable the external dependency.
- Job

- A **Remove** button is available to delete the external dependency.

Inter-Schedule Dependencies

This section allows for the maintenance of the following information about a job's inter-schedule dependencies. An inter-schedule dependency is a dependency for the current job on a job belonging to another batch schedule. The job for which this Jobs Detail screen is shown will wait for the job entered here.

- Enabled - Switch to enable or disable the inter-schedule dependency.
- Job - Name of job belonging to the other schedule.
- Process - Name of process containing Job.
- Schedule - Name of other schedule containing the dependency.
- A **Remove** button is available to delete the inter-schedule dependency.

Schedule Links

This section allows for the maintenance of the following information about schedule links for a job. Schedule links are a way to link schedules together where the completion of the job in the current schedule causes the start of execution of the dependent schedule.

- Enabled - Switch to enable or disable the schedule link.
- Job - Name of job belonging to the dependent schedule.
- Process - Name of process containing Job.
- Schedule - Name of the dependent schedule.
- A **Remove** button is available to delete the schedule link.

Schedule Maintenance

The Schedule Maintenance screen displays information about the batch schedule upgrade results. You can upgrade a batch schedule to a new version through this screen.

Figure 2–29 Schedule Maintenance Tab

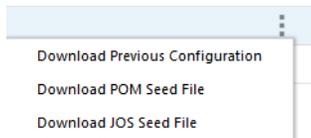
The screenshot shows the 'Schedule Maintenance' interface. At the top, there are four batch tiles: 'MERCH 19.0.002' (Error on Stage 5), 'RDE 18.0.002.3', 'RI 18.0.002.6.1', and 'RSP 18.0.002'. Below these is a 'Versions' section with an 'Import Latest Schedule' button. A table below shows the upgrade status for various versions.

Upgrade Status	Version	Date Upgraded	Description	Actions
Upgrade Available	19.1	NA	Merch Batch Schedule	Upgrade
Error on Stage 5	19.0.002	05/18/20	NA	Retry
Current Version	19.0.001	05/18/20	Merch Batch Schedule	
Past Version	16.1	04/24/20	NA	

1. **Batch Tiles** - There is a batch tile for each schedule available in Process Orchestration and Management. Select a tile to show the history of the selected schedule's upgrades or available upgrades.
2. **Import Latest Schedule** - Use this button to upgrade the selected schedule from a spreadsheet. When clicked, a file selector dialog is displayed (not shown).

The import file is a spreadsheet.

3. **Update History Status List** - Displays information about each past or available upgrade of the batch schedule. This menu displays the following information for each batch upgrade:
 - Upgrade Status
 - Version
 - Date Upgraded
 - Description
4. **Upgrade** - Use this button to upgrade the schedule. This button only appears for schedules for which an upgrade available.
5. **Retry** - Use this button to retry a failed update. This button only appears for schedules that have not completed successfully.
6. **Download files menu** - Use this menu to download schedule files. See "[Download Files](#)" for more information.



Download Files

Click on the ellipses then select from the download files menu to download files for an upgrade version. This menu has the following options:

- [Download Previous Configuration](#)
- [Download POM Seed File](#)
- [Download JOS Seed File](#)

Download Previous Configuration

Use the **Download Previous Configuration** option to download a file containing the specific schedule version configurations. This file is in JSON format.

Download POM Seed File

Use the **Download POM Seed File** to download an SQL file with POM seed data for the specific schedule version.

Download JOS Seed File

Use the **Download JOS Seed File** option to download an XML file with JOS Job Admin seed data for the specific schedule version.

Footer

The screen can be set to auto refresh periodically by selecting the pre-defined interval from the **Auto Refresh** list. By default, this value is set to 30 minutes on page load which means the Auto Refresh is turned off.

Use the **Refresh** button to refresh the screen immediately.

Last refreshed shows the time and date of the last refresh of the interface.

AMS Utilities

The AMS Utilities are functions performed only by the Oracle administrators.

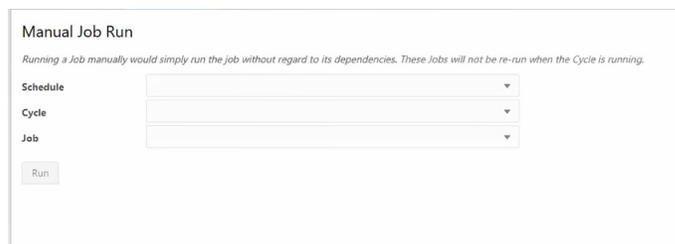
Select **AMS Utilities** in the Navigation Area to open the AMS Utilities tab.

Manual Job Run

The AMS Utilities screen contains multiple utilities, the first of which is the Manual Job Run. An Oracle administrator uses this utility to run a job for a particular schedule from either the Nightly or Hourly cycle. Once the selections are made, the user clicks on Run to submit the job for execution. The user then uses the Batch Monitoring screen to monitor the execution of the job.

Note that a job that is manually run on this UI is run standalone without regard to dependencies.

Figure 2–30 *Manual Job Run*



The screenshot shows the 'Manual Job Run' utility interface. It features a title bar 'Manual Job Run' and a subtitle 'Running a Job manually would simply run the job without regard to its dependencies. These Jobs will not be re-run when the Cycle is running.' Below the subtitle are three dropdown menus labeled 'Schedule', 'Cycle', and 'Job'. A 'Run' button is located at the bottom left of the form.

User Roles

Roles are used to classify users based on job responsibilities and actions to be performed in the Oracle Retail Process Orchestration and Monitoring application (POM). Using roles, a user's access can be restricted to specific areas or functions within the application. In POM, users must be associated with at least one job role in order to access the application.

The following topics are covered in this chapter:

- [Roles](#)
- [Functional Access by Role](#)

Roles

POM comes available with a set of pre-defined roles described in the table below. In addition to the roles, the table contains an alias for each role which is used in the next section for easier reading.

Note: The first three roles have thus far been associated with POM's classic user interface and are being deprecated along with the classic user interface itself. Customers need to migrate to the other four roles before those classic roles are removed.

These roles have been given similar access in the new user interface as the access they had in the classic user interface.

Table 3-1 Roles

Role	Alias	Description
BATCH_MONITORING_JOB	Monitor	One of the classic user interface roles. Users within this role are typically retailer administrators responsible for monitoring and executing batch. They can perform select activities on the Batch Monitor screen to move the schedule along.
BATCH_BUSINESS_JOB	Business User	Another one of the classic user interface roles. Users within this role are typically retailer business users responsible for just monitoring batch and configuring POM to enable callbacks into the Company's systems.

Table 3–1 (Cont.) Roles

Role	Alias	Description
BATCH_ADMINISTRATOR_JOB	Administrator	<p>Another one of the classic user interface roles. Users within this role are typically Oracle AMS administrators who monitor, maintain and configure the batch schedules. They also maintain POM application configurations for efficient operations. They troubleshoot batch issues and work with other Oracle development and support personnel to address those issues. Finally they apply POM and batch schedule patches and upgrades.</p> <p>In the new POM user interface, they have additionally been given access to the new AMS Utilities screen.</p>
BATCH_VIEWER_JOB	Viewer	<p>Users within this role are retailer business users responsible for just monitoring batch. They have view access to all POM screens except AMS Utilities.</p>
BATCH_SCHEDULE_CONFIGURATION_MANAGER_JOB	Schedule Config Mgr	<p>Users within this role are typically retailer administrators responsible for just monitoring batch and configuring external dependencies and callbacks into the Company's systems. They have view access to all POM screens except AMS Utilities.</p>
BATCH_SCHEDULE_ADMINISTRATOR_JOB	Schedule Admin	<p>Users within this role are typically retailer administrators responsible for maintaining monitoring and executing batch. They have view access to all POM screens except AMS Utilities. They can perform select activities on the Batch Monitor screen to move the schedule along. They also have update access to the Batch Administration screen.</p>
BATCH_ORACLE_AMS_ADMINISTRATOR_JOB	AMS Admin	<p>Users within this role are typically Oracle AMS administrators who monitor, maintain and configure the batch schedules. They also maintain POM application configurations for efficient operations. They troubleshoot batch issues and work with other Oracle development and support personnel to address those issues. Finally they apply POM and batch schedule patches and upgrades.</p>

Functional Access by Role

This section lists all roles that have update access for each functional aspect of every screen. It is organized by screen, except for the first two tables.

Table 3–2 External Integration

Feature	Roles (aliases) with access
Invoking batch execution from an external system	Monitor Schedule Admin
Requesting the status of a batch execution	Administrator
Releasing dependency on an external process	AMS Admin

Table 3–3 POM Task Menu

Feature	Roles (aliases) with access
Show Batch Monitoring task	Monitor Business User Administrator Viewer Schedule Config Mgr Schedule Admin AMS Admin
Show System Configuration task	Business User Administrator Viewer Schedule Config Mgr Schedule Admin AMS Admin
Show Batch Administration task	Administrator Viewer Schedule Config Mgr Schedule Admin AMS Admin
Show Schedule Maintenance task	Administrator Viewer Schedule Config Mgr Schedule Admin AMS Admin
Show AMS Utilities task	AMS Admin

Table 3–4 Screen: Batch Monitoring

Feature	Roles (aliases) with update access
Buttons for Create Schedule, Close Schedule and Restart Schedule	Monitor Schedule Admin Administrator AMS Admin
Jobs table on Batch Monitoring screen - Buttons for Run, Rerun, Hold, Release, Skip, Release Skip, and action for Add Comments	Monitor Schedule Admin Administrator AMS Admin
Jobs table Actions menu on Batch Monitoring screen - Edit Parameters (for selected job)	Monitor Schedule Admin Administrator AMS Admin
Job Details screen - Enable/Disable External Dependencies	Monitor Administrator Schedule Config Mgr Schedule Admin AMS Admin
Job Details screen - Retry Schedule Link button	Monitor Administrator AMS Admin
Job Details screen - Retry Callback button	Monitor Administrator AMS Admin
Execution Engine admin dialog Configuration	Administrator AMS Admin
Execution engine admin dialog start, stop, and force shutdown buttons	Monitor Administrator AMS Admin
Download Job Log	All authenticated users
Download Cycle Summary	All authenticated users

Table 3–5 Screen: System Configuration

Feature	Roles (aliases) with update access
System tab - Update actions	Administrator AMS Admin
Schedule tab - Update actions for general & environment settings	Administrator AMS Admin
Schedule tab - Job admin system options dialog	Administrator AMS Admin

Table 3–5 (Cont.) Screen: System Configuration

Feature	Roles (aliases) with update access
Schedule tab - Update actions for MDF configuration	Administrator AMS Admin
Schedule tab - Update actions for job admin throttling configuration	Administrator AMS Admin
System tab - Update actions for external configurations	Business User Administrator Schedule Config Mgr Schedule Admin AMS Admin
Global Edit - Settings updates	Administrator AMS Admin
Global Edit - External Configuration updates	Business User Administrator Schedule Config Mgr Schedule Admin AMS Admin

Table 3–6 Screen: Batch Administration

Feature	Roles (aliases) with update access
Export Config and Import Config buttons	Administrator Schedule Admin AMS Admin
Enable/disable switch on each of the Recurring Flows and Jobs within each Flow	Administrator Schedule Admin AMS Admin
Jobs table on main UI - Edit and Enable/Disable actions	Administrator Schedule Admin AMS Admin
Batch Job Details - Enable/Disable Dependencies	Administrator AMS Admin
Batch Job Details - Create/Enable/Disable/Delete Inter-Schedule Dependencies	Administrator AMS Admin
Batch Job Details - Create/Enable/Disable/Delete Schedule links	Administrator AMS Admin
Batch Job Details - Create/Enable/Disable/Delete External Dependencies	Administrator Schedule Config Mgr Schedule Admin AMS Admin

Table 3-7 Screen: Schedule Maintenance

Feature	Roles (aliases) with update access
All actions: Import Latest Schedule button,	Administrator AMS Admin
Upgrade, Retry buttons in table row	
Download Configuration and download POM & JOS seed data	

Table 3-8 Screen: AMS Utilities

Feature	Roles (aliases) with update access
Manual Job Run	Administrator AMS Admin