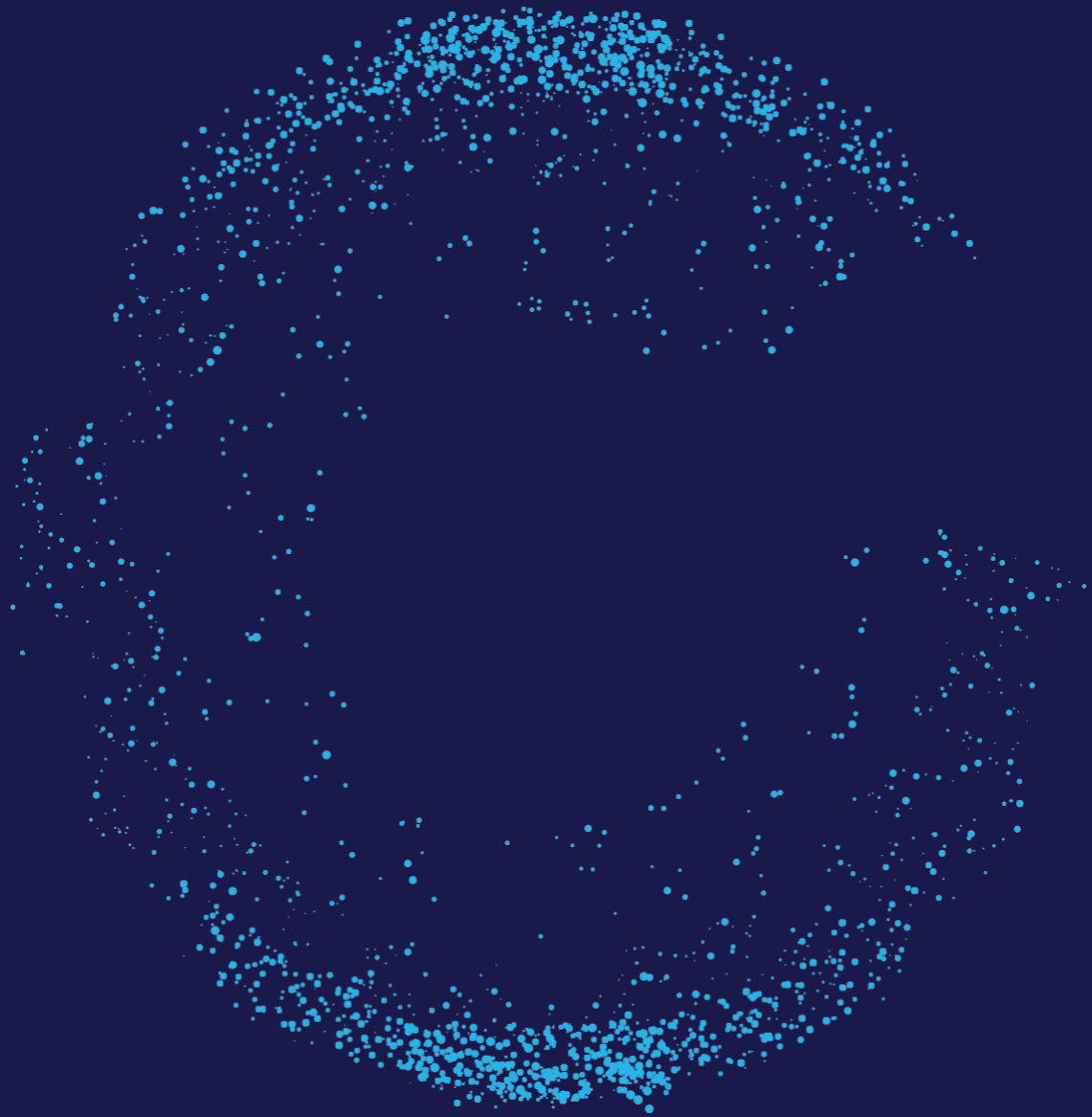


Education Services

Course Catalog



Order Management System

About This Catalog

This catalog is your essential guide to Order Management System (OMS) instructor-led training courses. Whether you are a new user or an experienced professional, the courses outlined in this catalog help you gain the knowledge and skills required for the successful adoption and effective use of Order Management System.

The catalog provides a structured overview of available courses and their learning objectives, audience, and duration. For assistance or guidance in selecting the required courses, you can contact your Blue Yonder Customer Experience or Education Services team.

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About Blue Yonder Education Services

Blue Yonder Education Services seeks to improve supply chain excellence by offering innovative, tailored, and cost-effective training solutions. It focuses on transforming training with adaptable, high-quality programs that help you achieve your business goals, deliver industry-leading performance, and drive economic growth. Blue Yonder Education Services' core offerings include:


- Product courses delivered in person or virtually, as instructor-led training
- Public schedule and private course events
- Applied coaching and mentoring services
- Digital subscriptions and online courses
- Certifications
- Skill gap analysis surveys and training need assessments
- Organizational change and end-user training advisory and professional services


Blue Yonder Training Courses


Designed to facilitate effective adoption and utilization of its software solutions, Blue Yonder training courses provide a structured, expert-guided learning experience.


Features and Benefits



 Offer in-person or live virtual classroom training, delivered by a qualified Blue Yonder instructor, with standard or customized courses and hands-on exercises

 Provide comprehensive training on specific Blue Yonder solutions and related business processes

 Ensure learner engagement throughout the training program

 Award learners with badges and certification, when applicable

Order Management System Course Catalog—Overview

The OMS catalog provides comprehensive training courses designed for different audiences in an organization. These courses combine learning concepts with practical exercises that help learners deepen their knowledge of OMS.

Course Name	Learning Objectives	Audience	Duration
Level 1: Foundation			
8665: Decisioning Functional	<p>After completing this course, learners will be able to:</p> <ul style="list-style-type: none"> Describe the OMS architecture components and key concepts. Configure the master data entities and attributes in Common Services. Set up the inventory classification, supply types, and demand matrices. Explain how Commits Service selects optimal sourcing locations. Configure the sourcing rules and optimization parameters. Create the capacity reservations. Handle the capacity modifications and overbooking. Calculate the Available-to-Promise (ATP) values. Configure the availability thresholds and horizons. 	All business and technical users	3 days
8666: Order Services	<p>After completing this course, learners will be able to:</p> <ul style="list-style-type: none"> Identify the Order Services key features. Explain the order processing capabilities. Navigate the Order Services user interfaces, API Catalog, and Orchestration UI. Configure the rules, tasks, and workflows. Execute the ship, pick, derived, return, and exchange order workflows. Create and process the customer orders using API Catalog and Postman. Monitor the order status and fulfillment progress. Troubleshoot the workflow execution and order processing issues. Customize the order orchestration workflows for specific business requirements. 	All business and technical users	2 days

Order Management System Course Details

8665: Decisioning Functional

Course Objectives

After completing this course, learners will be able to:

- Describe the OMS architecture components and key concepts.
- Configure the master data entities and attributes in Common Services.
- Set up the inventory classification, supply types, and demand matrices.
- Explain how Commits Service selects optimal sourcing locations.
- Configure the sourcing rules and optimization parameters.
- Create the capacity reservations.
- Handle the capacity modifications and overbooking.
- Calculate the Available-to-Promise values.
- Configure the availability thresholds and horizons.

Audience

All business and technical users

Prerequisite

8657: Order Management System Foundation Training Series

Duration

3 days (in person or virtual)

Training Level

Intermediate and advanced

Lesson Name	Learning Objectives	Duration
01: Order Management System—Key Concepts	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • List the key features of Order Management System. • Describe the Order Management System architecture. • Access the Decisioning Services interfaces. 	1 hour
02: Common Services—Functional Concepts	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • List the key features of Common Services. • Configure the master data entities and attributes. • Set up the configuration hierarchies. • Apply the eligibility rules to business scenarios. 	1 hour

03: Common Services—Assignment	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Create the selling channels. • Configure the fulfillment types and services. 	1 hour
04: Inventory Service—Inventory Classification and Product Identification	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • List the key features of Inventory Service. • Explain the physical and future supply categories. • Classify the inventory and track perishables. • Set up the different types of inventories. 	1 hour
05: Inventory Service—Confirming Shipment	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Execute the inventory reservation processes. • Monitor the supply and demand impacts. • Configure the product availability rules. 	1 hour
06: Inventory Service—Supply Updates and Reconciliation	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Configure the delta and absolute updates processing. • Troubleshoot the out-of-sync update scenarios. • Execute the reconciliation workflow. 	1 hour
07: Inventory Service—Assignment	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Create the demand and supply matrices. • Configure the supply types and categories. • Execute the inventory update scenarios. 	1 hour
08: Availability Service—ATP Calculation	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • List the key features of Availability Service. • Configure the ATP calculations. • Set up the network- and location-level ATPs. • Validate the ATP calculation results. 	1 hour
09: Availability Service—Horizon	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Explain the Horizon feature. • Plan the future supply using the Horizon feature. 	1 hour
10: Availability Service—GTIN	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Explain the Global Trade Item Number (GTIN) feature. • Set up the GTIN product associations. • Execute the future supply planning scenarios. 	1 hour

11: Availability Service—ATP Publish and ATP Threshold	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Configure the ATP publish triggers and rules. • Set up the ATP threshold limits. • Monitor the ATP publishing workflows. 	1 hour
12: Availability Service—Interoperability	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Identify how Availability Service interacts with other services. • Calculate the inventory for a product at different levels. 	1 hour
13: Availability Service—Assignment	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Identify the ATP value of a product. • Create the product reservations and associations. • Use the FindInStores feature to identify the nearest sourcing location. • Use the Launch Date feature to enable preordering. 	1 hour
14: Capacity Service—Reviewing Capacity Consumption	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Review the capacity available at a location. • Create the location-level capacity bookings. • Define the capacity consumption rates. 	1.5 hours
15: Capacity Service—Configuring Order-Level Flags	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Configure the overbooking rules and flags. • Set up the partial fulfillment scenarios. • Execute the rollback procedures. 	1 hour
16: Capacity Service—Managing Order Modifications	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Validate the capacity adjustment scenarios. • Create the order reservation based on available capacity. • Use the Full Order Snapshot feature to process a modified order. 	1 hour
17: Capacity Service—Assignment	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Create the capacity calendars and consumption requests. • Configure the timeslot tracking. • Execute the capacity reservation scenarios. 	1 hour

18: Commits Service—Key Concepts	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Describe the key concepts of Commits Service. • Set up the calendar logic for calculating ship and delivery dates. • Configure the sourcing optimization rules. • Create the sourcing rule hierarchies. 	<p>1 hour</p>
19: Commits Service—Determining Optimal Sourcing Location	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Review the inventory data using the Kafka Magic application. • Execute the sourcing optimization scenarios. • Set up the Ship Alone property for a product. 	<p>1.5 hours</p>
20: Commits Service—Assignment	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Create the comprehensive sourcing rules. • Execute the optimization workflows. • Validate the sourcing decisions. 	<p>1 hour</p>

Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

Note: The hands-on exercises will be practiced during the training sessions with the help of the instructor.



8666: Order Services

Course Objectives

After completing this course, learners will be able to:

- Identify the Order Services key features.
- Explain the order processing capabilities.
- Navigate the Order Services user interfaces, API Catalog, and Orchestration UI.
- Configure the rules, tasks, and workflows.
- Execute the ship, pick, derived, return, and exchange order workflows.
- Create and process the customer orders using API Catalog and Postman.
- Monitor the order status and fulfillment progress.
- Troubleshoot the workflow execution and order processing issues.
- Customize the order orchestration workflows for specific business requirements.

Audience

All business and technical users

Prerequisites

- 8657: Order Management System Foundation Training Series
- 8665: Decisioning Functional

Duration

2 days (in person or virtual)

Training Level

Intermediate and advanced

Lesson Name	Learning Objectives	Duration
01: Order Services—Introduction	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Identify the Order Services key features and capabilities. • List the supported order types and processing flows. • Describe the basic order process workflows. 	30 minutes
02: User Interface	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Access Orchestration UI and Luminate portal. • Configure the API Catalog authentication tokens. • Set up the Postman collections and datasets. • Execute the basic API calls. 	1 hour

03: Functional Concepts	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> Describe the structure of rules, tasks, and workflows. Configure the rules, tasks, and workflows. List the supported rules and tasks. Explain how to trigger a workflow. 	1 hour
04: Ship Order Orchestration—Order Capture and Decisioning Workflows	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> Explain the concept of ship order fulfillment. Configure the order capture and decisioning workflows. Set up the order fulfillment parameters. 	1 hour
05: Ship Order Orchestration—Order Fulfillment and Fulfillment Update Workflows	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> Execute the order fulfillment workflows. Configure the order fulfillment workflows. Monitor the order status transitions. 	1 hour
06: Ship Order Orchestration—Financial Workflow	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> Execute the financial processing workflows. Configure the financial processing workflows. Set up the payment and billing rules. 	30 minutes
07: Pick Order Orchestration	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> Explain the concept of pick order fulfillment. Configure the pick order fulfillment workflows. Set up the pick order orchestration rules. 	30 minutes
08: Working with Ship and Pick Order Orchestration Workflows	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> Execute the ship and pick order orchestration workflows. Monitor the order status progressions. Troubleshoot the workflow execution issues. 	1.5 hours
09: Derived Order Orchestration	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> Explain the concept of derived order fulfillment. Configure the derived order fulfillment workflows. Set up the derived order processing rules. 	1 hour

10: Working with Derived Order Orchestration Workflows	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Execute the derived order workflows from beginning to end. • Monitor the derived order fulfillment status. 	1 hour
11: Return Order Orchestration	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Explain the concept of return order fulfillment. • Configure the return order processing workflows. • Set up the return authorization rules. • Monitor the order status progressions. 	1 hour
12: Working with Return Order Orchestration Workflows	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Execute the return order workflows. • Monitor the return order fulfillment status. 	1 hour
13: Exchange Order Orchestration	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Explain the concept of exchange order fulfillment. • Configure the exchange order processing workflows. • Monitor the order status progressions. 	1 hour
14: Working with Exchange Order Orchestration Workflows	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Execute the exchange order workflows. • Monitor the exchange order fulfillment status. 	1 hour
15: Fulfilling Orders Using API Catalog	<p>After completing this lesson, learners will be able to:</p> <ul style="list-style-type: none"> • Create and fulfill an order using API Catalog. • Validate the order and fulfillment details. • Monitor the order status progressions. • Troubleshoot the order processing issues. 	1 hour

Hands-on Exercises: This course contains hands-on exercises for practicing the tasks covered in the lessons.

Note: The hands-on exercises will be practiced during the training sessions with the help of the instructor.

