

Study Guide

Exam MB-335: Microsoft Dynamics 365 Supply Chain Management Functional Consultant Expert

Purpose of this document

This study guide should help you understand what to expect on the exam and includes a summary of the topics the exam might cover and links to additional resources. The information and materials in this document should help you focus your studies as you prepare for the exam.

| Useful links | Description |
|---|--|
| How to earn the certification | Some certifications only require one exam, while others require more. On the details page, you'll find information about what skills are measured and links to registration. Each exam also has its own details page covering exam specifics. |
| Certification renewal | Once you earn your certification, don't let it expire. When you have an active certification that's expiring within six months, you should renew it—at no cost—by passing a renewal assessment on Microsoft Learn. Remember to renew your certification annually if you want to retain it. |
| Your Microsoft Learn profile | Connecting your certification profile to Learn brings all your learning activities together. You'll be able to schedule and renew exams, share and print certificates, badges and transcripts, and review your learning statistics inside your Learn profile. |
| Passing score | All technical exam scores are reported on a scale of 1 to 1,000. A passing score is 700 or greater. As this is a scaled score, it may not equal 70% of the points. A passing score is based on the knowledge and skills needed to demonstrate competence as well as the difficulty of the questions. |
| Exam sandbox | Are you new to Microsoft certification exams? You can explore the exam environment by visiting our exam sandbox. We created the sandbox as an |

| Useful links | Description |
|--|---|
| Request accommodations | opportunity for you to experience an exam before you take it. In the sandbox, you can interact with different question types, such as build list, case studies, and others that you might encounter in the user interface when you take an exam. Additionally, it includes the introductory screens, instructions, and help topics related to the different types of questions that your exam might include. It also includes the non-disclosure agreement that you must accept before you can launch the exam. |
| | We're committed to ensuring all learners are set up for success. If you use assistive devices, require extra time, or need modification to any part of the exam experience, you can request an accommodation. |

Objective domain: skills the exam measures

The English language **beta version** of this exam will be released in October 2022.

Some exams are localized into other languages, and those are updated approximately eight weeks after the English version is updated. Other available languages are listed in the **Schedule Exam** section of the **Exam Details** webpage. If the exam isn't available in your preferred language, you can request an additional 30 minutes to complete the exam.

Note

The bullets that follow each of the skills measured are intended to illustrate how we are assessing that skill. Related topics may be covered in the exam.

Note

Most questions cover features that are general availability (GA). The exam may contain questions on Preview features if those features are commonly used.

Skills measured

- Configure products (15-20%)
- Configure production prerequisites (20-25%)
- Implement production methods (15-20%)
- Configure production control (20-25%)
- Describe and implement additional supply chain management features (10-15%)

Functional groups

Configure products (15–20%)

Implement product information for production

- Configure planning items, co-products, and by-products for batch orders
- Configure catch weight handling policies
- Configure inventory batches, batch attributes, and lot inheritance
- Manage product compliance including regulated and restricted items
- Define configuration groups and routes for dimension-based products
- Manage products with dimension-based, constraint-based, and pre-defined variants
- Configure bills of materials (BOMs), formulas, and routes to manage scrap

Implement Product Configurator for Dynamics 365

- Create and manage product configuration model components and subcomponents
- Create calculations for product configuration models
- Differentiate between table and expression constraints
- Configure BOM lines and route operations for a product configuration model
- Configure and manage pricing for configuration models
- Describe the purpose and capabilities of the product configurator
- Validate, approve, and test product configuration models

Implement Engineering Change Management

- Design an engineering product lifecycle
- Configure engineering categories
- Configure product readiness policies and product release policies
- Create an engineering product with engineering attributes
- Review and accept released products to a local company
- Add engineering products to a sales order, purchase orders and production orders
- Schedule and implement engineering change requests and change orders

Configure production prerequisites (20-25%)

Configure resources, routes, and calendars

- Implement and manage work calendars and working time
- Create and configure resource capabilities
- Implement and manage resources and resource groups
- Create and manage operations and routes

Configure production settings and processes

- Create production units, production groups, production pools, and production journal names

- Describe integration between general ledger and production control modules
- Manage reservations in production process, including partial reservations and re-reservations
- Configure warehouse processes for raw materials picking and finished goods put away
- Describe unified (mixed mode) manufacturing
- Configure production control parameters
- Describe production and batch order process statuses

Implement costing

- Configure costing sheets and indirect costs
- Configure and manage cost groups, costing versions, and cost categories
- Configure cost allocations for co-products and burden allocation for by-products
- Configure and perform BOM/formula calculations
- Activate item prices
- Describe production posting profiles
- Describe common sources of production variances
- View and analyze production and inventory costs

Implement production methods (15–20%)

Implement discrete manufacturing

- Create BOM and item configurations
- Create and process production orders
- Create and process picking list journals
- Create and process job card and route card journals
- Create and process reports as finished journals
- Reset the status of a production order
- Describe use cases and configure production-related reservations

Implement process manufacturing

- Configure batch reservations and release to warehouse process
- Configure consolidated batch order processes
- Manage batch balancing and batch order sequencing
- Configure formulas features
- Create and process report as finished journals with co-products and by-products
- Create and process batch orders and a rework batch order
- Create formulas and formula versions

Implement lean manufacturing

- Create value streams and production flows
- Configure production flow costing
- Create kanban rules

- Process kanban orders by using kanban boards
- Create and manage fixed, scheduled, and event kanbans

Configure production control (20–25%)

Implement subcontracting

- Describe use cases for subcontracting processes
- Implement activity-based subcontracting
- Configure BOM and formula lines, resources, and routes for subcontracting items
- Create service items for subcontracting
- Create and process subcontracting purchase orders

Implement manufacturing execution

- Configure time and attendance prerequisites and activate workers for time registration
- Identify the capabilities of manufacturing execution
- Process production and batch orders by using manufacturing execution processes
- Configure production floor execution interface and job card terminals
- Calculate and approve time registrations

Implement advanced master planning scenarios

- Process and view planned orders
- Configure intercompany master planning
- Configure forecast models and parameters
- Run demand forecasting and adjust as appropriate
- Execute explosion and validate results
- Describe how supply chain calendars affect master planning

Implement production scheduling and capacity planning

- Define scheduling parameters
- View, monitor, and update production schedules
- Configure capacity for production resources including machines, labor, and tooling
- Describe infinite and finite scheduling and capacity
- Describe differences between operations and job scheduling

Describe and implement additional supply chain management features (10–15%)

Describe cloud and edge scale units

- Describe the value proposition for scale units for warehouse workloads
- Describe warehouse management processes that can run on a scale unit
- Describe manufacturing processes that can run on a scale unit

Describe use cases for integrating mixed reality technologies with Dynamics 365 Supply Chain Management

- Describe use cases for Dynamics 365 Guides
- Describe the process for integrating mixed reality Dynamics 365 Guides with manufacturing processes
- Describe the process for integrating mixed reality Dynamics 365 Guides with asset management

Implement Asset Management

- Configure maintenance plans
- Configure functional locations
- Manage maintenance requests
- Manage work orders consumption
- Manage work order scheduling

Study Resources

We recommend that you train and get hands-on experience before you take the exam. We offer self-study options and classroom training as well as links to documentation, community sites, and videos.

| Study resources | Links to learning and documentation |
|-------------------------------|--|
| Get trained | Choose from self-paced learning paths and modules or take an instructor led course |
| Find documentation | Dynamics 365 documentation and learning modules Supply Chain Management documentation |
| Ask a question | Microsoft Q&A Microsoft Docs |
| Get community support | Microsoft Dynamics Community |
| Follow Microsoft Learn | Microsoft Learn - Microsoft Tech Community |