



MICROSOFT TRAINING

MB-500: Microsoft Dynamics 365: Finance and Operations Apps Developer — Practice Questions

Prepare to pass MB-500. Master developing for Microsoft Dynamics 365 Finance and Operations apps through focused practice questions.

DURATION

2 Hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

This specialized practice questions course for MB-500: Microsoft Dynamics 365: Finance and Operations Apps Developer is meticulously designed to equip aspiring and experienced developers with the knowledge and confidence required to excel in the official certification exam. It provides an in-depth review of the core development capabilities within Microsoft Dynamics 365 for Finance and Operations, focusing on the practical application of development tools, methodologies, and best practices. Participants will engage with challenging scenarios and questions covering everything from architecting solutions to implementing advanced customizations using X++, data entities, and robust integration frameworks. By immersing yourself in these expertly crafted practice questions, you'll gain a comprehensive understanding of the development lifecycle in Dynamics 365 F&O. This includes mastering extension-based development, building and debugging X++ code, managing data, creating reports, implementing security, and integrating with external systems. Successfully completing this course and passing the MB-500 exam validates your proficiency in designing, developing, and deploying high-quality business solutions that extend and customize Dynamics 365 Finance and Operations apps, opening doors to advanced roles in the thriving Microsoft ecosystem.

Duration	2 Hours
Level	Intermediate
Vendor	Microsoft
Exam Code	MB-500

COURSE CURRICULUM

01 Module 1: Planning Architecture and Solution Design

- Understand solution architecture and design patterns in F&O
- Evaluate and recommend application stack components for customizations
- Design and implement extensions for standard functionality
- Plan for continuous updates and upgrades within Dynamics 365
- Identify and implement development best practices and coding standards

02 Module 2: Applying Developer Tools and Methodologies

- Manage development environments and utilize Visual Studio
- Work with source control, including Azure DevOps and Git
- Utilize Lifecycle Services (LCS) for development tasks and deployments
- Debug and troubleshoot X++ code effectively
- Perform code analysis and performance optimization techniques

03 Module 3: Developing and Testing Core X++ Code

- Develop and extend forms, tables, and classes in X++
- Implement business logic using X++ and event handlers
- Work with queries and data manipulation language (DML)
- Create and manage number sequences and data policies
- Implement unit testing and functional testing frameworks for F&O

04 Module 4: Implementing Reporting and Integrations

- Design and develop reports using SSRS and Power BI
- Utilize data entities for advanced integration scenarios
- Implement OData and custom web services for external communication

- Integrate with external systems using Azure services (Logic Apps, Functions)
- Manage data migration and import/export processes with Data Management Framework

05 Module 5: Deploying and Securing Solutions

- Manage security roles, duties, and privileges
- Implement role-based security within Dynamics 365 F&O
- Deploy solutions to various environments (Dev, Test, Prod)
- Manage configurations and personalization for users
- Understand data privacy, compliance, and regulatory considerations

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Microsoft Dynamics 365 Finance & Operations Technical Consultant**
- > **X++ Developer for Enterprise Resource Planning (ERP) Systems**
- > **Dynamics 365 F&O Solutions Architect (Development Focus)**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or experience is recommended before attempting these MB-500 practice questions?

While this course focuses on practice questions, it's highly recommended that participants have a solid understanding of object-oriented programming concepts, experience with X++ development, and familiarity with the basic architecture and functionalities of Microsoft Dynamics 365 Finance and Operations apps. Prior exposure to Visual Studio and Azure DevOps would also be beneficial to maximize the learning from these practice scenarios.

Q: How do these practice questions specifically prepare me for the official MB-500 certification exam, beyond just testing my knowledge?

These practice questions are meticulously designed to mirror the format, difficulty, and content distribution of the actual MB-500 exam. They not only test your understanding of core concepts but also help you develop critical exam-taking strategies, identify your knowledge gaps, and become comfortable with the types of complex scenarios you'll encounter. Regular engagement with these questions builds confidence and improves your ability to manage time effectively during the exam.

Q: What advanced development capabilities will I be able to confidently implement in Dynamics 365 F&O after mastering the concepts covered by the MB-500 certification?

Upon mastering the MB-500 content, you will be proficient in designing and implementing complex extension-based customizations, developing robust X++ business logic, integrating Dynamics 365 F&O with various external systems using advanced data entities and web services, and building sophisticated reports. You'll be capable of contributing to solution architecture, ensuring best practices in security and performance, and efficiently troubleshooting and debugging advanced development issues within the Dynamics 365 Finance and Operations environment.

ABOUT COMPUTER PRIDE



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With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

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Take the next step in your technology career.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke