

MB-500T00: Microsoft Dynamics 365: Finance and Operations Apps Developer

Duration: 5 Days

Course Content:

MB-500T00: Microsoft Dynamics 365: Finance and Operations Apps Developer Training is aimed at professionals to teach them the leading methodologies to implement and expand apps to satisfy the needs of the organization. This technical course guides on utilization of extensible features, standardizes application coding patterns and external integrations to provide completely realized solutions. Our Enterprise training program allows a team up-gradation with a skill set that leads to the firm's overall development. It helps in developing a better understanding of developer tools and solution designs. Throughout this course, individuals will also learn about code testing and development, frameworks and integration and reporting. This training program is ideal for Microsoft Dynamics 365 Finance and Operations Apps Developers who want to enhance their skills and boost their credibility in the market. It is also suitable for individuals preparing for exam MB-500.

This training is designed based on the objectives of the course variant MB-500T00-A.

Who should attend?

This training is aimed at professionals who are Microsoft Dynamics 365 Finance and Operations Apps Developers.

Course Objectives

- Overview & Architecture
- Developer Tools
- Solution Design
- AOT Elements
- Code Development & Testing
- Data Migration
- Frameworks
- Integration
- Reporting
- Security & Performance

This training helps you prepare for the

Exam MB-500: Microsoft Dynamics 365: Finance and Operations Apps Developer



Detailed Course Outline:

Module 1: Overview & Architecture

Describe the Dynamics 365 ecosystem and major components of the Dynamics 365 Finance and Operations (FO) software, describe the architecture of D365FO, describe relevant D365FO design and deployment considerations.

Lab: Development Environment configuration and Project/Model Creation

Module 2: Developer Tools

Manage system implementations by using Lifecycle Services, Customize D365FO by using Visual Studio, manage source code and artifacts by using version control, Work with other development tools to complete tasks.

Lab: Source Control using DevOps

Module 3: Solution Design

Determine the required application stack components and server architecture, Implement Application Lifecycle Management (ALM), Design a solution for D365FO.

Lab: Data Structure Development

Module 4: AOT Elements

Create forms, Create and extend tables, Create Extended data Types (EDT) and enumerations, create classes and extend AOT elements.

Lab: Metadata Extension & Development

Module 5: Code Development & Testing

Develop X++ code, develop object-oriented code, Extend D365 FO functionality, describe test framework and tools, Perform Unit Testing.

Lab: Code Extension & Development

Module 6: Data Migration

Describe migration tools and methodologies, Plan Migration strategy, prepare data for migration and migrate data.

Lab: Data Export/Import using Data Entity

Lab: Recurring Data Transfer

Module 7: Frameworks

Implement D365 FO functionality

Lab: Sy Extension Framework



Module 8: Integration

Identify Data integration patterns and scenarios, Implement Data integration concepts and solutions, Implement Recurring integrations, Integrate D365FO with Microsoft Azure, troubleshoot integration errors, Implement the Data Management Package API.

Lab: OData Integration

Lab: Logic App Integration

Lab: Calling an External Web Service

Module 9: Reporting

Describe the capabilities and limitations of reporting tools in D365FO, Design, create, and revise Dynamics Reports, Design, create, and revise Dynamics workspaces, Design, create, and revise data sources that connect to data stores external to D365FO.

Lab: Power BI reporting from F&O

Module 10: Security & Performance

Describe and implement performance tools and LCS Environment Monitoring tools, implement role-based security policies and requirements, apply fundamental performance optimization techniques, optimize performance for batch processes, optimize user interface performance, Enhance Integration performance, Optimize Report Performance.

Lab: Async & Sandbox Functionality

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