

# **MB-700T00: Microsoft Dynamics 365: Finance and Operations Apps Solution Architect**

**Duration: 40 Hours (5 days)**

## **Course Overview**

The MB-700T00: Microsoft Dynamics 365: Finance and Operations Apps Solution Architect course is designed to equip learners with the knowledge and skills needed to become effective solution architects for Dynamics 365 Finance and Operations applications. Solution architects are responsible for ensuring that business requirements are fully understood and reflected in a comprehensive solution blueprint. Throughout the course, participants will learn how to manage interactions with FastTrack, define environment strategies, determine Data management and Integration strategies, and develop a Security architecture. They will also focus on Testing strategies, including Performance testing, and explore Business intelligence and Reporting. The course prepares learners for go-live by covering licensing, support, and training strategy development. By the end of the course, participants will have a thorough understanding of the architect role and the ability to design and implement Dynamics 365 solutions that meet complex business needs.

## **Audience profile**

The MB-700T00 course equips IT professionals with solution architecting skills for Dynamics 365 Finance and Operations apps.

- Solution Architects
- Technical Consultants
- Functional Consultants
- IT Professionals
- Systems Engineers
- Systems Analysts
- Project Managers overseeing Dynamics 365 implementations
- Application Developers with a focus on Dynamics 365 solutions
- ERP Specialists transitioning to Microsoft Dynamics 365
- Microsoft Dynamics Professionals seeking advanced training
- Business Analysts looking to understand Dynamics 365 Finance & Operations
- Pre-sales Consultants specializing in Dynamics 365
- Advanced Users of Dynamics 365 Finance & Operations seeking deeper understanding of solution architecture

## **Course Syllabus**

1. Understand the role and responsibilities of a Dynamics 365 Finance and Operations Apps Solution Architect.
2. Effectively manage interactions with the Microsoft FastTrack program.
3. Develop and manage comprehensive solution blueprints.
4. Plan and execute project governance and timelines.
5. Architect and implement secure, scalable, and integrated solutions.
6. Develop strategies for data management, testing, performance optimization, and business intelligence.
7. Understand licensing requirements and support options for Dynamics 365 implementations.
8. Prepare for successful go-live and post-implementation phases.

## **Learning Path 1: The Solution Architect Role**

### **Module 1: Solution Architect Skillset**

- Understand the skill set needed for solution architects.
- Refresh the knowledge obtained from online content for solution architects.

### **Module 2: Pre-requisites Review**

- Refresh the knowledge obtained from online content for solution architects.

### **Group Exercise:**

- Architect solutions for Dynamics 365 and Microsoft Power Platform.
- Use Success by Design for Dynamics 365 solutions.

## **Learning Path 2: Manage Interactions with FastTrack**

### **Module 1: Get to Know FastTrack**

- Identify the value proposition of FastTrack.
- Identify FastTrack engagement types and personnel roles.
- Describe FastTrack workshop scoping and inputs for each workshop.

### **Module 2: Make the Most of FastTrack Templates**

- Make the most of solution blueprint templates.
- Learn to complete the go-live checklist.
- Gather information on the final stakeholder.
- How to become a FastTrack recognized solution architect.

### **Exercise:**

- Learn to complete the go-live checklist.

## **Learning Path 3: Solution Blueprint**

### **Module 1: Solution Blueprint Definition and Components**

- Understand the solution blueprint definition.
- Describe the solution blueprint purpose.
- Identify the main solution blueprint components.

### **Exercise:**

- What is a solution blueprint?
- Solution blueprint components.

### **Activity:**

- Solution blueprint artifacts.

### **Module 2: Project Governance and Timelines**

- Describe solution scope, goals, and challenges.
- List implementation team members and project roles.
- Describe project timeline for implementation and rollouts.

- Describe change management, risks, and escalation paths.

### **Activity 1 & 2:**

- Program Strategy.

## **Module 3: Solution Architecture and Organizational Structure**

- Describe overall solution architecture.
- Describe organization.
- Provide details about the organization.

### **Activity:**

- Describe overall solution architecture.

## **Module 4: Working with Business Process Catalogs**

- Describe business processes in scope of the solution.
- Understand functional and non-functional requirements.
- Document product gaps and their solutions.

### **Activity:**

- Describe business processes in scope of the solution.
- Diagramming solutions.

## **Learning Path 4: Define Environments, Tools, and Deployment Strategy**

### **Module 1: Understand Environment Planning**

- Describe general concepts for cloud deployments.
- Environment planning main concepts and types.
- Understand the process of provisioning production and sandbox environments.
- Describe developing an environment plan.
- Develop the deployment strategy.

### **Activity:**

- Develop an environmental plan.

### **Module 2: Application Lifecycle Management and Deployment Strategy**

- Define application lifecycle management (ALM).
- ALM methodologies.
- Define a deployment strategy.
- Understand extensibility options.
- Learn about upgrade scenarios and tools.
- Adopt One Version – Continuous updates.

### **Exercise:**

- Adopt One Version – Continuous updates.

### **Module 3: Using Lifecycle Services (LCS) and Azure DevOps**

- Utilize Azure DevOps.

- Utilize Lifecycle Services.
- Disaster recovery strategy.

## **Learning Path 5: Determine Data Management Strategy**

### **Module 1: Data Management Overview**

- Describe data management overview.
- Understand data management framework.
- Utilize data task automation.
- Describe database movement operations.
- Utilize data sharing framework.

#### **Exercise:**

- Data management overview.

### **Module 2: Develop Data Migration Strategy**

- Develop data migration strategy.
- Develop cutover plan.
- Develop data retention plan.

#### **Exercise:**

- Develop data migration strategy.

#### **Activity:**

- Develop data migration strategy.

## **Learning Path 6: Determine Integration and Interfaces Strategies**

### **Module 1: Develop an Integration Strategy**

- Describe integration strategy.
- Understand architecture integration components.
- Understand integration patterns.

#### **Exercise:**

- Develop integration strategy.

### **Module 2: Integration Options**

- Describe integration with Dataverse.
- Utilize Data Integrator.
- Understand dual-write and virtual entities.
- Utilize business events.
- Describe Azure integration services.
- Integration with Microsoft 365.
- Batch data API.
- Understand OData.
- Describe custom services.
- Consume external web services.

**Exercise:**

- Integration options.

**Activity:**

- Develop integration strategy.

## **Learning Path 7: Define the Security Architecture**

### **Module 1: Important Security Aspects**

- Learn about cloud security.
- Describe main aspects of Azure datacenter security.
- Data residency and data ownership.
- Authentication and authorization.
- Compliance requirements.
- Encryption.

**Exercise:**

- Important security aspects.

### **Module 2: Security Framework**

- Describe security architecture.
- Understand role-based security.
- Describe authentication.
- Describe authorization.
- Prepare for auditing in security context.
- Describe database logging.
- Describe user activity monitoring.
- Describe external user setup.
- Describe working with Network Security Group (NSG) for Remote Desktop Protocol (RDP).
- Describe Azure ExpressRoute.

**Exercise:**

- Security framework.

**Activity:**

- Develop security strategy.

### **Module 3: Define Security Strategy**

- Main security design considerations.
- Develop security strategy.

## **Learning Path 8: Define Testing Strategy**

### **Module 1: Testing Strategy Overview**

- Understand testing scope.
- Solution testing lifecycle and defect management.
- Identify types of testing.

**Exercise:**

- Testing strategy overview.

**Activity:**

- Develop a testing strategy.

**Module 2: Testing Planning and Execution**

- Describe testing tools.
- Testing roles, responsibilities, and test management.
- Perform test planning.
- Understand One Version and adopt regression testing strategy.

**Exercise:**

- Testing planning and execution.

**Learning Path 9: Define a Performance Testing Strategy**

**Module 1: Prepare for Performance**

- Define performance goals and scenarios.
- Define performance benchmarks and success criteria.
- Define performance testing strategy.

**Exercise:**

- Prepare for performance topics.

**Module 2: Utilize Performance Testing Tools**

- Identify tools for performance testing.
- Identify tools for performance monitoring.

**Exercise:**

- Utilize performance testing tools.

**Learning Path 10: Business Intelligence and Reporting**

**Module 1: Implement Business Intelligence and Reporting**

- Outline reporting and analytics overview.
- Describe native reporting options.
- Describe business intelligence reporting options.
- Identify analytics reporting options.
- Develop reporting and analytics strategies.

**Exercise:**

- Reporting and business intelligence overview.

**Activity:**

- Develop intelligence strategy.

**Learning Path 11: Determine Licensing and Support Needs**

## **Module 1: Understand Licensing Estimation**

- Estimate the number of licenses.
- Stay compliant with user licensing requirements.

### **Exercise:**

- Understand licensing estimation.

## **Module 2: Understand Support Options**

- Understand support options during and post-implementations.
- Define support strategy.

### **Exercise:**

- Understand support options.

## **Learning Path 12: Prepare for Go-Live**

### **Module 1: Complete the Solution Blueprint**

- Complete the solution blueprint.

### **Module 2: Develop Training Strategy**

- Develop a training strategy.

### **Exercise:**

- Develop a training plan.

### **Module 3: Prepare for Go-Live**

- Understand the go-live readiness assessment process.
- Understand completing and submitting the go-live checklist.
- Describe the process of provisioning the production environment.
- Define cutover activities and go-live.

### **Exercise:**

- Prepare for go-live.

### **Module 4: Class Recap**

- Recap of all the modules and key learnings.