

KOENIG SOLUTIONS • COURSE OUTLINE

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

Learn to design Dynamics 365 Finance and Operations solutions, covering FastTrack, security, integration, testing, and go-live.

5 Days

40 HOURS

41

MODULES

104

TOPICS

32

HANDS-ON ACTIVITIES

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.

WHO THIS COURSE IS FOR

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

What You Will Learn

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

COURSE SYLLABUS

41 Modules, 104 Topics

Learning Path 1: The Solution Architect Role

01

Solution Architect Skillset

TOPICS

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

02

Pre-requisites Review

TOPICS

- Refresh the knowledge obtained from online content for solution architects

2 Group Exercises

Learning Path 2: Manage Interactions with FastTrack

01

Get to Know FastTrack

TOPICS

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

02**Exercise**

Make the Most of FastTrack Templates

TOPICS

- 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

Learning Path 3: Solution Blueprint

01**2 Exercises****Activity**

Solution Blueprint Definition and Components

TOPICS

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

02**Activity**

Project Governance and Timelines

TOPICS

- 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

03

Activity

Solution Architecture and Organizational Structure

TOPICS

Describe overall solution architecture · Describe organization · Provide details about the organization

04

2 Activities

Working with Business Process Catalogs

TOPICS

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

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

01

Activity

Understand Environment Planning

TOPICS

- 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

02

Exercise

Application Lifecycle Management and Deployment Strategy

TOPICS

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

03

Using Lifecycle Services (LCS) and Azure DevOps

TOPICS

Utilize Azure DevOps · Utilize Lifecycle Services · Disaster recovery strategy

Learning Path 5: Determine Data Management Strategy

01**Exercise**

Data Management Overview

TOPICS

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

02**Exercise****Activity**

Develop Data Migration Strategy

TOPICS

Develop data migration strategy · Develop cutover plan · Develop data retention plan

Learning Path 6: Determine Integration and Interfaces Strategies

01**Exercise**

Develop an Integration Strategy

TOPICS

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

02**Exercise****Activity**

Integration Options

TOPICS

- 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

Learning Path 7: Define the Security Architecture

01**Exercise**

Important Security Aspects

TOPICS

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

02**Exercise****Activity**

Security Framework

TOPICS

- 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

03

Define Security Strategy

TOPICS

Main security design considerations · Develop security strategy

Learning Path 8: Define Testing Strategy

01**Exercise****Activity**

Testing Strategy Overview

TOPICS

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

02**Exercise**

Testing Planning and Execution

TOPICS

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

Learning Path 9: Define a Performance Testing Strategy

01**Exercise**

Prepare for Performance

TOPICS

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

02**Exercise**

Utilize Performance Testing Tools

TOPICS

Identify tools for performance testing · Identify tools for performance monitoring

Learning Path 10: Business Intelligence and Reporting

01**Exercise****Activity**

Implement Business Intelligence and Reporting

TOPICS

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

Learning Path 11: Determine Licensing and Support Needs

01

Exercise

Understand Licensing Estimation

TOPICS

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

02

Exercise

Understand Support Options

TOPICS

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

Learning Path 12: Prepare for Go-Live

01

Complete the Solution Blueprint

TOPICS

Complete the solution blueprint

02

Exercise

Develop Training Strategy

TOPICS

Develop a training strategy

03

Exercise

Prepare for Go-Live

TOPICS

- 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

04

Class Recap

TOPICS

Recap of all the modules and key learnings

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
		GROUP EXERCISE
02	Pre-requisites Review	- Architect solutions for Dynamics 365 and Microsoft Power Platform - Use Success by Design for Dynamics 365 solutions
02	Make the Most of FastTrack Templates	Exercise: Learn to complete the go-live checklist
		EXERCISE
01	Solution Blueprint Definition and Components	- What is a solution blueprint? - Solution blueprint components Activity: Solution blueprint artifacts
02	Project Governance and Timelines	Activity 1 & 2: Program Strategy
03	Solution Architecture and Organizational Structure	Activity: Describe overall solution architecture
		ACTIVITY
04	Working with Business Process Catalogs	- Describe business processes in scope of the solution - Diagramming solutions
01	Understand Environment Planning	Activity: Develop an environmental plan
02	Application Lifecycle Management and Deployment Strategy	Exercise: Adopt One Version - Continuous updates
01	Data Management Overview	Exercise: Data management overview
02	Develop Data Migration Strategy	Exercise: Develop data migration strategy Activity: Develop data migration strategy
01	Develop an Integration Strategy	Exercise: Develop integration strategy

#	MODULE	ACTIVITY
02	Integration Options	Exercise: Integration options Activity: Develop integration strategy
01	Important Security Aspects	Exercise: Important security aspects
02	Security Framework	Exercise: Security framework Activity: Develop security strategy
01	Testing Strategy Overview	Exercise: Testing strategy overview Activity: Develop a testing strategy
02	Testing Planning and Execution	Exercise: Testing planning and execution
01	Prepare for Performance	Exercise: Prepare for performance topics
02	Utilize Performance Testing Tools	Exercise: Utilize performance testing tools
01	Implement Business Intelligence and Reporting	Exercise: Reporting and business intelligence overview Activity: Develop intelligence strategy
01	Understand Licensing Estimation	Exercise: Understand licensing estimation
02	Understand Support Options	Exercise: Understand support options
02	Develop Training Strategy	Exercise: Develop a training plan
03	Prepare for Go-Live	Exercise: Prepare for go-live

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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