KOENIG step forward

Microsoft Solutions Partner
Microsoft Cloud Training Services

KOENIG SOLUTIONS · COURSE OUTLINE

40512: Microsoft Cloud Workshop: App Modernization

Learn to design and implement app modernization solutions on Azure, from database migration to serverless APIs and mobile apps.

2 MODULES

17 TOPICS

COURSE OVERVIEW

This course covers a whiteboard design session followed by a hands-on lab focused on modernizing an application for the cloud. Participants review a customer case study and design a proof of concept solution before presenting it. The hands-on work covers migrating a database to Azure SQL Database, provisioning App Services, and configuring identity and security. It then covers uploading PDFs to blob storage, creating a serverless API and Azure Search service, configuring Key Vault, and deploying the Contoso Insurance Web API and web app alongside a legacy desktop application, a mobile application, a Flow app for push notifications, a PowerApps app, and an Azure Function added to Azure API Management.

WHO THIS COURSE IS FOR

Cloud Solution Architects | **App Developers** | **DevOps Engineers** | **Mobile Application Developers**

LEARNING OBJECTIVES

- Review a customer case study to identify modernization needs
- Design a proof of concept solution for app modernization
- Present a proposed modernization solution
- Migrate a database to Azure SQL Database
- Provision App Services and configure identity and security
- Configure serverless components such as APIs and Azure Search
- Deploy the Contoso Insurance Web API and web app
- Integrate a Flow app, PowerApps app, and Azure API Management

COURSE SYLLABUS

2 Modules, 17 Topics

01

Whiteboard Design Session - App Modernization

TOPICS

Review the customer case study · Design a proof of concept solution · Present the solution

02

Hands-on Lab - App Modernization

TOPICS

- Migrate the database to Azure SQL Database
- Provision App Services
- Identity and security
- Upload PDFs to blob storage
- Create serverless API for accessing PDFs
- Create an Azure Search service
- Configure Key Vault
- Configure and deploy the Contoso Insurance Web API
- Configure and deploy the Contoso Insurance web app
- Configure and run the legacy desktop (Windows Forms) application
- Configure and run the mobile application
- Create a Flow app to send push notifications
- Create an app in PowerApps
- Add Azure Function to Azure API Management

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.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training | Live Online Classes (ILO) | Fly-Me-A-Trainer (FMAT) | Flexi (Self-Paced) | 1-on-1 Training

Ready to Get Started?

Talk to a learning advisor about schedules, group training and customised delivery.

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