KOENIG step forward

Microsoft Solutions Partner
Microsoft Cloud Training Services

KOENIG SOLUTIONS · COURSE OUTLINE

55247AC: Designing and Implementing Cloud Data Platform Solutions

Learn to design, secure, scale and troubleshoot database solutions using SQL Server and Microsoft Azure.

3 Days	4	10
24 HOURS	MODULES	TOPICS

COURSE OVERVIEW

This course covers designing and implementing database solutions across hybrid SQL Server, Azure SQL Database, and MySQL and PostgreSQL in Azure. It addresses database security design and implementation for both SQL Server and Azure SQL Database. It then covers designing for high availability, disaster recovery and scalability, before moving to monitoring and troubleshooting SQL Server VMs and Azure SQL Databases.

WHO THIS COURSE IS FOR

- **Database Administrators**
- **Database Architects**
- **Cloud Solution Architects**
- **Database Developers**
- **Infrastructure Engineers**

LEARNING OBJECTIVES

- Design and implement hybrid SQL Server solutions
- Design and implement Azure SQL Database solutions
- Implement MySQL and PostgreSQL database solutions in Azure
- Design and implement SQL Server database security
- Design and implement Azure SQL Database security
- Design high-availability and disaster recovery solutions
- Design scalability solutions for database workloads
- Troubleshoot SQL Server VMs and Azure SQL Databases

COURSE SYLLABUS

4 Modules, 10 Topics

01

Designing and Implementing Database Solutions for SQL Server and Microsoft Azure

TOPICS

- Design and Implement Hybrid SQL Server solutions
- Design and Implement Azure SQL Database solutions
- Design and Implement MySQL and PostgreSQL database solutions in Azure

02

Manage, Design and Implement Database Security

TOPICS

- Design and Implement SQL Server database security
- Design and Implement Azure SQL Database security

03

Design for High-Availability, Disaster Recovery and Scalability

TOPICS

- Design and Implement High-Availability Solutions
- Design and Implement Disaster Recovery Solutions
- Design and Implement Scalability Solutions

04

Monitor and Troubleshoot Database Implementations in Azure

TOPICS

- Monitor and Troubleshoot SQL Server VMs on Azure
- Monitor and Troubleshoot Azure SQL Databases

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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