KOENIG SOLUTIONS · COURSE OUTLINE

# 40527: Microsoft Cloud Workshop: Security Baseline on Azure

Learn to design and implement a security baseline on Azure, covering JIT access, Key Vault, network security and compliance tools.

| 2 | 9 |
| --- | --- |
| MODULES | TOPICS |

## COURSE OVERVIEW

This workshop begins with a whiteboard design session in which a customer case study is reviewed and a proof of concept solution is designed and presented. The hands-on lab that follows covers implementing Just-In-Time access, securing a web application and database, migrating secrets to Azure Key Vault, and securing the network. It continues with configuring Azure Sentinel logging and reporting, and using compliance tools such as Azure Policy, Secure Score and Compliance Manager.

## WHO THIS COURSE IS FOR

- **Security Engineers**
- **Cloud Architects**
- **Azure Administrators**
- **Solution Architects**
- **Compliance Officers**

## LEARNING OBJECTIVES

- Review a customer case study to identify security requirements
- Design a proof of concept solution for an Azure security baseline
- Present a proposed security solution to stakeholders
- Implement Just-In-Time access to reduce exposure
- Secure a web application and its database
- Migrate secrets and keys to Azure Key Vault
- Configure Azure Sentinel logging and reporting
- Apply compliance tools such as Azure Policy and Secure Score

COURSE SYLLABUS

# 2 Modules, 9 Topics

01

## Whiteboard Design Session - Security Baseline on Azure

LESSONS

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

02

## Hands-On Lab - Security Baseline on Azure

LESSONS

- Implementing Just-In-Time (JIT) access
- Securing the Web Application and Database
- Migrating to Azure Key Vault
- Securing the Network
- Azure Sentinel logging and reporting
- Using Compliance Tools (Azure Policy, Secure Score and Compliance Manager)

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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