

KOENIG SOLUTIONS • COURSE OUTLINE

AZ 900 Exam Prep

Learn to describe core cloud concepts, Azure architecture and services, and Azure management and governance tools.

3

MODULES

22

TOPICS

8

HANDS-ON LABS

COURSE OVERVIEW

This course covers cloud computing concepts, including cloud benefits and cloud service types. It then explores Microsoft Azure architecture, covering core architectural components, compute and networking services, storage services, and identity, access, and security. It concludes with core solutions for managing and governing cloud resources, including cost management, governance and compliance tools, resource management and deployment tools, and monitoring tools.

WHO THIS COURSE IS FOR

IT Professionals

Cloud Administrators

Solution Architects

Technical Managers

Business Stakeholders

LEARNING OBJECTIVES

- Describe cloud computing and its characteristics
- Describe the benefits of using cloud services
- Describe cloud service types
- Describe the core architectural components of Azure
- Describe Azure compute and networking services
- Describe Azure storage services
- Describe Azure identity, access, and security
- Describe cost management, governance, and monitoring tools in Azure

3 Modules, 22 Topics

01

Cloud Concepts

In this module, you'll take an entry level end-to-end look at cloud concepts, which will provide you with a solid foundation for completing the available modules for Azure Fundamentals.

LESSONS

Cloud Computing · Cloud benefits · Cloud service types

AFTER COMPLETING THIS MODULE, STUDENTS WILL BE ABLE TO

Describe cloud computing · Describe the benefits of using cloud services · Describe cloud service types

02

5 Labs

Azure Architecture and Services

This module explores Microsoft Azure, its architecture, and some of the most commonly used services and resources.

LESSONS

- Core Azure architectural components
- Azure compute and networking services
- Azure storage services
- Azure identity, access, and security

AFTER COMPLETING THIS MODULE, STUDENTS WILL BE ABLE TO

- Describe the core architectural components of Azure
- Describe Azure compute and networking services
- Describe Azure storage services
- Describe Azure identity, access, and security

Core Solutions

In this module, you'll learn about the management and governance resources available to help you manage your cloud and on-premises resources.

LESSONS

- Cost management in Azure
- Features and tools in Azure for governance and compliance
- Feature and tools for managing and deploying Azure resources
- Monitoring tools in Azure

AFTER COMPLETING THIS MODULE, STUDENTS WILL BE ABLE TO

- Describe cost management in Azure
- Describe features and tools in Azure for governance and compliance
- Describe features and tools for managing and deploying Azure resources
- Describe monitoring tools in Azure

HANDS-ON LABS

Practise What You Learn

#	MODULE	ACTIVITY
02	Azure Architecture and Services	■ Explore the Microsoft Learn sandbox ■ Create an Azure resource ■ Create an Azure virtual machine ■ Configure network access ■ Create a storage blob
03	Core Solutions	■ Configure a resource lock ■ Compare workload costs using the Total Cost of Ownership calculator ■ Estimate workload costs using the Pricing calculator

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

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Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

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