



MICROSOFT AZURE FUNDAMENTALS

KEYHOLE SOFTWARE COURSE

COURSE DESCRIPTION

This course provides an introduction to the wide world of Microsoft Azure. Students will see how its core service offerings in the areas of computing, storage, networking and database make it a top cloud computing platform.



Keyhole Software is a software development and consulting firm. Our expert employee consultants excel as development “change agents,” helping our clients to be successful with software technologies and approaches like the cloud, blockchain, Microservices, Java, JavaScript, and .NET.

SCHEDULE THIS COURSE

877-521-7769

asktheteam@keyholesoftware.com

keyholesoftware.com

COURSE STRUCTURE

MINIMIZING IMPACT ON CURRENT PROJECTS: 1 HOUR SESSIONS

This course is generally given remotely via live instruction video conference. Depending on attendee experience, the course includes a total of 5-7 hours of instruction in one-hour increments daily. Each day's lesson is followed by individual hands-on exercises to strengthen understanding of course topics.

COURSE OFFERED FOR GROUP INSTRUCTION: FULL-DAY SESSIONS

For professional groups, this course is offered in a two full-day increment on site at your location. The course includes time for hands-on individual exercises.

COURSE TOPICS

INTRODUCTION

- History
- IaaS (Infrastructure as a Service)
- PaaS (Platform as a Service)
- SaaS (Software as a Service)
- Pros and Cons

CORE ARCHITECTURE SERVICES

- Azure Regions
- Availability Zones
- Azure Resource Manager (ARM)
- Resource Groups
- Hands-On Exercise

COMPUTING SERVICES

- Virtual Machines
- App Service
- Serverless Computing
- Machine Learning
- Hands-On Exercises

MORE INFORMATION

PREREQUISITE

This course requires at least one year of professional programming experience.

MORE INFORMATION & PRICING

Please visit keyholesoftware.com/azurefundamentals for more information.

STORAGE SERVICES

- BLOB Storage
- Archive Storage
- Data Lake Storage
- Hands-On Exercise

DATABASE SERVICES

- Azure SQL
- Azure MySQL
- Azure Cosmos DB
- Hands-On Exercise
- Azure Postgres

MANAGEMENT TOOLS

- Azure Portal
- Azure Advisor
- Azure CLI
- Hands-On Exercise
- PowerShell

NETWORKING SERVICES

- Security
- Monitoring
- Virtual Networks
- Hands-On Exercise