



Fundamentals of Windows Azure Platform Programming

At the conclusion of training, participants will be able to:

- Identify the main components and architecture of the Windows Azure platform
- Build a simple Web application or service with Windows Azure compute
- Store data in the cloud using Windows Azure storage and SQL Azure
- Use queues for cloud-based communication
- Leverage the AppFabric service bus
- Understand the functionality provided by the AppFabric Access Control Service

Audience Profile

This course is intended for experienced ASP.NET Web developers interested in building applications on or migrating applications to the Windows Azure platform.

Course Length

2 days

Course Outline

Windows Platform Overview

- Cloud computing
- Windows Azure
- SQL Azure
- AppFabric

Introduction to Windows Azure

- Windows Azure Features: Compute and Storage
- Developer SDK
- Automated Service Management

Building Services using Windows Azure

- Compute
- Building and Deploying a Service
- Logging and Configuration
- Worker Roles



Storage

- Using Blobs
- Using Queues
- Using Tables
- Advanced Table Concepts

SQL Azure

- Introduction to SQL Azure
- Building Applications using SQL Azure
- Scaling Out with SQL Azure

Windows Azure AppFabric

- Service Bus
- Access Control Service

Contact IT Mentors to book a session or to customize this course to your needs.

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