



Course 40457 • Microsoft Azure MOC Workshop: Azure Developer Hackathon

Length

- 2 days

Prerequisites

- Students must have experience working with the Azure platform
- Students must take the 20532: Developing Microsoft Azure Solutions course (or have the equivalent professional experience)

Audience

- Candidates with experience in implementing and monitoring Microsoft Azure solutions
- Candidates that are proficient with the development tools, techniques, and approaches used to build application solutions.

What You'll Learn

- Configuring a Continuous Deployment Solution (Agility)
- Modernizing the Events Page (Agility)
- Implementing a Search Experience (Search)
- Creating a Public Events API (Search)
- Masking Personal Information (Security)
- Enabling Azure Active Directory and Multi-Factor Authentication (Security)

This 2-day, instructor-led workshop builds upon previous Microsoft Official Courseware or equivalent experience building ASP.NET and C# applications. Students will enhance their learning with real-world situations.

Workshop Outline

Module 1: Agility

Students will work in teams to create an agile development and deployment solution that will allow it to be automatically deployed to Azure, and they will validate that the solution works.

- Configuring a Continuous Deployment Solution
- Modernizing the Events Page

Module 2: Search

Students will implement a scalable search experience for end users with an API that can be used by third parties.

- Implementing a Search Experience
- Creating a Public Events API

Module 3: Security

Students will implement security features in their Azure application to protect user information, and they will implement a higher-level authorization scheme that will protect administration features from anonymous access.

- Masking Personal Information
- Enabling Azure Active Directory Authentication