

Implement Security In Azure Development Solutions (AZ-200.4)

Modality: Self-Paced Learning

Duration: 24 Hours

SUBSCRIPTION: Learn, Master, Master Plus

This course prepares you for the AZ-200 Exam leading to AZ-200 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the **Official Exam Voucher** separately.

About this course:

This course is part of a series of four courses to help you prepare for Microsoft's Azure Developer certification exam AZ-200: Develop Core Microsoft Azure Cloud Solutions. These courses are designed for developers who already know how to code in at least one of the Azure-supported languages.

The coursework covers how authentication and authorization work in Azure, and how to implement secure data solutions with: encryption; Azure Key Vault; and SSL and TLS communications.

Course Objective:

- Learn about the different authentication options, including multi-factor, available in Azure and how they operate
- Learn about implementing access control in your solution including claims- and role-based authorization
- Implement secure data solutions by using encryption, Azure confidential computing, and SSL/TLS communications
- Manage cryptographic keys in Azure Key Vault

Audience:

- Azure developer

Prerequisite:

- These courses are for experienced programmers who want to develop and host solutions in Azure. Learners should have some experience with Azure and must be able to program in at least one Azure-supported language. These course focus on C#, Node.js, Azure CLI, Azure PowerShell, and JavaScript.

Course Outline:

?Implementing authentication

- Implement authentication in applications
- Implement multi-factor authentication

Implementing access control

- Claims-based authorization
- Role-based access control (RBAC) authorization

Implementing secure data solutions

- Encryption options
- End--end encryption
- Implement Azure confidential computing
- Implement SSL and TLS communications
- Manage cryptographic keys in Azure Key Vault

Course Completion

- Final-Exam