

Designing For Identity And Security (AZ-301.1)

Modality: Self-Paced Learning

Duration: 24 Hours

SATV Value:

CLC:

NATU:

SUBSCRIPTION: Learn, Master

*This course prepares you for the AZ-301 Exam leading to AZ-301 Certification. This course does not include the Official Exam Voucher, however, you can request to purchase the **Official Exam Voucher** separately.*

About this course:

Learn how to manage security and identity within the context of Azure. Also, you'll be introduced to multiple SaaS services available in Azure that for integration into existing Azure solutions.

Course Objective:

After completing this course, students will be able to:

- Integrate their existing solutions with external identity providers using Azure AD B2B or B2C.
- Design a hybrid identity solution.
- Determine when to use advanced features of Azure AD such as Managed Service Identity, MFA and Privileged Identity Management.
- Secure application secrets using Key Vault.
- Secure application data using SQL Database and Azure Storage features.
- Detail the various APIs available in Cognitive Services.
- Identify when to use the Face API, Speech API or Language Understanding (LUIS) service.
- Describe the relationship to Bot Framework and Azure Bot Services.

Audience:

- Successful Cloud Solutions Architects begin this role with practical experience with operating systems, virtualization, cloud infrastructure, storage structures, billing, and networking.

Prerequisite:

- practical experience with operating systems, virtualization, cloud infrastructure, storage structures, billing, and networking.

Course Outline:

Module 1 - Managing Security & Identity for Azure Solutions

- Security
- Identity
- Online Lab: Securing Secrets in Azure
- Review Questions
- Assessment 1

Module 2 - Integrating SaaS Services Available on the Azure Platform

- Cognitive Services
- Bot Services
- Machine Learning
- Media Processing
- Online Lab: Deploying Service Instances as Components of Overall Azure Solutions
- Review Questions
- Assessment 2