

# **Implement Azure Development Integration Solutions (AZ-201.2)**

**Modality: On Demand**

**Duration: 24 Hours**

***Designed as a training course to help students prepare for the AZ-201 exam, once undertaken, the students will be able to acquire the AZ 201 Certification with relative ease. The Official Exam Voucher has to be purchased separately and is not included in this course.***

***Through undertaking this course, students can make their preparation better related to acquiring the AZ -201 Certification. Note here that you will not be provided with the Official Exam Voucher with this course and you have to acquire it through request.***

## **About this course:**

This is one of the four courses designed to help students prepare extensively for the AZ-201 exam i.e. Develop Advanced MS Azure Cloud Solutions. MS Azure comes with many different dialects and it's imperative that you know to at least code in one of them if you intend to appear in this examination.

This course will cover all relevant aspects in this regard including the ways in which one can leverage the API Management Administration platform to implement and manage APIs, build an application message model and undertake the construction and management of a message-based integration architecture.

## **Course Objective:**

Once you complete this course, you will be able to obtain the following skills:

- Know how an APIM instance is built, the ways in which an API Gateway can be set and how to manage API based authentication
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- Learn API policies and the ways in which APIM can be used to incorporate them for API management
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- Learn how to use MS Azure Services in order to develop a message-based integration architecture
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- Learn how to build apps or other related services that can forward emails
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- Know the ways in which an application message model that has message exchange and schema based capabilities can be developed and managed
- Know how to undertake planning related to topics, event model, and subscriptions

## **Targeted Audience:**

- This course is primed towards Azure Developers and Programmers

- **Prerequisite:**

- At least one year of experience in a programming language that is supported by Azure

## **Recommended Prerequisite Course:**

None

## **Course Outline:**

### **Manage APIs by using API Management**

- Analyze recommendations in Security Center
- Create an API Management instance
- Configure authentication for APIs
- Create an API gateway
- Define policies for APIs
- Review questions

### **Configure a message-based integration architecture**

- Configure an app or service send emails
- Configure an event publish and subscribe model
- Configure the Azure Relay service
- Create and configure a notification hub
- Create and configure an event hub
- Create and configure a service bus
- Configure an app or service with Microsoft Graph
- Review questions

### **Develop an application message model**

- Create an event model
- Create pics and subscriptions
- Review questions

## **Course Completion**

- Final Exam