

# **AZ-305 – Designing Microsoft Azure Infrastructure Solutions (AZ-305T00)**

**Microsoft Official Course  
(MOC)**

## **AZ-305-T00 Designing Microsoft Azure Infrastructure Solutions (Updated 2021)**



**This Course Replaces AZ-303-T00 and AZ-304-T00 (Exams AZ-303 and AZ-304), starting November 2021 will be the only requirement for obtaining the Microsoft Certified: Azure Solutions Architect Expert**

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### **3a Kypca (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.

- Learn to Compare and contrast various database options on Azure, identify data streaming options for large-scale data ingest, and identify longer-term data storage options.
  - Learn how to deploy an ARM template to a resource group, author a complex deployment using the Azure Building Blocks tools, and integrate an API or Logic App with the API Management service.
  - Learn how to Describe DNS and IP strategies for VNets in Azure, compare connectivity options for ad-hoc and hybrid connectivity, distribute network traffic across multiple loads using load balancers, and design a hybrid connectivity scenario between cloud and on-premise.
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## **Цели – Какво ще научите (Course Goals/Skills):**

- 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.
- Determine the ideal pricing option for Azure Storage based on a solution's requirements.

- Identify performance thresholds for the Azure Storage service.
- Determine the type of Storage blobs to use for specific solution components.
- Use the Azure Files service for SMB operations.
- Identify solutions that could benefit from the use of StorSimple physical or virtual devices.
- Compare and contrast monitoring services for applications, the Azure platform, and networking.
- Design an alert scheme for a solution hosted in Azure.
- Select the appropriate backup option for infrastructure and data hosted in Azure.
- Automate the deployment of future resources for backup recovery or scaling purposes.
- Create a resource group.
- Add resources to a resource group.
- Deploy an ARM template to a resource group Integrate an API or Logic App with the API Management service.
- Design an App Service Plan or multi-region deployment for high performance and scale.
- Integrate an API or Logic App with the API Management service.
- Design an App Service Plan or multi-region deployment for high performance and scale.
- Describe various patterns pulled from the Cloud Design Patterns.
- Distribute network traffic across multiple loads using load balancers.
- Design a hybrid connectivity scenario between cloud and on-premise.
- Design an availability set for one or more virtual machines.
- Describe the differences between fault and update domains.
- Author a VM Scale Set ARM template.

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## Курсът е предназначен за (Audience):

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



Присъствен Курс



Онлайн (Live)  
Отдалечен

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**Език на курса:** български (английски е наличен като опция)

**Учебни Материали:** в електронен формат (Учебните материали са на английски), включени в цената с неограничен достъп.

**Лабораторна среда:** всеки курсист разполага със собствена лаб среда, където се провеждат упражненията, част от курса.



Видео Архив (24/7)



## Сертификат за Завършен Курс

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### Продължителност

- 4 работни дни (09:00 – 17:00)

**или**

- **32 уч.ч. обучение (теория и практика) в извънработно време с продължителност 3.5 седмици**
  - събота и неделя 10:00 – 14:00, 14:00 – 18:00, 18:00 – 22:00
  - понеделник и сряда 19:00 – 23:00
  - вторник и четвъртък 19:00 – 23:00
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### Плащане



Заявка за издаване на фактура се приема към момента на записването на съответния курс.

Фактура се издава в рамките на 7 дни от потвърждаване на плащането.

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# Предстоящи Курсове

[tribe\_events\_list category="microsoft-azure"]

За повече информация използвайте формата за контакт.

Ще се свържем с Вас за потвърждаване на датите.