



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

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**Sie erreichen uns unter**

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# AZ-305T00 Designing Microsoft Azure Infrastructure Solutions

**CODE:**

MCS\_AZ-305T00

**LÄNGE:**

32 Hours (4 Tage)

**PREIS:**

€2,290.00

## Description

This course teaches Azure Solution Architects how to design infrastructure solutions. Course topics cover governance, compute, application architecture, storage, data integration, authentication, networks, business continuity, and migrations. The course combines lecture with case studies to demonstrate basic architect design principles.

## Lernziel

- Design a governance solution.
- Design a compute solution.
- Design an application architecture.
- Design storage, non-relational and relational.
- Design data integration solutions.
- Design authentication, authorization, and identity solutions.
- Design network solutions.
- Design high availability solutions.
- Design backup and disaster recovery solutions.
- Design monitoring solutions.
- Design migration solutions.

## Zielgruppe

Successful students have experience and knowledge in IT operations, including networking, virtualization, identity, security, business continuity, disaster recovery, data platforms, and governance. Students also have experience designing and architecting solutions.

Job role: Solution Architect Preparation for exam: AZ-305 Features: none

## Voraussetzungen

Before attending this course, students must have previous experience deploying or administering Azure resources and conceptual knowledge of:

- Azure Active Directory
- Azure compute technologies such as VMs, containers and serverless solutions
- Azure virtual networking to include load balancers
- Azure Storage technologies (unstructured and databases)
- General application design concepts such as messaging and high availability

## Inhalt

Course outline Module 1: Design compute and application solutions

In this module you will learn about governance, compute, and application architectures. Lessons

- Design for governance

- Design for compute solutions
- Design for application architectures

Lab : Case studies After completing this module, students will be able to:

- Design a governance solution.
- Design a compute solution.
- Design an application architecture.

#### Module 2: Design storage solutions

In this module, you will learn about non-relational storage, relational storage, and data integration solutions. Lessons

- Design a non-relational storage solution.
- Design a relational storage solution.
- Design a data integration solution.

Lab : Case studies After completing this module, students will be able to:

- Design non-relational storage solutions.
- Design relational storage solutions.
- Design a data integration solution.

#### Module 3: Design networking and access solutions

In this module you will learn about authentication and authorization, identity and access for applications, and networking solutions. Lessons

- Design authentication and authorization solutions
- Design networking solutions

Lab : Case studies After completing this module, students will be able to:

- Design authentication and authorization solutions.
- Design network solutions.

#### Module 4: Design business continuity solutions Lessons

- Design for backup and disaster recovery
- Design monitoring solutions
- Design for migrations

Lab : Case studies After completing this module, students will be able to:

- Design backup and disaster recovery.
- Design monitoring solutions.
- Design for migrations.

## Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
13 May 2024	Virtual Classroom	EEST	German	Instructor Led Online		€2,290.00
03 Jun 2024	Hamburg	CEDT	German	Classroom		€2,290.00
29 Jul 2024	München	CEDT	German	Classroom		€2,290.00
26 Aug 2024	München	CEDT	German	Classroom		€2,290.00
23 Sep 2024	München	CEDT	German	Classroom		€2,290.00
07 Oct 2024	Berlin	CEDT	German	Classroom		€2,290.00
25 Nov 2024	München	CET	German	Classroom		€2,290.00
02 Dec 2024	Frankfurt	CET	German	Classroom		€2,290.00
03 Jun 2024	Virtual Classroom	CEDT	German	Instructor Led Online		€2,290.00
29 Jul 2024	Virtual Classroom	CEDT	German	Instructor Led Online		€2,290.00
26 Aug 2024	Virtual Classroom	CEDT	German	Instructor Led Online		€2,290.00
23 Sep 2024	Virtual Classroom	CEDT	German	Instructor Led Online		€2,290.00
07 Oct 2024	Virtual Classroom	CEDT	German	Instructor Led Online		€2,290.00
25 Nov 2024	Virtual Classroom	CET	German	Instructor Led Online		€2,290.00
02 Dec 2024	Virtual Classroom	CET	German	Instructor Led Online		€2,290.00

## Zusätzliche Information

[Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.](#)