

Training: Microsoft
AZ-305T00 Designing Microsoft Azure Infrastructure Solutions

TRAINING TERMS

2025-05-06 | 4 days | Virtual Classroom

2025-06-03 | 4 days | Virtual Classroom

TRAINING GOALS:

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.

Skills gained:

- 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 backup and disaster recovery solutions.
- Design monitoring solutions.
- Design migration solutions.

Audience profile:

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.

CONSPECT:

- **Design governance and compute solutions**
 - Design a governance solution
 - Design a compute solution

- Lab : Case studies
- **Design storage and data integration solutions**
 - Design a non-relational storage solution
 - Design a relational storage solution
 - Design a data integration solution
 - Lab : Case studies
- **Design app architecture, access, and monitoring solutions**
 - Design an app architecture solution
 - Design authentication and authorization solutions
 - Design a logging and monitoring solution
 - Lab : Case studies
- **Design network, continuity, and migration solutions**
 - Design a network infrastructure solution
 - Design a business continuity solution
 - Design a migration solution
 - Lab : Case studies

REQUIREMENTS:

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

Difficulty level



CERTIFICATE:

Certificate of completing an authorized Microsoft training

TRAINER:

Microsoft Certified Trainer