
Designing Microsoft Azure Infrastructure Solutions

Course code: AZ-305T00-A

Level: Advanced

Product : Azure

Role : Solution Architect

Duration: 4 days

Overview:

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.

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

- 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

Course Syllabus

1. AZ-305 Microsoft Azure Architect Design Prerequisites

- 6 Modules
- Intermediate
- Solution Architect
- Azure Storage

2. AZ-305: Design identity, governance, and monitor solutions

- 3 Modules
- Advanced
- Solution Architect
- Azure

3. AZ-305: Design business continuity solutions

- 2 Modules
- Advanced
- Solution Architect
- Azure

4. AZ-305: Design data storage solutions

- 3 Modules
- Advanced
- Solution Architect
- Azure

5. AZ-305: Design infrastructure solutions

- 4 Modules
- Advanced
- Solution Architect
- Azure