Designing Microsoft Azure Infrastructure Solutions

Course code: MOC AZ-305

Four-days instructor-led training teaches Azure Solution Architects how to design infrastructure solutions. Course topics cover governance, compute, application architecture, storage, data integration, authentication and identity, networks, high availability, business continuity, and migrations. The course combines lecture with case studies to demonstrate basic architect design principles.

At course completion students will be able

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

Prerequisities

Knowledge in extent of the courses which are listed in the bellow sections **Previous Courses** and **Related Courses**

Good understanding of TCP/IP and DNS technologies

Course outline

Design governance and compute solutions

Design a governance solution

Design a compute solution

Design a non-relational storage solution

Design a relational storage solution

Design a data integration solution

Design an app architecture solution

Design authentication and authorization solutions

Design a logging and monitoring solution

Design a network infrastructure solution

Design a business continuity solution

Design a migration solution

Preparation for Microsoft certification

Most Microsoft certification exams do not require students to attend an official MOC course in order to pass the exam.

This applies to all certifications except for MCM

Official Microsoft MOC courses as well as our own GOC courses are good ways of preparation for Microsoft certifications

such as MCP, MTA, MCSA, MCSE or MCM

This does not mean that official MOC courses would serve as the only necessary praparation. The primary goal of an MOC course is to provide for sufficient theoretical knowledge and practical experience to effectively work with the related product

MOC courses usually cover most of the topics required by their respective certification exams, but often do not give every topic the same amount of time and emphassis as may be required to completelly pass the exam