AZ-304: Microsoft Azure Architect Design, Part 5 of 5: Design Infrastructure

Meet the expert: Anand Rao is a senior technical instructor and cloud consultant. He has worked with large enterprises for about 15 years and has a wide range of
technologies in his portfolio.Anand Rao has delivered instructor led trainings in several states in India as well as several countries like USA, Bahrain, Kenya and UAE. He has worked as a Microsoft Certified Trainer globally for Corporate Major Clients.

Prerequisites: A candidate for this exam should have advanced experience and knowledge of IT operations, including networking, virtualization, identity, security, business continuity, disaster recovery, data platform, budgeting, and governance–this role should manage how decisions in each area affect an overall solution. In addition, this role should have expert-level skills in Azure administration and have experience with Azure development and DevOps processes.

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Course description: Azure Architect Design tests expertise in designing and implementing solutions that run on Microsoft Azure. This course covers Design infrastructure makes up (25-30%) of the exam. Topics covered include: Deployment and Migration, Automation and Data Security.

Course outline:

Deployment Migration and Integration
- Introduction
- Deployment Migration and Integration
- Deployment Strategies
- Azure Resource Manager Templates
- Summary

Azure Automation
- Introduction
- Azure Automation
- Fundamentasl Of Data Protection
- Azure SQL Data Protection
- Summary

Azure SQL Data Network Security
- Introduction
- Azure SQL Data Network Security
- Data protection for Azure Data Warehouse
- Data protection for Cosmos DB
- Migration - Introduction
- Summary

Migration Fundamentals
- Introduction
- Migration Fundamentals
- Azure Import Export Service
- Summary