



# Microsoft Azure Exam BootCamp for AZ-304 (Architect Design)

Duration: 4 Days



## COURSE OUTLINE

- **Module 1: Design a Compute Solution**
- **Module 2: Design a Network Solution**
- **Module 3: Design for Migration**
- **Module 4: Design Authentication and Authorization**
- **Module 5: Design Governance**
- **Module 6: Design a Solution for Databases**
- **Module 7: Select an Appropriate Storage Account**
- **Module 8: Design Data Integration**
- **Module 9: Design a Solution for Logging and Monitoring**
- **Module 10: Design a Solution for Backup and Recovery**
- **Module 11: Design for High Availability**
- **Module 12: Design for Cost Optimization**
- **Module 13: Design an Application Architecture**
- **Module 14: Design Security for Applications**

## DESCRIPTION

This BootCamp course from CloudThat is for the new role based AZ-304 exam targeted for Azure Solution Architects. Taking this course and passing AZ-304 exam meets a part of the requirement for Microsoft Certified Azure Solutions Architect Expert Certification.

This course teaches Solutions Architects how to translate business requirements into secure, scalable, and reliable solutions. Lessons include design considerations related to logging, cost analysis, authentication and authorization, governance, security, storage, high availability, and migration. This role requires decisions in multiple areas that affect an overall design solution.

## OBJECTIVES

After successful completion of this BootCamp candidates will be able to:

- Recommend solutions to minimize costs
- Recommend a solution for Conditional Access, including multi-factor authentication
- Recommend a solution for a hybrid identity including Azure AD Connect and Azure AD Connect
- Recommend a solution for using Azure Policy
- Recommend a solution that includes KeyVault
- Recommend a solution that includes Azure AD Managed Identities
- Recommend a storage access solution
- Design an Azure Site Recovery solution
- Recommend a solution for autoscaling
- Recommend a solution for containers
- Recommend a solution for network security
- Recommend a solution for migrating applications and Vms
- Recommend a solution for migration of databases

# WHO SHOULD ATTEND

- IT Professionals with expertise in designing and implementing solutions running on Microsoft Azure
- Professionals who have broad knowledge of IT operations, including networking, virtualization, identity, security, business continuity, disaster recovery, data platform, budgeting, and governance
- Azure Solution Architects use the Azure Portal and as they become more adept they use the Command Line Interface
- Candidates must have expert-level skills in Azure administration and have experience with Azure development processes and DevOps processes

# PREREQUISITES

Successful Azure Solution Architects start this role with experience on operating systems, virtualization, cloud infrastructure, storage structures, and networking.

- Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks.
- Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies.
- Understanding of Active Directory concepts, including domains, forests, domain controllers, replication, Kerberos protocol, and Lightweight Directory Access Protocol (LDAP).
- Understanding of resilience and disaster recovery, including backup and restore operations.

# TESTIMONIALS

“ Trainer is quite knowledgeable and has got lot of experience. He was bringing realtime example, properly keeping the focus on theory and practice. This was very much important that the trainer is always keeping the track especially for an exhaustive content. ”

**- Rajkiran A, Senior IT Manager, P&G**

“ Very impressive training, this will certainly help my team to upgrade the skill in Azure. I would definitely recommend this training as a good kick start for Azure learning. A trainer is very knowledgeable having great command over the subject. ”

**- Anil V, Associate Manager, Stryker**

“ Very satisfied with the Training, Well explained the concepts though I am not from a Networking/System Admin background. ”

**- Deepak S, Sr Software Engineer,Cerner Healthcare Solutions**

For training inquiry,  
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