Title: Exam AZ-300: Microsoft Azure Architect Technologies Crash Course

**DAY 1 of 2 (3 hours)**

Introduction (10 minutes)

* Set expectations
* Perform high-level course overview
* Give tips and tricks to maximize benefit from this course

Module 1: Deploy and Configure Azure Infrastructure (70 min)

* Analyze resource utilization and consumption
* Create and configure storage accounts
* Create, configure, and automate deployment of Windows and Linux virtual machines (VMs)
* Create connectivity between virtual networks
* Implement and manage virtual networking
* Manage Azure Active Directory (Azure AD)
* Implement and Manage Hybrid Identities

[10-min break]

Module 2: Implement Azure Workloads and Security (70 min)

* Migrate servers to Azure
* Configure serverless computing
* Implement application load balancing
* Integrate an on-premises network with an Azure virtual network
* Manage role-based access control (RBAC)
* Implement Multi-Factor Authentication (MFA)

Module 3: Create and Deploy Apps in Azure (45 min)

* Create web apps by using PaaS
* Design and develop apps that run in containers

Synthesis (20 min)

* Q&A
* Content review
* Takeaways
* What we'll cover in Day 2

**DAY 2 of 2 (3 hours)**

Introduction (10 minutes)

* Briefly review Day 1 material
* Perform Day 2 content overview
* Answer any outstanding questions from Day 1

Module 4: Implement Authentication and Secure Data in Azure (30 min)

* Implement authentication
* Implement secure data solutions

[10-min break]

Module 5: Develop for the Cloud and for Azure Storage (45 min)

* Develop solutions that use Cosmos DB storage
* Develop solutions that use a relational database
* Configure a message-based integration architecture
* Develop for autoscaling

Module 6: Exam AZ-300 Exam Strategy (40 min)

* Grasp the content
* Acquire the hands-on skills
* Master computer-based testing
* Comprehend what to expect before, during, and after the exam

Synthesis (20 min)

* Content review
* Q&A
* Takeaways
* Next steps/Goodbye