Microsoft Azure Infratructure and Deployment Bundle

Duration: *5 Day(s)*

Course Overview

Day 1: Manage Subscriptions and Resources (AZ-100T01-A) Learn how to manage their Azure subscriptions, including access, policies, and compliance, as well as how to track and estimate service usage and related costs.

Day 2: Implementing and Managing Storage (AZ-100T02-A) Learn how to implement Azure storage solutions for a variety of scenarios.

Day 3: Deploying and Managing Virtual Machines (AZ-100T03-A) Learn how to create and manage virtual machines as part of an Infrastructure as a Service (IaaS) computing infrastructure.

Day 4: Configuring and Managing Virtual Networks (AZ-100T04-A) Learn how to configure and manage Azure virtual networks (VNets).

Day 5: Manage Identities (AZ-100T05-A) Learn how to use Azure Active Directory (AD) to provide employees and customers with a multi-tenant cloud-based directory and identity management system.

Review this course online at https://www.alta3.com/courses/AZ-100

Objectives

• Manage Azure subscriptions and resources efficiently.

• Implement and manage storage solutions adeptly.

• Deploy and configure virtual machines for optimal performance.

• Configure and secure virtual network environments effectively.

Who Should Attend

• Azure Administrators

• Cloud Engineers

• IT Infrastructure Managers

• Systems Administrators

Prerequisites

Successful Cloud Administrators start this role with experience on operating systems, virtualization, cloud infrastructure, storage structures, and networking.

Course Outline

Day 1: Manage Subscriptions and Resources (AZ-100T01-A)

1. Module 1: Managing Azure Subscriptions
2. Module 2: Access Management for Cloud Resources
3. Module 3: Monitoring and Diagnostics
4. Module 4: Log Analytics
5. Module 5: Azure Resource Manager

6. Module 6: Azure Tips, Tricks, and Tools

Day 2: Implementing and Managing Storage (AZ-100T02-A)

7. Module 1: Overview of Azure Storage

8. Module 2: Storage Services
9. Module 3: Securing and Managing Storage
10. Module 4: Storing and Accessing Data

11. Module 5: Monitoring Storage

Day 3: Deploying and Managing Virtual Machines (AZ-100T03-A)

12. Module 1: Overview of Azure Machines

13. Module 2: Creating Virtual Machines
14. Module 3: Deploying Virtual Machine Images
15. Module 4: Configuring Virtual Machines
16. Module 5: Configuring Availability and Extensibility

17. Module 6: Managing and Monitoring Virtual Machines

Day 4: Configuring and Managing Virtual Networks (AZ-100T04-A)

18. Module 1: Azure Virtual Networks

19. Module 2: Azure DNS
20. Module 3: Securing Virtual Network Resources

21. Module 4: Connecting Virtual Networks

Day 5: Manage Identities (AZ-100T05-A)

22. Module 1: Managing Azure Active Directory

23. Module 2: Managing Azure Active Directory Objects
24. Module 3: Implementing and Managing Hybrid Identities