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Microsoft

EXAM AZ-104: MICROSOFT AZURE ADMINISTRATOR ASSOCIATE TRAINING



Course Level:

Intermediate

Course Duration:

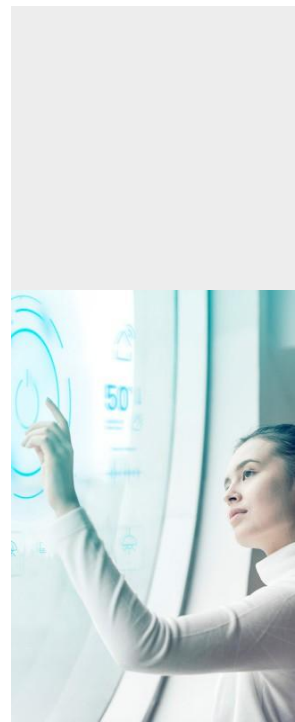
4 days

Course Overview:

The Exam AZ-104: Microsoft Azure Administrator Associate certification training from CloudThat offers candidates proper training and relevant study material to clear the new role-based exam AZ-104 targeted for Azure Administrators. Taking up this Azure training and passing the exam will meet all the Azure certification requirements necessary to be a certified Microsoft Azure Administrator Associate.

As part of a larger team, Azure administrator performs various roles, including implementation of an organization's cloud infrastructure. In addition, the responsibilities of Azure administrator also include managing, implementing, and monitoring identity, storage, governance, compute, and virtual networks in a cloud environment, along with monitoring and adjusting resources when required.

Note: The AZ-104 exam is the replacement of exam AZ-103.



Prerequisites

Should have an understanding of the following:

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

Objectives

-  Manage Azure identities and governance
-  Implement and manage storage
-  Deploy and manage Azure compute resources
-  Configure and manage virtual networking
-  Monitor and back up Azure resources

Do you want to make career as a Microsoft Certified Azure Administrator Associate? Start your certification journey with AZ-104 certification training from CloudThat. Grab up to 30% discount on all Microsoft certification courses.

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Course Outline

Module 1: Administer Identity

Lessons

- Understand Microsoft Entra ID
- Create, configure, and manage identities

Hands-On

- Manage Microsoft Entra ID Identities

Module 2: Administer Governance and Compliance

Lessons

- Describe the core architectural components of Azure
- Azure Policy Initiatives
- Secure your Azure resources with role-based access control (RBAC)

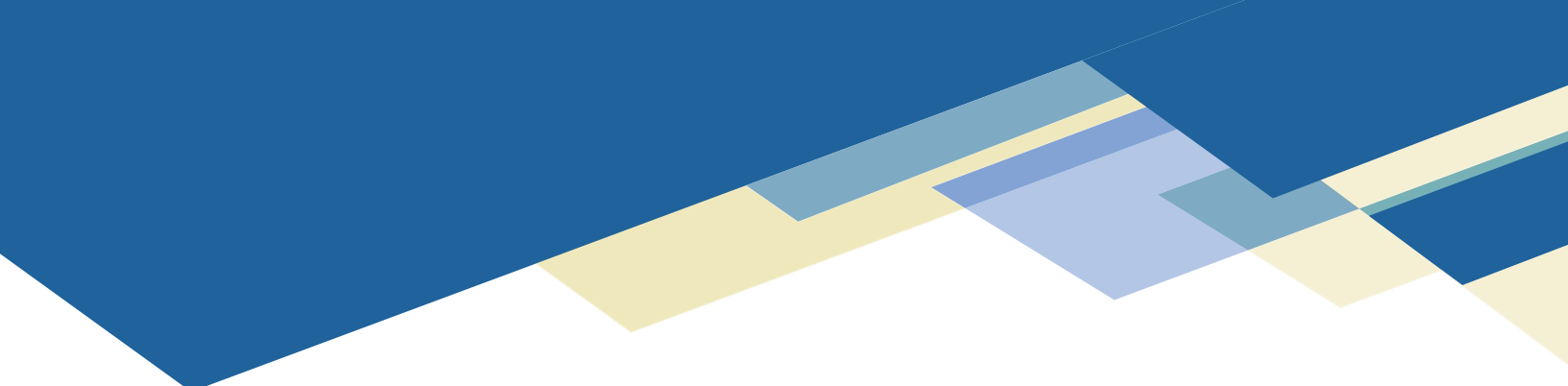
Hands-On

- Manage Subscriptions and RBAC
- Manage Governance via Azure Policy

Module 3: Administer Azure Resources

Lessons

- Configure Azure Resources with Tools
 - Microsoft Copilot in Azure
 - Manage services with the Azure portal
 - Introduction to PowerShell
 - Introduction to Bash
- Deploy Azure resources with templates



Hands-On

- Manage Azure resources by Using ARM Templates

Module 4: Administer Virtual Networking

Lessons

- Configure Virtual Networks
- Configure Network Security Groups
- Host your domain on Azure DNS

Hands-On

- Implement Virtual Network

Module 5: Administer Intersite Connectivity

Lessons

- Configure VNet Peering
- Manage and control traffic flow with routes

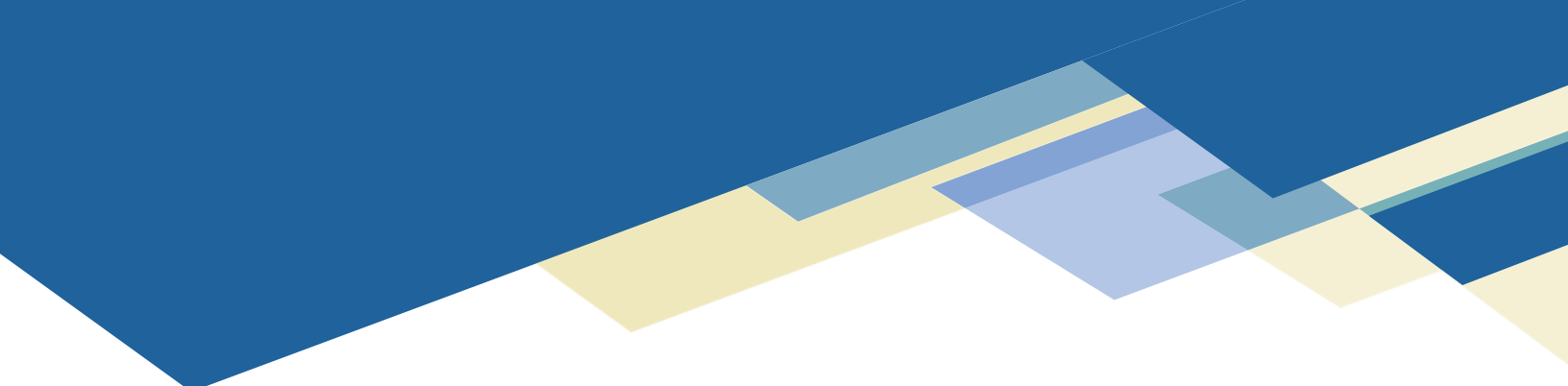
Hands-On

- Implement Intersite Connectivity

Module 6: Administer Network Traffic

Lessons

- Introduction to Azure Load Balancer
 - Introduction to Application Gateway
 - Introduction to Network Watcher
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Hands-On

- Implement Traffic Management

Module 7: Administer Azure Storage

Lessons

- Configure Storage Accounts
- Configure Blob Storage
- Configure Storage Security
- Configure Azure Files

Hands-On

- Manage Azure storage

Module 8: Administer Azure Virtual Machines

Lessons

- Introduction to Azure Virtual Machines
- Configure Virtual Machine Availability

Hands-On

- Manage virtual machines

Module 9: Administer PaaS Compute Options

Lessons

- Configure Azure App Service Plans
- Configure Azure App Services
- Configure Azure Container Instances

Hands-On

- Implement Web Apps
- 

- Implement Azure Container Instances
- Implement Azure Container Apps

Module 10: Administer Data Protection

Lessons

- Introduction to Azure Backup
- Protect your virtual machines by using Azure Backup

Hands-On

- Implement Data Protection

Module 11: Administer Monitoring

Lessons

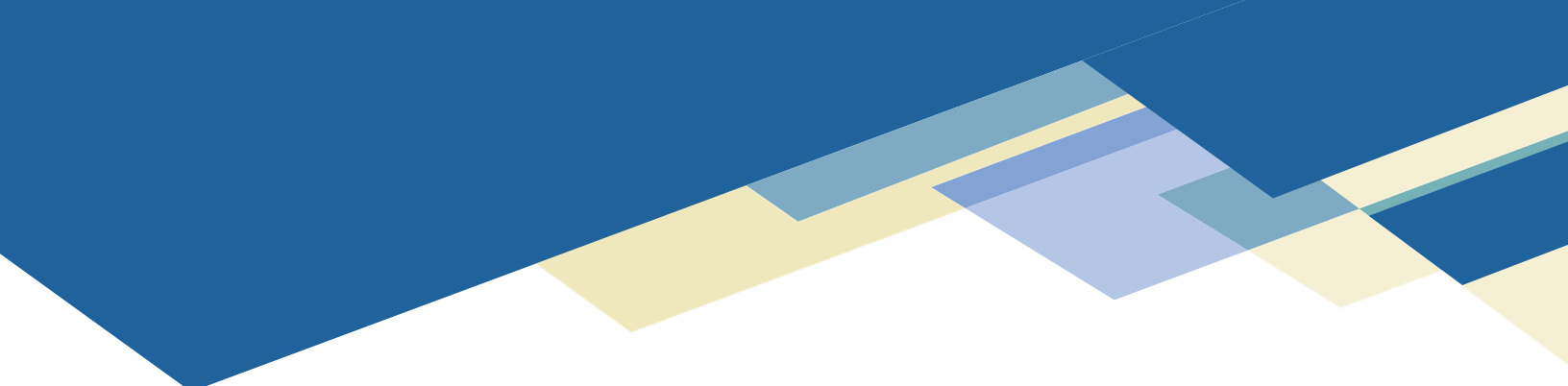
- Introduction to Azure Monitor
- Improve incident response with alerting on Azure
- Analyze your infrastructure using Azure Monitor logs

Hands-On

- Implement Monitoring

Who should attend this course?

- IT Professionals
- Future & Current Azure Administrators



About CloudThat

CloudThat is the first company in India to offer Cloud Training & Consulting services for mid-market & enterprise clients from across the globe. Since our inception in 2012, we have trained over 600K IT professionals from fortune 500 companies on technologies such as Microsoft Azure, Amazon Web Services, VMware, Artificial Intelligence, Machine Learning, Google Cloud, IoT, OpenStack, OpenShift, DevOps, Big Data, Kubernetes, and more.

With an expertise in major Cloud platforms, CloudThat is a proud Microsoft Gold Partner, AWS Authorized Training Partner, VMware Authorized Training Reseller, and Google Cloud Platform Partner. Till date we have conducted successful corporate training for some of the fortune 500 companies which includes Accenture, Deloitte, Infosys, Fidelity, HCL, Intuit, GE, TCS, HP, SAP, Oracle, Western Union, Philips, Flipkart, L&T and Samsung, just to name a few. We have presence in Bengaluru, Mumbai, USA & UK, offering on-site and pre-scheduled public batches in different IT centric cities of India and Overseas.

Our Success Track

14+ Years
of Experience

200+
Corporates trained

30+
countries catered

750K+
Professionals trained

350+
Projects delivered

600+
Cloud certifications

To know more about our VMware certification training, email at sales@cloudthat.com or call us at **+918880002200**.

