Course Contents

AZ-104: Microsoft Azure Administrator

Duration: **4 Days**	**Level**: **Intermediate**	**Role**: **Administrator**
Certification: **Available**	**Public Schedules**: View Dates	**Private Delivery:** Reach Us

What's included?

- ✓ Learn from Microsoft Certified Trainer (MCT's)
- ✓ 24x7 Lab Access
- ✓ Official Courseware
- ✓ Exam Preps / Practice Tests
- ✓ Badges & Completion Certificate
- ✓ Discounted Exam Vouchers

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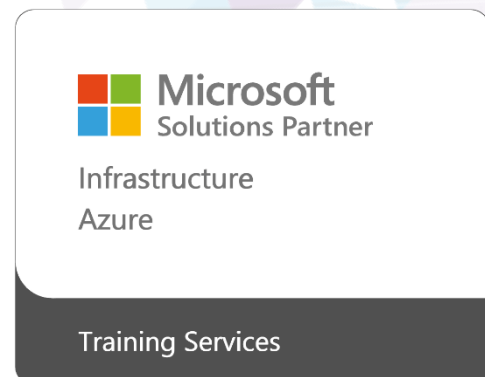
Overview

This course teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.

Audience Profile

This course is for Azure Administrators. The Azure Administrator implements, manages, and monitors identity, governance, storage, compute, and virtual networks in a cloud environment. The Azure Administrator will provision, size, monitor, and adjust resources as appropriate.

Contents

Learning path 1: Administer Identity

- Configure Microsoft Entra ID
- Configure User and Group Accounts
- Exercise: Manage Microsoft Entra ID Identities

Learning Path 2: Administer Governance and Compliance

- Configure Subscriptions
- Configure Azure Policy
- Configure Role-Based Access Control
- Lab 02a - Manage Subscriptions and RBAC
- Lab 02b - Manage Governance via Azure Policy
- Lab 02c – Manage Azure resources with the Azure portal

Learning Path 3: Administer Azure Resources

- Configure Azure Resources with Tools
- Configure Resources with ARM Templates
- Lab 03b - Manage Azure resources by Using ARM Templates
- Lab 03c - Manage Azure resources by Using Azure PowerShell (optional)
- Lab 03d - Manage Azure resources by Using Azure CLI (optional)

Learning Path 4: Administer Virtual Networking

- Configure Virtual Networks
- Configure Network Security Groups

- Configure Azure DNS
- Lab 04 – Implement Virtual Networks

Learning Path 5: Administer Intersite Connectivity

- Configure VNet Peering
- Configure Network Routing and Endpoints
- Lab 05 - Implement Intersite Connectivity

Learning Path 6: Administer Network Traffic

- Configure Azure Load Balancer
- Configure Application Gateway
- Configure Network Watcher
- Lab 06 – Implement Traffic Management

Learning Path 7: Administer Azure Storage

- Configure Storage Accounts
- Configure Blob Storage
- Configure Storage Security
- Configure Azure Files
- Lab 07 – Manage Azure Storage

Learning Path 8: Administer Azure Virtual Machines

- Configure Virtual Machines
- Configure Virtual Machine Availability
- Lab 08 – Manage Virtual Machines

Learning Path 9: Administer PaaS Compute Options

- Configure Azure App Service Plans
- Configure Azure App Services
- Configure Azure Container Instances
- Lab 09a - Implement Web Apps
- Lab 09b - Implement Azure Container Instances
- Lab 09c – Implement Azure Container Apps

Learning Path 10: Administer Data Protection

- Configure File and Folder Backups
- Configure Virtual Machine Backups

- Lab 10 – Implement Data Protection

Learning Path 11: Administer Monitoring

- Configure Azure Monitor
- Configure Azure Alerts
- Configure Log Analytics
- Lab 11 – Implement Monitoring

About GTech Learn

Established in 2011 in the USA, GTech Learn is one of the leading IT training organizations in North America & South East Asia. Driven by its unique USPs, GTech Learn is spurring competition, meeting the unmet needs of customers, assisting in skills upgrade, and supplementing talent pools with its presence in the USA, Canada, Singapore and India. This is consistent with our vision to help our Learners with skills upgrade for enhanced career opportunities.

As a Microsoft Learning Partner, we offer a broad range of learning solutions across the full Microsoft technology stack that can be customized.

Since 2011, GTech Learn has been developing custom-fit learning solutions that involve creating and delivering maximum results.

We have successfully helped all types of businesses, government entities, and individuals. For this reason, GTech has chosen by Microsoft to deliver comprehensive learning programs around the globe.

With flexible learning options, state-of-the-art delivery methods, numerous language preferences, experienced instructors, and complete dedication to our students, GTech Learn has the capabilities to help students develop their Microsoft skill sets and achieve increasingly high standards of productivity while organizations of all sizes realize the full potential of their technology investments.
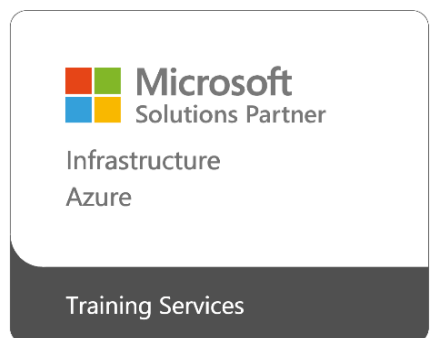
Our Accreditations with Microsoft

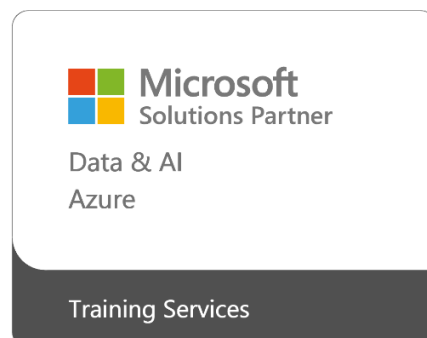|		
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