



GTech Learn

"Our focus is your Success"



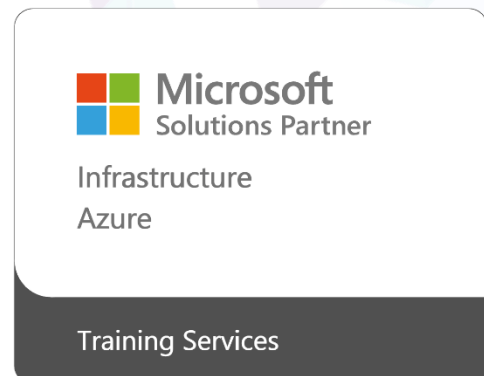
Course Contents

AZ-800: Administering Windows Server Hybrid Core Infrastructure

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 core Windows Server workloads and services using on-premises, hybrid, and cloud technologies. The course teaches IT Professionals how to implement and manage on-premises and hybrid solutions such as identity, management, compute, networking, and storage in a Windows Server hybrid environment.

Audience Profile

This four-day course is intended for Windows Server Hybrid Administrators who have experience working with Windows Server and want to extend the capabilities of their on-premises environments by combining on-premises and hybrid technologies. Windows Server Hybrid Administrators implement and manage on-premises and hybrid solutions such as identity, management, compute, networking, and storage in a Windows Server hybrid environment.

Contents

Learning path 1: Deploy and manage identity infrastructure

- Introduction to AD DS
- Manage AD DS domain controllers and FSMO roles
- Implement Group Policy Objects
- Manage advanced features of AD DS

Learning Path 2: Deploy and manage identity infrastructure

- Implement hybrid identity in Windows Server
- Deploy and manage Azure IaaS Active Directory domain controllers in Azure

Learning Path 3: Administering Windows Server Hybrid Core Infrastructure

- Perform Windows Server secure administration
- Windows Server administration tools
- Post-installation configuration of Windows Server
- Just Enough Administration in Windows Server

Learning Path 4: Administering Windows Server Hybrid Core Infrastructure

- Administer and manage Windows Server IaaS virtual machines remotely
- Manage hybrid workloads with Azure Arc

Learning Path 5: Manage virtualization and containers in a hybrid environment (Hyper-V virtualization in Windows Server)

- Configure and manage Hyper-V
- Configure and manage Hyper-V virtual machines

- Securing virtualization in Windows Server
- Run containers on Windows Server
- Orchestrate containers on Windows Server using Kubernetes

Learning Path 6: Manage virtualization and containers in a hybrid environment (Deploying and configuring Azure VMs)

- Plan and deploy Windows Server IaaS Virtual Machines
- Customize Windows Server IaaS Virtual Machine images
- Automate the configuration of Windows Server IaaS Virtual Machines

Learning Path 7: Implement and manage an on-premises and hybrid networking infrastructure (Network infrastructure services in Windows Server)

- Deploy and manage DHCP
- Implement Windows Server DNS
- Implement IP address management
- Implement remote access

Learning Path 8: Implement and Manage an on-premises and Hybrid Networking Infrastructure (Implementing hybrid networking infrastructure)

- Implement hybrid network infrastructure
- Implement DNS for Windows Server IaaS VMs
- Implement Windows Server IaaS VM IP addressing and routing

Learning Path 9: Configure Storage and File Services (File servers and storage management in Windows Server)

- Manage Windows Server file servers
- Implement Storage Spaces and Storage Spaces Direct
- Implement Windows Server Data Deduplication
- Implement Windows Server iSCSI
- Implement Windows Server Storage Replica

Learning Path 10: Configure Storage and File Services (Implementing a hybrid file server infrastructure)

- Overview of Azure file services
- Implementing Azure File Sync

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

 Security Training Services	 Modern Work Training Services	 Business Applications Training Services
 Infrastructure Azure Training Services	 Digital & App Innovation Azure Training Services	 Data & AI Azure Training Services