

# AZ-801T00 Configuring Windows Server Hybrid Advanced Services

**Price:** 2370

**Duration:** 4 days

**Delivery Methods:** Virtual

## Overview

This course teaches IT Professionals to configure advanced Windows Server services using on-premises, hybrid, and cloud technologies. The course teaches IT Professionals how to leverage the hybrid capabilities of Azure, how to migrate virtual and physical server workloads to Azure IaaS, and how to secure Azure VMs running Windows Server. The course also teaches IT Professionals how to perform tasks related to high availability, troubleshooting, and disaster recovery. The course highlights administrative tools and technologies including Windows Admin Center, PowerShell, Azure Arc, Azure Automation Update Management, Microsoft Defender for Identity, Azure Security Center, Azure Migrate, and Azure Monitor.

## Who Should Attend?

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 who already implement and manage on-premises core technologies want to secure and protect their environments, migrate virtual and physical workloads to Azure IaaS, enable a highly available, fully redundant environment, and perform monitoring and troubleshooting.

## Course Prerequisites

An understanding of the following concepts as related to Windows Server technologies: High availability and disaster recovery Automation Monitoring Troubleshooting

## **Outline**

- 1 - Implement Windows Server IaaS VM network security
- 2 - Audit the security of Windows Server IaaS Virtual Machines
- 3 - Manage Azure updates
- 4 - Create and implement application allowlists with adaptive application control
- 5 - Configure BitLocker disk encryption for Windows IaaS Virtual Machines
- 6 - Implement change tracking and file integrity monitoring for Windows IaaS VMs
- 7 - Secure Windows Server DNS
- 8 - Secure Windows Server user accounts
- 9 - Windows Server update management
- 10 - Introduction to Cluster Shared Volumes
- 11 - Implement Windows Server failover clustering
- 12 - Implement high availability of Windows Server VMs
- 13 - Implement Windows Server File Server high availability
- 14 - Implement scale and high availability with Windows Server VM
- 15 - Implement Hyper-V Replica
- 16 - Implement hybrid backup and recovery with Windows Server IaaS
- 17 - Protect your on-premises infrastructure from disasters with Azure Site Recovery
- 18 - Protect your Azure infrastructure with Azure Site Recovery
- 19 - Protect your virtual machines by using Azure Backup
- 20 - Migrate on-premises Windows Server instances to Azure IaaS virtual machines
- 21 - Upgrade and migrate Windows Server IaaS virtual machines
- 22 - Active Directory Domain Services migration

- 23 - Migrate file server workloads using Storage Migration Service
- 24 - Migrate Windows Server roles
- 25 - Monitor Windows Server IaaS Virtual Machines and hybrid instances
- 26 - Monitor your Azure virtual machines with Azure Monitor
- 27 - Monitor Windows Server performance
- 28 - Manage and monitor Windows Server event logs
- 29 - Implement Windows Server auditing and diagnostics
- 30 - Troubleshoot on-premises and hybrid networking
- 31 - Troubleshoot Windows Server Virtual Machines in Azure
- 32 - Troubleshoot Active Directory

## Course Schedule

Date	Time	Price	Options
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## Why Professionals Choose TOPTALENT?

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## **FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.