

KOENIG SOLUTIONS • COURSE OUTLINE

Windows Server Hybrid Administrator (AZ-800 & AZ-801)

Learn to configure, secure and integrate Windows Server across on-premises and hybrid Azure environments, from core infrastructure to disaster recovery.

5 Days

DURATION

5

MODULES

25

TOPICS

5 days (Modules)

COURSE OVERVIEW

This course provides comprehensive training on configuring and managing Windows Server in both on-premises and hybrid environments. It prepares learners for the AZ-800 and AZ-801 certification exams by covering: Core infrastructure, Identity, Networking, Virtualization, High availability, Hybrid integration with Azure

WHO THIS COURSE IS FOR

Systems Administrators

Network Administrators

Identity Administrators

Infrastructure Engineers

Cloud Administrators

TOOLS AND REQUIREMENTS

Tools Used

- Windows Admin Center
- Azure Portal
- PowerShell
- Hyper-V

LEARNING OBJECTIVES

- Deploy and manage core infrastructure services in Windows Server
- Integrate on-prem Active Directory with Azure Active Directory
- Manage virtualization with Hyper-V and Azure IaaS
- Implement Windows Server high availability and disaster recovery
- Secure Windows Server environments with security baselines and policies
- Monitor and troubleshoot performance and health issues
- Prepare for both AZ-800 and AZ-801 certification exams

5 Modules, 25 Topics

01

Core Windows Server Administration (AZ-800)

TOPICS

- Installing and configuring Windows Server
- Managing Windows Server with Windows Admin Center
- **Roles and features:** DNS, DHCP, and file services
- Group Policy and administrative templates
- Managing local and remote servers

02

Identity and Hybrid Integration (AZ-800)

TOPICS

- Active Directory Domain Services (AD DS)
- Azure AD integration and synchronization (Azure AD Connect)
- Group membership and SSO across environments
- Secure authentication using MFA and conditional access
- Delegation and administrative roles

03

Virtualization and Networking (AZ-800 / AZ-801)

TOPICS

- Hyper-V configuration and VM deployment
- VHD/VHDX, checkpoints, and replication
- **Networking with Windows Server:** NIC teaming, IPAM, DNS
- VPN and Azure Network integration
- Managing hybrid workloads in Azure

04

High Availability and Disaster Recovery (AZ-801)

TOPICS

- Failover clustering and load balancing
- Storage Spaces Direct and file server clustering
- Backup and restore with Windows Server Backup
- Implementing Azure Site Recovery and backup
- Troubleshooting boot, driver, and services failures

05

Monitoring, Security, and Exam Review (AZ-801)

TOPICS

Windows Server security best practices · Microsoft Defender for Identity and Endpoint · Performance monitoring and event tracing · Policy-based compliance and hardening · Practice questions and certification strategy

NOTES

Includes

- Hands-on labs, quizzes, exam simulations, Azure hybrid demos

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

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