Windows Server 2022 and Azure Hybrid Features

WorkshopPLUS

Duration: 3 Days [Remote / Onsite]
Difficulty Level: 300 - Advanced

Description

This workshop is designed to help you gain a comprehensive introduction to the wide range of new and improved features in Windows Server 2022 and related Azure Hybrid features. Microsoft experts will help you understand how to run business-critical workloads in Azure, on-premises, and at the edge. Throughout all the modules, we will examine in detail all the new and updated features and roles in Windows Server 2022, ensuring you are well equipped to apply these advancements in your environment.

Objectives

- Identify new and improved features in Windows Server 2022 and use Windows Admin Center to manage them.
- Integrate on-premises Windows Server with Azure Hybrid features.
- Manage privileged credential and identity protections.
- Apply the new cross-platform features to create simple Windows Server containers, take advantage of new capabilities in virtualization, failover clustering, and Hyper-V, and configure new storage features such as Storage Replica.

Outcomes

- Gain a thorough understanding of Windows Server 2022 and its hybrid features.
- Learn how to best apply these features in your environment.

Methodology

Learn by example
Participate in group discussions and learn from presentations and demonstrations.

Hands-on
- Use a ready environment for hands-on experience.
- Gain access to resources and labs for up to six months after the workshop.

Scope

This offering is limited to instructor- led training with hands-on labs about Windows Server 2022 and Azure Hybrid features, helping participants acquire the necessary knowledge and skills for their environment.

Agenda
Day 1
- Getting Started, and Management

Day 2
- Windows Server Roles, Features and Core Networking,
- Windows Server Security

Day 3
- Failover Clustering and Storage
- Virtualization

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Delivery Outline

Requirements	
Participants • Microsoft Server administrators • Server-decision makers **Skill Requirements** • A basic familiarity with latest Windows Server operating system is required. **Time Commitment** • Three full-day engagements with relevant roles.	**Delivery Requirements** • Microsoft/Windows Live ID to connect to the virtual environment Hardware running: • Supported version of Windows • Supported version of Office • Modern browser, such as Microsoft Edge (or equivalent) • Internet access • Microsoft Teams for remote deliveries

Education		
Day 1	Get started	• Overview of Windows Server 2022 • Release Channels • Licensing • Installation Options • Lifecycle and Upgrades • Why discuss Hybrid Features?
	Management	• Manage with a DevOps mindset • Using the Command Line • Windows Admin Center • Hybrid Management
Day 2	Windows Server Roles, Features, Core Networking	• Active Directory Role • Web Server Role • DNS Server Role • File Services Role • Windows Server Features • Core Networking
	Windows Server Security	• Core Principles of Windows Server Security • Protecting the Operating System • Protecting Identity for Windows Server • Hybrid Security
Day 3	Failover Clustering, Storage	• Failover Clustering • Storage • Failover Cluster Storage
Day 4	Virtualization	• Hypervisor Hosts • Containers

For more information: Contact your Microsoft representatives.

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