

WorkshopPLUS - Windows Server 2025 Innovations and Updates



WorkshopPLUS

Duration: 3 Days [Remote / Onsite]

Difficulty Level: 300 - Advanced

Description

This workshop is designed to help participants discover the transformative capabilities of Windows Server 2025. It provides a comprehensive overview of the new features and enhancements aimed at elevating your IT infrastructure. Whether you're managing on-premises servers or integrating with the cloud, this workshop will equip you with the knowledge to harness the full potential of Windows Server 2025.

Objectives

Each module in this workshop is focused on delivering participants essential understanding and experiential learning of the new features and innovations in Windows Server 2025.

Outcomes

- Participants will gain in-depth knowledge of the latest features and innovations in server management, enabling them to efficiently manage and optimize server environments.
- Learn how to seamlessly integrate on-premises servers with cloud services, leveraging hybrid cloud capabilities to enhance flexibility and scalability.
- Discover advanced security features, equipping participants with the skills to implement robust security protocols and protect their server infrastructure from potential threats.
- Participants will explore the latest innovations in virtualization technology, learning how to deploy and manage compute, storage and SDN effectively to maximize resource utilization.

Methodology

Learn by example

Participate in group discussions and learn from presentations and demonstrations.

Hands-on

- Use a ready environment for a hands-on experience
- Access to resources and labs for up to six months after the workshop

Scope

This offering features instructor-led training with hands-on labs focused on Windows Server 2025, empowering participants with the essential knowledge and skills to excel in their roles..

Agenda

Day 1

- Getting Started
- Modern Management

Day 2

- Advanced Security
- Hybrid Capabilities

Day 3

- Virtualization Platform

Delivery Outline

Requirements

Participants

- Microsoft Server administrators/engineers
- Server-decision makers

Skill Requirements

- Familiarity with latest features and innovations on Windows Server 2019/2022 is recommended.

Time Commitment

- Three full-day engagement with relevant roles

Delivery Requirements

- Microsoft/Windows Live ID to connect to the virtual environment
- Hardware running:
 - Supported version of Windows and Office
 - Modern browser like MS Edge (or equivalent)
 - Internet Access
 - Microsoft Teams for remote deliveries

Education

Day 1	Getting Started	<ul style="list-style-type: none"> ▪ Editions and Virtualization Options / Extended Security Updates ▪ New Desktop Experience / New Upgrade Experience
Day 1	Modern Management	<ul style="list-style-type: none"> ▪ Windows Admin Center / Windows Terminal ▪ OpenSSH Server / WinGet ▪ Dtrace / PowerShell 7.x
Day 2	Advanced Security	<ul style="list-style-type: none"> ▪ Secured-Server Core / Microsoft Security Baselines ▪ App Control for Business / Credential Guard ▪ Hotpatching / Active Directory New Features ▪ Windows LAPS / Roadmap to NTLM Elimination ▪ SMB Security Improvements
Day 2	Hybrid Capabilities	<ul style="list-style-type: none"> ▪ Azure Arc / Defender for Servers ▪ Hybrid Services: (Monitor, Backup, Site-Recovery, Update Manager) ▪ Azure File Sync Improvements
Day 3	Virtualization Platform	<ul style="list-style-type: none"> ▪ Azure Local Overview / VMWare Migration Options ▪ GPU Partitioning / DDA Pools ▪ Dynamic Processor Compatibility / NVMe and NVMe-oF ▪ ReFS Data Deduplication / Storage Replica New Features ▪ S2D New Features / Windows Server Containers New Features ▪ SDN Multisite / Network Controller Improvements ▪ Tag-Based Segmentation / Default Network Policies ▪ Accelerated Networking ▪ Network ATC ▪ Network HUD

For more information: Please contact your Microsoft Representative for more details.