

Windows Server 2019: New Features and Upgrade

WorkshopPLUS

Duration: 4 days | **Focus Area:** Upgrade, Migration and Deployment | **Difficulty:** 300

The Windows Server: New Features and Upgrade workshop provides students with a comprehensive introduction to the wide range of new and improved features in Windows Server 2019. Throughout all the modules, we will provide a broad understanding on new or updated features and roles in Windows Server 2019.

Key Features and Benefits

- New and improved features in Windows Server 2019
- Privileged Identity protections and secure virtualization
- Storage Replica for disaster recovery scenarios
- Hybrid Remote Desktop Services scenarios and session based deployments

◆ OUTCOMES ◆



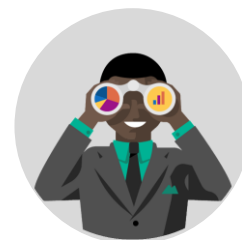
Skills

Gain a deeper understanding of the Windows release, focusing on functionalities.



Best Practices

Ensure readiness of the server management and deployment teams to release and maintain Windows Server.



Way Forward

Translate the learnings into your day to day business to adopt and react on the changes effectively.

◆ PREREQUISITES ◆

Participants that have existing experience performing Windows Server deployment, configuration and planning will receive the most value from this course.



Recommended Qualifications

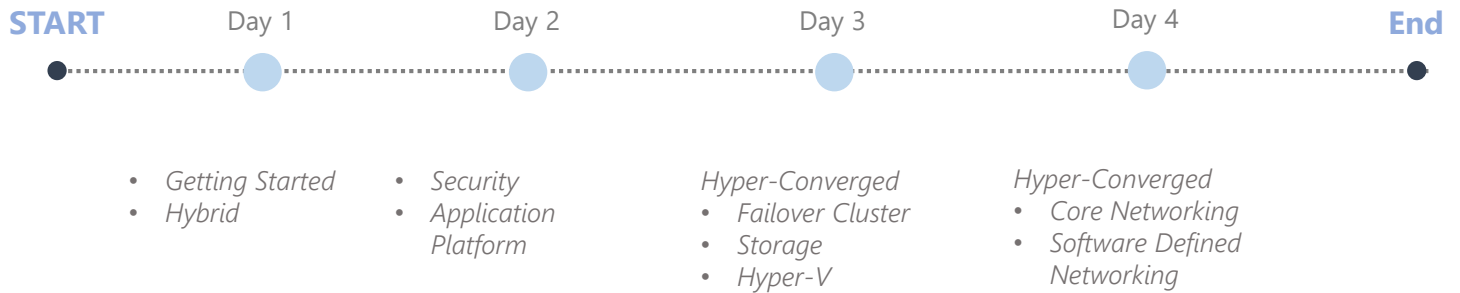
- Good Windows Server skills in the day to day business.



Hardware Requirements

- An Intel Core-i5-based PC
- 4 GB RAM
- 128 GB HDD
- Windows 7 SP1 or later
- Office 2013 Professional Plus
- Internet access with at least 1 Mbps bandwidth per student

Duration: 4 days



◆ SYLLABUS ◆

Getting Started

Overview of new and improved roles and features in Windows Server 2019.

- Overview Server 2019
- Server Management

Hybrid

Hybrid Resources available for Windows Server

- Identity
- Security Options
- Resources in Azure
- Migration Options

Security

Evaluate security protections in Windows Server.

- Protect the Operating System
- Securing Virtualization
- Protect Identity

Application Platform

Analyze new storage capabilities including Storage Spaces Direct, Storage Replica, and SMB hardening.

- Cross Platform
- New Features Web Server Role
- Containers

Hyper-converged

Identify the core improvements and advanced capabilities of the Software-Defined Datacenter with virtualization using Hyper-V.

- Failover Cluster
- Storage
- Hyper-V
- Hyper-V Failover Cluster
- Core Networking
- Software Defined Networking

NEXT STEPS: If you are interested in this WorkshopPLUS for your organization, contact your Microsoft Account Representative.