Workshop: Windows Server 2019

Duration: 2 Days   Course Code: WS19

Overview:

Learn about the new enhanced capabilities of the Windows 2019 starting from server virtualization, storage, software-defined networking, server management and automation, web and application platform, access to information protection, virtual desktop infrastructure, and many more.

Objectives:

- After Completing this course you should be able to:

- Understand the new features of Windows Server 2019

- Understand how the business or End users will benefit from the new features.

Prerequisites:

Attendees should have the following prerequisites:

- Good hands-on experience in administering Windows infrastructure

Testing and Certification

Recommended as preparation for the following exams:

There are no exams currently aligned to this course

Content:

Module 1: Windows Subsystem for Linux

- Architecture and Security
- WSL integration with Windows - file systems, networking, processes
- Empower your developers with Windows Subsystem for Linux
- Update Management

Module 2: Containers

- The concept of containers and microservices
- Speed up development process with containers
- Docker deployment
- Combat constantly changing IT infrastructure with Docker
- From development, through testing to production - Build modern agile development workflow
- Deep drive into Docker Engine:

- Images

- Dockerfile

- Networking

- Storage

- Resource Management

- Management through PowerShell

- Docker Swarm

Module 3: System Insights

- Configuration
- Integration with Admin Center
- Management with PowerShell

Module 4: Hidden gems

- LEDBAT
- RSC and d.VMMQ
- Changes to Windows Time
- Internal Platform Changes

Module 5: Windows Defender ATP

- Architecture
- Onboarding
- Deep dive into Exploit Guard
- Changes to Code Integrity aka Application Control
- SDN – Encrypted networks Module

Module 6: Shielded VMs enhancements

- Shielded VMs s concepts
- Fabric and Workload Administrator
- Attacks on your virtualization infrastructure
- Host Guardian Service Enhancements in Windows 2019
- Backup and restore operations
- Shielded VMs for Linux
- Put it on the next level with encrypted networks

Module 7: Windows Admin Center

- Architecture and requirements
- Manage Cloud and on-prem environment with WAC
- Integrate with Azure Backup and Azure Site Recovery

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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