

Installation, Storage, and Compute with Microsoft Windows Server 2016 (MS-20740)

Modality: On Demand

Duration: 18 Hours

This course is for professionals planning to enroll in the 70-740 Exam leading to the 70-740 Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request.

About this Course:

This course focuses on Windows Server Technology Operations, Network Optimization, and Empowering Web Services & Modern Applications. Through this course, professionals will learn the art of Windows Server 2016 Administration & Installation.

Course Objectives:

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- Describing Virtual Hard Disks, Dynamic and Basic Disks, and File Systems
- Explaining Partition Table Formats, Drive Hardware, and Many Other Storage Options
- Management of Disks and Volumes
- The Failover Cluster Planning, Development and Management
- Configuration, Management, and Deployment of Hyper-V Containers and Windows
- Planning, Implementation, & Configuration of Network Load Balancing (NLB) Clusters
- Planning and Management of Storage Spaces and Data Deduplication
- Management and Maintenance of Virtual Machine Installations
- Installation and Configuration of Microsoft Hyper-V
- Nano Server, Conduct Server Core, & Server Upgrades and Migration Strategies
- Windows Server 2016 High Availability and Disaster Recovery Technologies
- Execution of Failover Clusters for Hyper-V Machines
- Deployment Images Creation and Supervision
- Enterprise Storage Solution Evaluation

Audience:

- IT Professionals & Experts
- Professionals willing to learn about Windows Server 2016
- Candidates who want to gain knowledge of Computing and Storage Technologies
- Windows Server Administrators

Prerequisites:

Professionals planning to enroll in the Installation, Storage, and Compute with Microsoft Windows Server 2016 (MS-20740) course must comply with the following prerequisites:

- Windows Client Operating System Configuration & Management Experience
- Conceptual Knowledge of Active Directory Domain Services (AD DS)
- Basic Understanding of the Networking Systems
- Best Security Practices Awareness
- Server Hardware Generic Know-how
- Knowledge & Experience with Windows Server Operating System is recommended

Course Outline:

This course is comprised of the following 7 modules:

- Module 1: Using Object-Oriented Python
- Module 2: Creating a GUI
- Module 3: Using Databases
- Module 4: Network Programming
- Module 5: Managing Multiple Processes with Threading
- Module 6: Implementing Unit Testing
- Module 7: Packaging an Application for Distribution