

# Installation, Storage and Compute with Windows Server 2016 – MS20740C

5 Day Microsoft Official Course

## OVERVIEW

This 5 day hands-on course is intended for delegates who have some experience working with Windows Server and are looking to learn about storage and computer technologies in Windows Server 2016.

This course is divided into 12 modules, each having the support from several labs. Microsoft courseware can be downloaded onto personal devices to accompany this instruction.

### KEY FEATURES:

Installing, upgrading and migrating servers and workloads  
Configuring local storage  
Implementing enterprise storage solutions  
Implementing Storage Spaces and Data Deduplication  
Installing and configuring Hyper-V and virtual machines  
Deploying and managing Windows and Hyper-V containers  
Overview of high availability and disaster recovery  
Implementing failover clustering  
Implementing Network Load Balancing  
Creating and managing deployment images  
Managing, monitoring and maintaining virtual machine installations

This course provides the underpinning knowledge for Exam 70-740. This should be booked later, through at [www.pearsonvue.co.uk](http://www.pearsonvue.co.uk)

### Pre-requisites

Delegates will find it beneficial to have a basic understanding of networking fundamentals, an awareness of security best practices, and basic knowledge of server hardware.

## AUDIENCE

This course is designed for IT professionals who are relatively new to Windows Server administration or have some experience and wish to understand scenarios, requirements, storage and compute options available and applicable to Windows Server 2016.

## OBJECTIVES

**After completion of this course, delegates should be able to:**

- Prepare and install Nano Server and plan a server upgrade and migration strategy.
- Describe the various storage options, including partition table formats, basic and dynamic disks, file systems, virtual hard disks and drive hardware.
- Explain how to manage disks and volumes
- Describe enterprise storage solutions and select the appropriate solutions
- Implement and manage Storage Spaces and Data Deduplication.
- Install & Configure Microsoft Hyper-V and configure virtual machines
- Deploy, configure and manage Windows and Hyper-V containers.
- Describe the high availability and disaster recovery technologies in Windows Server 2016
- Plan, create and manage a failsafe cluster
- Implement failover clustering for Hyper-V virtual machines
- Configure a Network Load Balancing (NLB) cluster and plan for an NLB implementation.
- Create and manage deployment images
- Manage, monitor and maintain virtual machine installations

COURSE FEE: £2,195.00 per person (includes course manuals & refreshments)

To make a booking and for all enquiries:

**Tel: 888283 Email: [info@ibeducation.com](mailto:info@ibeducation.com) Website: [www.ibeducation.com](http://www.ibeducation.com)**