

Microsoft Windows Server 2016 Installation, Storage, and Compute (70-740)

This intermediate MCSA: Windows Server 2016 (70-740) training will guide you through essential skills for administering Windows Server 2016. Learn to install and configure Server 2016, manage Hyper-V and containers, implement high availability solutions, and configure Active Directory and DNS. This course is perfect for systems administrators looking to enhance their expertise and advance into higher-level IT roles.

[CBT Nuggets course material](#) →

WEEK 1

Implement Windows Containers

152 min.

Installing and Configuring a Windows Container Host	6
Configuring Docker Startup Options	5
Installing a Base Container Image	5
Creating Windows Server Containers	8
Creating Hyper-V Containers	4
Deploying Windows Containers Lab	3
Managing Windows Containers using Docker	8
Creating New Container Images using Dockerfile	5
Managing Container Networking	7
Managing Container Data Volumes	4
Managing Resource Control	3
Managing Container Images using DockerHub Repository	4
Managing Container Images using Microsoft Azure	4
Managing Windows Containers Lab	3

Manage and Monitor Servers using Windows Admin Center

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Installing Windows Admin Center on Windows 10	7
Installing Windows Admin Center on Windows Server	5
Configuring Windows Admin Center	4
Working with Windows Admin Center	7
Managing and Monitoring Servers using Windows Admin Center Lab	8

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Welcome to Windows Server 2016 and 70-740!	1

Microsoft Windows Server 2016: Installation, Storage, and Compute (70-740): Install Windows Servers in Host and Compute Environments

Plan for Windows Server 2016	1
Install and Configure Windows Server 2016	6
Install and Configure Windows Server Core	6
Manage Windows Server Core	6
Implement PowerShell Desired State Configuration (DSC)	6
Windows Server 2016 Activation	17

WEEK 2

152 min.

Upgrade and Migrate to Windows Server 2016	6
Plan for Virtualization	6
Manage and Maintain Images	6

Microsoft Windows Server 2016: Installation, Storage, and Compute (70-740): Implement Storage Solutions

Configure Disks	20
Configure Virtual Disks	6
Configure Shares	6
Configure Permissions	6
Configure and Manage Storage Pools	6
Advanced Storage Features	5

Configure Storage Replica	6
Implement Data Deduplication	6

Microsoft Windows Server 2016: Installation, Storage, and Compute (70-740): Implement Hyper-V

Install Hyper-V	22
Configure and Manage Hyper-V	26
Create Virtual Machines	25

WEEK 3

159 min.

Configure Virtual Machines	24
Manage Virtual Machines	23
Create and Configure Hyper-V Storage	26
Manage Hyper-V Storage	26
Configure Hyper-V Networking	23
Optimize Hyper-V Networking	18

Microsoft Windows Server 2016: Installation, Storage, and Compute (70-740): Implement High Availability

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165 min.

Implement Hyper-V Migration	24
Introduction to Failover Clustering	16
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106 min.

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Implement Storage Spaces Direct	28
Implement Network Load Balancing	22

Microsoft Windows Server 2016: Installation, Storage, and Compute (70-740): Maintenance and Conclusion

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Good Luck!	1