



## INSTALLATION, STORAGE, AND COMPUTE WITH WINDOWS SERVER 2016



### COURSE OVERVIEW

This course is designed for professionals who will be responsible for managing storage and compute by using Windows Server 2016, and who need to understand the scenarios, requirements, and storage and compute options that are available and applicable to Windows Server 2016.

### PREREQUISITE

- Basic understanding of networking
- Understanding of basic AD DS concepts
- Basic knowledge of server hardware

### WHAT YOU'LL LEARN

- Prepare and install server and plan a server upgrade and migration strategy
- Various storage options
- Enterprise storage solutions
- Storage Spaces and Data Deduplication
- Microsoft Hyper-V
- High availability and disaster recovery technologies in Windows Server 2016
- Failover cluster
- Create and manage deployment images
- Manage, monitor, and maintain virtual machine installations

### CONTACT US

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### COURSE DETAILS

#### Module 1: Install Windows Servers in Host and Compute Environments

- Install, upgrade, and migrate servers and workloads
- Create, manage, and maintain images for deployment

#### Module 2: Implement Storage Solutions

- Configure disks and volumes
- Implement server storage
- Implement data deduplication

#### Module 3: Implement Hyper-V

- Install and configure Hyper-V
- Configure the virtual machine (VM) settings
- Configure Hyper-V storage
- Configure Hyper-V networking

#### Module 4: Implement Windows Containers

- Deploy Windows containers
- Manage Windows containers

#### Module 5: Implement High Availability

- Implement high availability and disaster recovery options in Hyper-V
- Implement failover clustering
- Implement Storage Spaces Direct
- Manage failover clustering
- Manage VM movement in clustered nodes
- Implement Network Load Balancing (NLB)

#### Module 6: Maintain and Monitor Server Environments

- Maintain server installations
- Monitor server installations