Windows Server 2016: Advanced Storage

Modality: On Demand

Duration: 16 Hours

About this course:

This course will teach you on the matter of storage solutions which you can easily enforce in your enterprise.

Taking this course will be beneficial and helpful for you in:

- Improving your capabilities in enforcing a storage infrastructure
- Making career decision that whether IT is for you or not
- Preparing for a primary-level job in Windows Server administration
- Studying for Microsoft certification tests and badges

The course will be delivered by hands-on practical exercises, demonstrations, and assessments.

On average, a Windows Server Administrator earns $55,929 per annum.

Learning objectives:

The course has the following objectives:

- Enforcing iSCSI storage, Data Deduplication, and Storage Spaces
- Making use of Distributed File System, and BranchCache
- Enforcing fundamental and advanced failover clustering workloads

Audience:

The course has been designed for Windows Server administrators.

Requirements:

It is important that the students taking this course have a general overview of storage technologies. Additionally, Windows PowerShell will be the preferred tool when enforcing features during this course.

Suggested pre-taken courses:

- Automating Administration with Windows PowerShell - MOC On Demand (MS-10961)

Course Outline:

1 | Storage Solutions

- iSCSI Storage
- Data Deduplication
- Storage Spaces
- Module 1 Review Questions

2 | Failover Clustering (Basics)

- Planning and Requirements
- Configuring Failover Clustering
- Managing Failover Clustering
- Module 2 Review Questions

3 | Failover Clustering (Management)

- Quorum and Witness
- Cluster-Aware Updating
- Cluster OS Rolling Update
- Module 3 Review Questions

4 | Branch Office Storage

- Distributed File Systems (DFS)
- BranchCache
- Module 4 Review Questions

Course Completion (Graded Events)

- Final Exam
- Lab 1 | iSCSI Storage and Failover Clustering
- Lab 2 | Storage Spaces and Deduplication
- Lab 3 | Distributed File System?