BLUEMARK ACADEMY

Installation, Storage, and Compute with Windows Server 2016

Duration: 5 Days · **Training format:** Virtual Classroom / Online

Description

This five-day course is designed primarily for IT professionals who have some experience with Windows Server and who will be responsible for managing storage and compute by using Windows Server 2016. Students will learn the scenarios, requirements, and storage and compute options that are available and applicable to Windows Server 2016.

Delegates will learn how to

- prepare and install Nano Server, a Server Core installation, 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, and explain how to manage disks and volumes.
- describe enterprise storage solutions, and select the appropriate solution for a given situation.
- implement and manage Storage Spaces and Data Deduplication.
- install and configure Microsoft Hyper-V.
- 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 failover 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.

Outline

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 Server and Hyper-V containers

Overview of high availability and disaster recovery

Implementing and managing failover clustering

Implementing failover clustering for Hyper-V virtual machines

Implementing Network Load Balancing

Creating and managing deployment images

Managing, monitoring, and maintaining virtual machine installations

Prerequisites

A basic knowledge of Windows Server 2012.