Course Overview

Microsoft Windows Server 2008 R2 Hyper-V is a hot technology that is being used in many enterprises to lower costs. You can consolidate multiple servers to a single platform. These machines will take less space in your datacenter, reduce cabling requirements, energy consumption, and cooling. This also allows for increased deployment flexibility and configuration options. Hyper-V can be a complex topic, fraught with pitfalls. In this Hyper-V online training course we will explain each section, with tons of demonstrations. We cover the various virtualization options, features, architecture, and requirements. You will deep dive into configuring virtual networks, virtual hard disks and virtual machines. We will show you specific configuration options and we will discuss the how’s and why’s of each selection.

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Course Outline

Part 1: Virtualization

- Types of Virtualization
- Hypervisor Concepts
- Planning and Installing Hyper-V in Windows Server 2008 R2
- Configuring Hyper-V Server General Settings
- Virtual Hard Disk Types
- Creating Virtual Hard Disks
- Configuring and Attaching Virtual Hard Disks
- Understanding Hyper-V Virtual Networks
- Creating Virtual Networks

Part 2: Networking and Storage

- Creating Virtual Machines
- Understanding Virtual Machine Integration Features
- Configuring Virtual Machines
- Creating and Managing Snapshots
- Accessing Virtual Machines

Skills Learned

Once you have completed the Server 2008 R2 Hyper-V training online training course, you will be able to make informed decisions to customize the environment to suit your enterprise virtualization needs. Understand appropriate command-line, PowerShell and applicable management shell commands.

Who Should Attend

Those interested in understanding how to use Server 2008 R2 Hyper-V.

Prerequisites

A basic understand of the concept of virtualization.