

Veritas Storage Foundation 5.1 *for Windows*

COURSE DESCRIPTION

The Symantec Veritas Storage Foundation 5.1 *for Windows* course is designed for the Windows professional tasked with managing storage. This class covers fundamental operational management procedures for Veritas Storage Foundation for Windows. This training shows you how to install and configure Storage Foundation and how to manage disks, disk groups, and volumes. This course also covers offline and off-host processing and introduces basic troubleshooting, performance tuning, and recovery techniques.

Delivery Method

Instructor-led

Duration

Two days

Course Objectives

By the end of this course, you will be able to:

- Create and manage virtual volumes and volume snapshots.
- Perform disk group move, split, and join operations.
- Implement off-host processing techniques.
- Resize volumes, change volume layouts, and manage volume tasks.
- Perform basic recovery operations.

Who Should Attend

This course is for Windows system administrators, system engineers, network administrators, system integration or development staff, and technical support personnel who will be working with Veritas Storage Foundation.

Prerequisites

You must have experience as a system and network administrator working in a Windows environment.

Hands-On

This course includes practical exercises that enable you to test your new skills and begin to transfer them into your working environment.

COURSE OUTLINE

PART 1: Veritas Storage Foundation 5.1 – Install and Configure

Virtual Objects

- Physical and Virtual Data Storage
- SFW Storage Objects
- SFW RAID Levels and Volume Layouts

Installing and Accessing SFW Interfaces

- Installation Prerequisites
- Adding License Keys
- SFW Software Packages
- Installing SFW
- SFW User Interfaces

Working with Disk Groups and Volumes

- Preparing Disks and Disk Groups for Volume Creation
- Creating a Volume
- Adding a File System to an Existing Volume
- Displaying Disk and Disk Group Information
- Displaying Volume Configuration Information
- Removing Volumes, Disks, and Disk Groups

Working with Volumes with Different Layouts

- Comparing Volume Layouts
- Creating Volumes with Various Layouts
- Creating a Partition and Logical Drive

PART 2: Veritas Storage Foundation 5.1 – Manage and Administer

Making Configuration Changes

- Administering Mirrored Volumes
- Resizing a Volume
- Changing a Drive Letter or Path
- Moving Data Between Systems
- Upgrading a Dynamic Disk Group

Implementing Offline and Off-Host Processing

- Offline and Off-Host Processing Tasks
- Creating a Volume Snapshot
- Performing Dynamic Disk Group Split and Join
- Enabling FastResync
- Implementing Off-Host Processing

Using Recovery Features

- Monitoring Objects and Events
- Maintaining Data Consistency
- Configuration Backup and Restore
- Managing Hot Relocation at the Host level
- Troubleshooting Disk Replacement and Recovered Volumes

Managing Performance

- Monitoring I/O
- Setting Capacity Monitoring Parameters
- Changing the Volume Layout
- Setting Caching for Volumes
- Using SmartMove
- Manipulating Subdisks and Disks

Administering DMP

- Overview of Dynamic Multipathing
- Managing Arrays, Individual Disks, and Paths
- Specifying Load Balancing Settings
- Specifying Control Timer Settings for an Array