



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Veritas InfoScale Storage 7.3.1 for Windows: Administration

CODE:	LENGTH:	PRICE:
VER_ISS-7.3.1 A-W	16 Hours (2 days)	Request Price

## Description

The Veritas InfoScale Storage 7.3.1 for Windows: Administration course is designed for IT professionals tasked with installing, configuring, and maintaining Veritas InfoScale Storage. This training provides fundamental concepts and operational procedures for Veritas InfoScale Storage for Windows. The course enables you to gain the necessary skills that are required to manage a disparate range of storage. It also enables you to deploy and configure InfoScale Storage in your environment and to explore InfoScale Storage as a robust and scalable storage management solution.

## Objectives

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

- Install InfoScale Enterprise (Availability and Storage).
- Identify the virtual objects that are created by InfoScale Storage to manage data storage.
- Define InfoScale Storage RAID levels and identify virtual storage layout types used by InfoScale Storage.
- Initialize an operating system disk as an InfoScale Storage disk and create disks and disk groups.
- Identify the features, advantages, and disadvantages of volume layouts supported by InfoScale Storage.
- Create concatenated, striped, and mirrored volumes by using the VEA and the command-line interfaces.
- Create partitions and logical drives.
- Add a mirror to and remove a mirror from an existing volume, add a log, and change the volume read policy.
- Deport a disk group from one system and import it on another system.
- Describe common offline and off-host processing tasks.
- Duplicate the contents of volumes by using volume snapshots.
- Manage the performance of off-host processing tasks by enabling FastResync and Fast File Resync.
- Implement off-host processing by combining FastResync, snapshots, and disk group split and join functionality.
- Describe mirror resynchronization processes.
- Manage the configuration backup and restore process.
- Manage the hot relocation process at the host level.
- Manage arrays and individual disks and configure paths to disks in a DMP configuration.
- Configure load balancing settings.
- Describe the SmartIO feature in InfoScale Storage and for caching on SSDs.

## Audience

This course is for system administrators, system engineers, technical support personnel, network/SAN administrators, and systems integration/development staff, who will be installing, operating, managing, and working with InfoScale Storage.

## Prerequisites

Knowledge of and hands-on experience with Microsoft Windows operating system administration is required. Working knowledge of networking is also required.

## Programme

Installing InfoScale Storage	
Storage management and storage virtualization	
Introducing the Veritas InfoScale product suite	
Course Introduction	Introducing the Veritas InfoScale Storage for Windows
About this course	Installing InfoScale products
Labs:	
Exercise A: Performing a SORT Pre-Installation Verification Check	
Exercise B: Installing InfoScale Storage Using the Veritas Product Installer (VPI)	
Virtual Objects	
Physical and virtual data storage	
InfoScale Storage objects	
InfoScale Storage RAID levels and volume layouts	
Labs:	
Exercise A: Creating Volumes in Windows Disk Management	Working with Disk Groups and Volumes
Exercise B: Determining Disk Management Volume Properties	Preparing disks and disk groups for volume creation
Exercise C: Determining Maximum Volume Size	Creating a volume
Labs:	
Exercise A: Creating a New Dynamic Disk Group: VEA	Displaying disk, disk group, and volume information
Exercise B: Managing Disks: CLI	Removing volumes, disks, and disk groups
Exercise C: Creating a New Dynamic Volume: VEA	
Exercise D: Evacuating a Volume: VEA	
Exercise E: Deleting a Dynamic Volume: VEA	
Exercise F: Deleting a Disk Group: VEA	
Exercise G: Creating a New Dynamic Disk Group: CLI	
Exercise H: Creating a New Dynamic Volume: CLI	Working with Volumes with Different Layouts
Exercise I: Shredding a Dynamic Volume	Comparing volume layouts
Exercise J: Deleting a Volume: CLI	Creating volumes with various layouts
Exercise K: Deleting a Disk Group: CLI	Creating a partition and a logical drive
Labs:	
Exercise A: Create Partitions and Logical Drives.	Making Configuration Changes
Exercise B: Upgrading Basic Volumes to Dynamic Volumes.	Administering mirrored volumes
Exercise C: Creating Volumes: VEA	Resizing a volume
Exercise D: Creating Volumes: CLI	Changing a drive letter or path
Labs:	
Exercise A: Changing Drive Letters and Expanding Volumes	Moving data between systems
Exercise B: Performing Mirror Operations: VEA	Upgrading a dynamic disk group
Exercise C: Performing Mirror Operations: CLI	
Exercise D: Performing Log Operations	
Exercise E: Changing a Volume's Read Policy	
Exercise F: Upgrading the Disk Group Version: VEA	
Exercise G: Switching a Disk Group Between Systems: VEA	Implementing Offline and Off-Host Processing
Exercise H: Switching and Renaming a Disk Group Between Systems: CLI	Offline and off-host processing tasks
Labs:	
Exercise A: Verifying Your Setup	Creating a volume snapshot
Exercise B: Performing Volume Snapshot Operations: VEA	Performing dynamic disk group split and join
Exercise C: Performing Volume Snapshot Operations: CLI	Enabling fast resynchronization
Exercise D: Performing Disk Group Split and Join Operations: VEA	Implementing off-host processing
Exercise E: Performing Disk Group Split and Join Operations: CLI	Using Recovery Features
Labs:	
Exercise A: Removing Previously Created Volumes	Monitoring objects and events
Exercise B: Simulating a Disk Failure	Maintaining data consistency
Exercise C: Recovering Disks and Volumes	Configuration backup and restore
Exercise D: Failing a RAID 0+1 Volume	Managing hot relocation at the host level
Exercise E: Configuring Backup and Restore	Troubleshooting disk replacement and recovered volumes
Labs:	
Exercise A: Removing Previously Created Volumes	Administering DMP
Exercise B: Enabling Multipathing Support	Overview of dynamic multipathing
Exercise C: Configuring Weighted Paths	Managing arrays, individual disks, and paths
Exercise D: Administering Multipathing for an Active/Passive Array and Disk	Displaying performance information
Labs:	
Exercise A: Configuring VxVM Caching	Specifying load balancing settings
Exercise B: Enabling SmartIO for a Data Volume	Specifying control timer settings for an array
Exercise C: Viewing Cache Area Properties	
Exercise D: Monitoring Caching Statistics	
Exercise E: Disabling SmartIO for a Data Volume	
Exercise F: Deleting a Cache Area	
	Administering SmartIO
	SmartIO in InfoScale Storage
	Support for caching on Solid State Drives (SSDs)

## Session Dates

Ved forespørsel. Vennligst [kontakt oss](#)

## Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.