



**Enterprise Computing Solutions - Education Services**

## **TRAINING OFFERING**

---

**Du kan nå oss her**

Postboks 6562 ETTERSTAD, 0606 Oslo, Norge

Email: [kurs.ecs.no@arrow.com](mailto:kurs.ecs.no@arrow.com)

Phone: +47 22 02 81 00



# Veritas InfoScale Storage 7.3.1 for Windows: Administration

**CODE:**

VER\_ISS-7.3.1 A-W

**LENGTH:**

16 Hours (2 days)

**PRICE:**

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		
	Working with Disk Groups and Volumes	
Labs:	Preparing disks and disk groups for volume creation	
Exercise A:	Creating Volumes in Windows Disk Management	Creating a volume
Exercise B:	Determining Disk Management Volume Properties	Displaying disk, disk group, and volume information
Exercise C:	Determining Maximum Volume Size	Removing volumes, disks, and disk groups
Labs:		
Exercise A:	Creating a New Dynamic Disk Group: VEA	
Exercise B:	Managing Disks: CLI	
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
	Making Configuration Changes	
Labs:	Administering mirrored volumes	
Exercise A:	Create Partitions and Logical Drives.	Resizing a volume
Exercise B:	Upgrading Basic Volumes to Dynamic Volumes.	Changing a drive letter or path
Exercise C:	Creating Volumes: VEA	Moving data between systems
Exercise D:	Creating Volumes: CLI	Upgrading a dynamic disk group
Labs:		
Exercise A:	Changing Drive Letters and Expanding Volumes	
Exercise B:	Performing Mirror Operations: VEA	
Exercise C:	Performing Mirror Operations: CLI	Implementing Offline and Off-Host Processing
Exercise D:	Performing Log Operations	Offline and off-host processing tasks
Exercise E:	Changing a Volume's Read Policy	Creating a volume snapshot
Exercise F:	Upgrading the Disk Group Version: VEA	Performing dynamic disk group split and join
Exercise G:	Switching a Disk Group Between Systems: VEA	Enabling fast resynchronization
Exercise H:	Switching and Renaming a Disk Group Between Systems: CLI	Implementing off-host processing
Labs:		
Exercise A:	Verifying Your Setup	Using Recovery Features
Exercise B:	Performing Volume Snapshot Operations: VEA	Monitoring objects and events
Exercise C:	Performing Volume Snapshot Operations: CLI	Maintaining data consistency
Exercise D:	Performing Disk Group Split and Join Operations: VEA	Configuration backup and restore
Exercise E:	Performing Disk Group Split and Join Operations: CLI	Managing hot relocation at the host level
		Troubleshooting disk replacement and recovered volumes
Labs:	Administering DMP	
Exercise A:	Removing Previously Created Volumes	Overview of dynamic multipathing
Exercise B:	Simulating a Disk Failure	Managing arrays, individual disks, and paths
Exercise C:	Recovering Disks and Volumes	Displaying performance information
Exercise D:	Failing a RAID 0+1 Volume	Specifying load balancing settings
Exercise E:	Configuring Backup and Restore	Specifying control timer settings for an array
Labs:		
Exercise A:	Removing Previously Created Volumes	
Exercise B:	Enabling Multipathing Support	Administering SmartIO
Exercise C:	Configuring Weighted Paths	SmartIO in InfoScale Storage
Exercise D:	Administering Multipathing for an Active/Passive Array and Disk	Support for caching on Solid State Drives (SSDs)
Labs:		
Exercise A:	Configuring VxVM Caching	
Exercise B:	Enabling SmartIO for a Data Volume	
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	

## Session Dates

Ved forespørsel. Vennligst [kontakt oss](#)

## Tilleggsinformasjon

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