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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

Working with Disk Groups and Volumes
Preparing disks and disk groups for volume creation
Labs:
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: Using Recovery Features
Exercise A: Verifying Your Setup   Monitoring objects and events
Exercise B: Performing Volume Snapshot Operations: VEA   Maintaining data consistency
Exercise C: Performing Volume Snapshot Operations: CLI   Configuration backup and restore
Exercise D: Performing Disk Group Split and Join Operations: VEA   Managing hot relocation at the host level
Exercise E: Performing Disk Group Split and Join Operations: CLI   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 <u>kontakt oss</u>

Tilleggsinformasjon

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