



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Veritas InfoScale Storage 7.3 for UNIX/Linux: Administration

CODE:	LENGTH:	PRICE:
VER_ISS-7.3 A-U	40 Hours (5 days)	£2,800.00

Description

The Veritas InfoScale Storage 7.0 for Linux: Administration course is designed for the IT professional tasked with installing, configuring, and maintaining the Veritas InfoScale Storage environments, including Volume Manager (VxVM), File System (VxFS), and Cluster File System (CFS).

This five day, instructor-led, hands-on class covers how to use InfoScale Storage to manage disks, disk groups, and volumes by using a variety of InfoScale Storage user interfaces including the Veritas InfoScale Operations Manager (VIOM) Web console. You learn the basics of online file system administration and recovery from disk failures. In addition, you learn about data replication using Veritas File Replicator and Veritas Volume Replicator. You also learn how to configure Veritas Cluster Volume Manager and Veritas Cluster File System

Objectives

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

- Create, configure, and manage disks, disk groups, and volumes.

- Administer file systems.
- Manage components in the VxVM architecture.
- Manage multiple paths to disk devices.
- Identify types of disk failures and how to resolve them.
- Describe concepts and components specific to Veritas Replicator, and Veritas File Replicator.
- Configure a CFS cluster according to a specified sample design.
- Configure shared disk groups and volumes.
- Configure shared file systems.
- Share local disks among systems in a cluster

Audience

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

Prerequisites

Knowledge of and hands-on experience with Linux systems administration.

Programme

Virtual Objects

- Operating system storage devices and virtual data storage
- Volume Manager storage objects

Storage Foundation Basics · VxVM volume layouts and RAID levels

Creating a Volume and File System

- Preparing disks and disk groups for volume creation
 - Creating a volume and adding a file system
 - Displaying disk and disk group information
 - Displaying volume configuration information
 - Removing volumes, disks, and disk groups
- Working with Volumes with Different Layouts
 - Volume layouts
 - Creating volumes with various layouts
 - Allocating storage for volumes

Making Configuration Changes		Administering File Systems
· Administering mirrored volumes	· Benefits of using Veritas File System	
· Resizing a volume and a file system	· Using Veritas File System commands	
· Moving data between systems	· Logging in VxFS	
· Renaming VxVM objects	· Controlling file system fragmentation	
	· Using thin provisioning disk arrays	Storage Foundation Managing Devices
Dynamic Multi-Pathing		Dynamic Multi-Pathing for VMware
· Managing components in the VxVM architecture	· DMP in a VMware ESX/ESXi environment	
· Discovering disk devices	· Managing DMP for VMware	
· Managing multiple paths to disk devices	· Performance monitoring and tuning	
Resolving Hardware Problems		
· How does VxVM interpret failures in hardware?		Cluster File System Architecture
· Recovering disabled disk groups		· CFS overview
· Resolving disk failures		· CFS architecture
· Managing hot relocation at the host level	Storage Foundation Cluster File System	· CFS communication
	Cluster File System	
Cluster Volume Manager	· Cluster File System concepts	
· VxVM and CVM overview	· Data flow in CFS	Flexible Storage Sharing
· CVM concepts	· Group Lock Manager	· Understanding Flexible Storage Sharing
· CVM configuration	· Administering CFS	· FSS storage objects

Session Dates

On request. Please [Contact Us](#)

Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)