TRAINING OFFERING

You can reach us at:

Arrow ECS B.V., Kromme Schaft 5, 3991 AR Houten, The Netherlands

Email: education.ecs.nl@arrow.com
Phone: +31 20 582 6109

Veritas InfoScale Storage 7.3 for UNIX/Linux: Administration

CODE:	LENGTH:	PRICE:
VER_ISU_A	40 Hours (5 days)	€3,250.00

Description

The Veritas InfoScale Storage 7.3 for UNIX/Linux: Administration course is designed for the IT professional tasked with installing, configuring, and maintaining Veritas InfoScale Storage environments, including Volume Manager (VxVM), File System (VxFS), and Cluster File System (CFS).

This 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

Administering File Systems
· Benefits of using Veritas File System

Making Configuration Changes
· Administering mirrored volumes · Using Veritas File System commands
· Resizing a volume and a file system· Logging in VxFS
· Moving data between systems · Controlling file system fragmentation
· Renaming VxVM objects · Using thin provisioning disk arrays **Storage Foundation Managing Devices**

Dynamic Multi-Pathing
· Managing components in the VxVM architecture

Dynamic Multi-Pathing for VMware
· 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.