



Enterprise Computing Solutions - Education Services

## OFERTA FORMATIVA

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# Veritas High Availability Fundamentals with Storage Foundation 6.x and Cluster Server 6.x for UNIX

<b>CÓDIGO:</b>	<b>DURACIÓN:</b>	<b>Precio:</b>
VER_HA6	5 días	A consultar

## Description

The Veritas High Availability Fundamentals course is designed for the IT professional who wants an overview of the Veritas Storage Foundation and Veritas Cluster Server products. This five-day class is a condensed version of the four-day Veritas Storage Foundation 6.x for UNIX: Administration Fundamentals course and the five-day Veritas Cluster Server 6.x for UNIX: Administration Fundamentals course. It covers a subset of the topics in those two courses.

## Objetivos

- Install and configure Veritas Storage Foundation High Availability.
- Configure and manage disks, disk groups, and volumes.
- Administer file systems.
- Create a VCS cluster.
- Configure service groups and resources.
- Implement and verify failover and failback capability for application, storage, and network services.

## Público

This course is for UNIX system administrators, system engineers, technical support personnel, network/SAN administrators, and systems integration/development staff who want an overview of the Veritas Storage Foundation and Veritas Cluster Server products.

## Requisitos Previos

Knowledge of UNIX system administration is required

## Programa

### **PART 1: Veritas Storage Foundation 6.x for UNIX: Administration Fundamentals**

- Operating system storage devices and virtual data storage
- Volume Manager storage objects
- VxVM volume layouts and RAID levels
- Installing Storage Foundation and Accessing SF Interfaces**
- Preparing to install Storage Foundation
- Installing Storage Foundation
- Storage Foundation resources
- Storage Foundation user interfaces
- 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 mirrored volumes
- Resizing a volume and a file system
- Moving data between systems
- Renaming VxVM objects
- Administering File Systems**
- Benefits of using Veritas File System
- Using Veritas File System commands
- Logging in VxFS
- Controlling file system fragmentation
- Using thin provisioning disk arrays
- Managing Devices within the VxVM Architecture**
- Managing components in the VxVM architecture
- Discovering disk devices
- Managing multiple paths to disk devices

### **PART 2: Veritas Cluster Server 6.x for UNIX: Administration Fundamentals**

- High Availability Concepts**
- High availability concepts
- Clustering concepts
- HA application services
- Clustering prerequisites
- High availability references
- VCS Building Blocks**
- VCS terminology
- Cluster communication
- VCS architecture
- Preparing a Site for VCS**
- Hardware and software requirements
- Hardware and software recommendations
- Preparing installation information
- Installing VCS**
- Using the Common Product Installer
- VCS configuration files
- Cluster management tools
- VCS Operations**
- Common VCS tools and operations
- Service group operations
- Resource operations
- VCS Configuration Methods**
- Starting and stopping VCS
- Overview of configuration methods
- Online configuration
- Controlling access to VCS
- Preparing Services for VCS**
- Preparing applications for VCS
- Performing one-time configuration tasks
- Testing the application service
- Stopping and migrating an application service
- Collecting configuration information
- Online Configuration**
- Online service group configuration
- Adding resources
- Solving common configuration errors
- Testing the service group
- Offline Configuration**
- Offline configuration examples
- Offline configuration procedures

- Solving offline configuration problems• Testing the service group
- Configuring Notification**• Notification overview
- Configuring notification• Overview of triggers
- Handling Resource Faults**• VCS response to resource faults
- Determining failover duration• Controlling fault behavior• Recovering from resource faults• Fault notification and event handling
- Intelligent Monitoring Framework**• IMF overview• IMF configuration
- Cluster Communications**• VCS communications review
- Cluster interconnect configuration• Joining the cluster membership• System and cluster interconnect failures
- Changing the interconnect configuration
- Protecting Data Using SCSI 3-Based Fencing**• Data protection requirements
- I/O fencing concepts• I/O fencing operations• I/O fencing implementation• Configuring I/O fencing

## **Fechas Programadas**

A petición. Gracias por [contactarnos](#).

## **Información Adicional**

[Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.](#)