TRAINING OFFERING

Du kan nå oss här

Kronborgsgränd 7, 164 46 Kista

Email: edu.ecs.se@arrow.com
Phone: +46 8 555 188 00

VERITAS   InfoScale Availability 7.0 for UNIX: Administration

CODE:	LENGTH:	PRICE:
VER_ISA7.0U	40 Hours (5 days)	kr33,000.00

Description

The Veritas InfoScale Availability 7.0 for UNIX: Administration course is designed for the IT professional tasked with installing, configuring, and maintaining Veritas Cluster Server (VCS) clusters. This five day, instructor-led, hands-on class covers how to use InfoScale Availability to manage applications in a high availability environment. After gaining the fundamental skills that are needed to manage a highly available application in a cluster, you can deploy InfoScale Availability in a lab environment to implement a sample cluster design.

Objectives

By the completion of this course, you will be able to:
· Describe how clustering is used to implement high availability in the data center environment.
· Describe VCS and cluster communication mechanisms.
· Create a cluster, and configure service groups and resources.
· Implement and verify failover and failback capability for application, storage, and network services.
· Configure and optimize cluster behavior.
· Protect data in a shared storage environment.
· Describe I/O fencing operations, and its implementation.
· Configure VCS to manage an Oracle database and other applications.
· Configure a global cluster environment, including remote clusters, global heartbeats, and global service groups.
· Configure notification and failover behavior in a global cluster.

Audience

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

Prerequisites

Knowledge of and hands-on experience with UNIX systems administration; and recommended online training:
· Veritas InfoScale 7.0 for UNIX: Installation

Programme

	High Availability Concepts		
	· High availability concepts	VCS Building Blocks	VCS Operations
	· Clustering concepts	· VCS terminology	· Common VCS tools and operations
	· High availability applications	· Cluster communication	· Service group operations
Cluster Server Basics	· Clustering prerequisites	· VCS architecture	· Resource operations
	Preparing Services for VCS		
VCS Configuration Methods	· Preparing applications for VCS	Online Configuration	
· Starting and stopping VCS	· Performing one-time configuration tasks	· Online service group configuration	
· Overview of configuration methods	· Testing the application service	· Adding resources	
· Online configuration	· Stopping and migrating a service	· Solving common configuration errors	
· Controlling access to VCS	· Collecting configuration information	· Testing the service group	

Handling Resource Faults
· VCS response to resource faults
· Determining failover duration
· Controlling fault behavior
· Recovering from resource faults
· Fault notification and event handling

Offline Configuration
· Offline configuration examples
· Offline configuration procedures
· Solving offline configuration errors
· Testing the service group

Configuring Notification
· Notification overview
· Configuring notification
· Overview of triggers   **Cluster Server Additions**

Cluster Communications
· VCS communications review
· Cluster interconnect configuration
· Cluster startup
· System and cluster interconnect failures
· Changing the interconnect configuration**Cluster Server Applications**

Intelligent Monitoring Framework
· IMF overview
· IMF configuration
· Faults and failover with intelligent monitoring

Using I/O Fencing for Application Data Integrity
· Data protection requirements
· I/O fencing concepts
· I/O fencing operations
· I/O fencing implementation
· Fencing configuration

Clustering Applications
· Application service overview
· VCS agents for managing applications
· The Application agent
· IMF support and prevention of concurrency violation

Clustering Databases
· VCS database agents
· Database preparation
· The database agent for Oracle
· Database failover behavior
· Additional Oracle agent functions**Global Clustering**

Global Cluster Architecture and Concepts
· Global cluster architecture
· Global cluster components
· VCS features for global cluster management
· Intercluster communication failure

Configuring a Global Cluster
· Linking clusters
· Configuring global cluster heartbeats
· Configuring a global service group
· Managing dynamic IP address updates

Managing a Global Cluster
· Managing clusters in a global cluster environment
· Managing global cluster heartbeats
· Managing global service groups
· Using VIOM for disaster recovery

Notification and Failover Behavior in a Global Cluster · Notification in a global cluster
· Failover behavior of a global service group
· Cluster state transitions
· Simulating global clusters using the VCS Simulator

Options

Special agreements and discounts do not apply to this course.

Session Dates

På begäran, <u>kontakta oss</u>

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.