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Kronborgsgränd 7, 164 46 Kista

Email: edu.ecs.se@arrow.com

Phone: +46 8 555 188 00



InfoScale Availability 7.0 for UNIX: Administration

CODE:	LENGTH:	PRICE:
VER_ISA7.0U	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	

- Offline Configuration
 - Offline configuration examples
 - Offline configuration procedures
 - Solving offline configuration errors
 - Testing the service group
- 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 Databases
 - VCS database agents
 - Database preparation
 - The database agent for Oracle
 - Database failover behavior
 - Additional Oracle agent functions
- Configuring a Global Cluster
 - Linking clusters
 - Configuring global cluster heartbeats
 - Configuring a global service group
 - Managing dynamic IP address updates
- Notification and Failover Behavior in a Global Cluster
 - Failover behavior of a global service group
 - Cluster state transitions
 - Simulating global clusters using the VCS Simulator
- 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
 - Clustering Applications
 - Application service overview
 - VCS agents for managing applications
 - The Application agent
 - IMF support and prevention of concurrency violation
- Handling Resource Faults
 - VCS response to resource faults
 - Determining failover duration
 - Controlling fault behavior
 - Recovering from resource faults
 - Fault notification and event handling
- Global Cluster Architecture and Concepts
 - Global cluster architecture
 - Global cluster components
 - VCS features for global cluster management
- Global Clustering
 - Intercluster communication failure
- 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 in a global cluster

Options

Special agreements and discounts do not apply to this course.

Session Dates

På begäran, [kontakta oss](#)

Ytterligare information

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)