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Veritas InfoScale Availabbility 7.0 for Unix: Administration

CODE:	LENGTH:	PRICE:
VER_IAU_A	40 Hours (5 days)	kr40,000.00

Description

The Veritas InfoScale Availability 7.0 for Linux: 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 Linux 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 Linux systems administration

Programme

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

Online service group configuration
Offline configuration examples
Adding resources
Offline configuration procedures
Notification overview
Solving common configuration errors
Solving offline configuration problems
Configuring notification
Testing the service group
Testing the service group
Overview of triggers
Offline Configuration
Configuring Notification
Cluster Server Additions Handling Resource Faults
VCS response to resource faults
Determining failover duration
VCS communications review
Controlling fault behavior
IMF overview
Cluster interconnect configuration
Recovering from resource faults
IMF configuration
Joining the cluster membership
Fault notification and event handling
Faults and failover with intelligent monitoring
Changing the interconnect configuration
Intelligent Monitoring Framework
Cluster Communications
Cluster Server Applications
Data protection requirements
I/O fencing concepts
Application service overview
I/O fencing operations
VCS agents for managing applications
I/O fencing implementation
The Application agent
Fencing configuration
IMF support and prevention of concurrency violation
Using I/O Fencing for Application Data Integrity
Clustering Applications
Clustering Databases
VCS database agents
Database preparation
Global cluster architecture
The database agent for Oracle
Global cluster components
Database failover behavior
VCS features for global cluster management
Additional Oracle agent functions
Intercluster communication failure
Global Clustering
Global Cluster Architecture and Concepts
Configuring a Global Cluster
Linking clusters
Managing clusters in a global cluster environment
Configuring global cluster heartbeats
Managing global cluster heartbeats
Configuring a global service group
Managing global service groups
Managing dynamic IP address updates
Using VIOM for disaster recovery
Managing a Global Cluster
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

Session Dates

Ved forespørsel. Vennligst <u>kontakt oss</u>

Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.