

Enterprise Computing Solutions - Education Services

OFERTA FORMATIVA

Detalles de contacto

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VERITAS

Veritas InfoScale Availability 7.3 for UNIX/Linux: Administration

CÓDIGO: DURACIÓN: Precio:

VER_ISA-7.3 A-U 40 Hours (5 días) A consultar

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.

Objetivos

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.

Público

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.

Requisitos Previos

Knowledge of and hands-on experience with Linux systems administration

Programa

High availability concepts

Clustering concepts VCS terminology
High availability application servicesCluster communication
Clustering prerequisites VCS architecture

Cluster Server BasicsHigh Availability ConceptsVCS Building Blocks VCS Operations

Preparing applications for VCS

Starting and stopping VCS Performing one-time configuration tasks

Common VCS tools and operationsOverview of configuration methodsTesting 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 errorsSolving offline configuration problemsConfiguring notification Testing the service group Testing the service group Overview of triggers

Offline Configuration Configuring Notification Cluster Server AdditionsHandling Resource Faults

VCS response to resource faults

Determining failover duration

Controlling fault behavior

Recovering from resource faults

IMF overview

IMF configuration

Joining the cluster membership

Fault notification and event handlingFaults and failover with intelligent monitoringChanging 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 IntegrityClustering 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 Cluster Architecture and ConceptsConfiguring a Global Cluster

Linking clusters Managing clusters in a global cluster environment

Configuring global cluster heartbeats
Configuring a global service group
Managing global service groups
Managing dynamic IP address updatesUsing 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

Fechas Programadas

A petición. Gracias por contactarnos.

Información Adicional

Esta formación también está disponible en modalidad presencial. Por favor contáctenos para más información.