Oracle Solaris Cluster 4.x Advanced Administration Ed 3

CODICE	**DURATA**	**PREZZO**	**LINGUA**	**MODALITÀ**
D78292GC30	5 Giorni	2.500,00€ (iva escl.)	italiano	Virtual Classroom Corso in aula

SCHEDULAZIONE

- A Richiesta

PREREQUISITI

Prerequisiti obbligatori:

- Administer the Oracle Solaris 10/11 Operating System

- Manage file systems and local disk drives

- Perform system boot procedures

- Manage user administration

- Oracle Solaris 11 System Administration

Prerequisiti suggeriti :

- Key Features of the Oracle Solaris 10 Operating System

- Oracle Solaris 11 ZFS Administration

Il corso è rivolto ad amministratori di sistema.

OBIETTIVI

The Oracle Solaris Cluster 4.x Administration course provides students with the essential information and skills needed to install and administer Oracle Solaris Cluster 4.1 hardware and software systems. Students are introduced to Oracle Solaris Cluster 4.1 hardware and software product features, hardware configuration, and software installation along with configuration, data service

configuration, and system operation.

Learn To:

- Install Oracle Solaris Cluster 4.1 packages using Oracle Solaris IPS

- Use Cluster commands to administer global properties, quorum, disk paths, and interconnect components

- Build ZFS Storage pools and file systems for the cluster

- Configure an IPMP group and fail over an adapter in the group

- Create scalable and failover resource groups.

- Configure Oracle Solaris Zones, Failover Zones, and Zone Clusters

Benefits To You:

Benefit from gaining a deeper understanding about how to configure Oracle Solaris Zones, failover Zones and Cluster Zones in mission-critical Oracle Solaris 10 applications on Oracle Solaris 11 cloud environments.

Objectives:

- Describe the major Oracle Solaris Cluster hardware and software components and functions

- Configure access to node consoles and the cluster console software

- Install and configure the Oracle Solaris Cluster software

- Configure Oracle Solaris Cluster quorum devices and device fencing

- Configure and use ZFS in the Oracle Solaris Cluster software environment

- Configure Solaris Volume Manager software in the Oracle Solaris Cluster software environment

- Create Internet Protocol Multipathing (IPMP) failover groups in the Oracle Solaris Cluster software environment

- Describe resources and resource groups, configure a failover data service resource group (Network File System [NFS]), and configure a scalable data service resource group (Apache)

- Configure an Oracle Solaris 10 branded zone

- Build zone clusters

- Migrate a scalable application from global zone to zone cluster

- Convert a scalable application to failover application in zone cluster

CONTENUTI

Planning the Oracle Solaris Cluster Environment

Define clustering

Oracle Solaris Cluster features

Oracle Solaris Cluster hardware environment

Oracle Solaris Cluster software environment

Oracle Solaris Cluster supported applications

Oracle Solaris Cluster High Availability framework

Identifying the global storage services

Virtualization support in Oracle Solaris Cluster

Establishing Cluster Node Console Connectivity

Accessing the cluster node consoles

Using the Oracle Solaris Parallel Console Software

Preparing for the Oracle Solaris Cluster Installation

Preparing the Oracle Solaris OS environment

Oracle Solaris Cluster storage connections

Describing quorum votes and quorum devices

Persistent quorum reservations and cluster amnesia

Describing data fencing

Configuring a cluster interconnect

Identifying public network adapters

Configuring shared physical adapters

Installing and Configuring the Oracle Solaris Cluster Software

Identifying the Oracle Solaris Cluster install package groups

Prerequisites for installing the Oracle Solaris Cluster software

Installing the Oracle Solaris Cluster software

Set the root environment

Configuring the Oracle Solaris Cluster software

Sample cluster configuration scenarios

Settings automatically configured by scinstall

Automatic quorum configuration and installmode reset

Perform Oracle Solaris Cluster Administration

Identify the cluster daemons

Use cluster commands

Using RBAC with Oracle Solaris Cluster

Administering cluster global properties

Administering cluster nodes

Administering quorum

Administering disk path monitoring

Administering SCSI protocol settings of storage devices

Using ZFS With Oracle Solaris Cluster Software
Building ZFS Storage pools and file systems
Using ZFS for Oracle Solaris Cluster failover data

Using Solaris Volume Manager With Oracle Solaris Cluster Software
Introduction to Solaris Volume Manager
Solaris Volume Manager disk sets
Solaris Volume Manager Multi-Owner Disksets (for Oracle RAC)
Shared disk set replica management
Using Solaris Volume Manager Status Commands and Building Volumes in shared disk sets with soft partitions of mirrors
Managing Solaris Volume manager disksets and Oracle Solaris Cluster device groups
Using global and failover file systems on shared disk set volumes

Managing the Public Network With IPMP
Introducing IPMP
Describing general IPMP concepts
Configuring standby adapters in a group
Controlling the behavior of IPMP
Using ipadm commands to configure IPMP
Performing failover and failback manually
Configuring IPMP in the Oracle Solaris Cluster environment

Managing Data Services, Resource Groups, and HA-NFS
Introducing data services in the cluster
Oracle Solaris Cluster Software Data Service Agents
Introducing data service packaging, installation, and registration
Introducing resources, resource groups, and resource group manager
Describing failover resource groups
Using special resource types
Guidelines for using global and failover file systems
Understanding resource dependencies and resource group dependencies

Configuring Scalable Services and Advanced Resource Group Relationships
Using scalable services and shared addresses
Exploring the characteristics of scalable services
Using the shared address resource
Exploring resource groups for scalable services
Properties for scalable groups and services
Adding auxiliary nodes for a SharedAddress aroperty
Reviewing command examples for a scalable service

Controlling scalable resources and resource groups

Using Oracle Solaris Zones in Oracle Solaris Cluster

Oracle Solaris Zones in Oracle Solaris 11

Using HA for Zones

Configuring a Failover Zone

Using Zone Cluster

Creating a Zone Cluster

Creating a solaris10 branded zone in Zone Clusters

Support for Exclusive-IP Zone in Zone Clusters

Support for Trusted Extensions with Zone Clusters

Prezzi e corsi potrebbero subire variazioni; si consiglia di verificare sul sito www.novanext.it/training.