

# OSOL-2 - ORACLE SOLARIS 11 SYSTEM ADMINISTRATION

Categoria: **Solaris**

## INFORMAZIONI SUL CORSO



**Durata:**  
5 Giorni



**Categoria:**  
Solaris



**Qualifica Istruttore:**  
Oracle Certified  
Professional



**Dedicato a:**  
Professionista IT



**Produttore:**  
Oracle

## OBIETTIVI

- Controllare l'accesso ai sistemi e ai file
- Gestire i processi di sistema
- Pianificare le attività del sistema
- Monitorare il sistema
- Risolvere i problemi del sistema
- Installare l'Oracle Solaris 11 sistema operativo utilizzando un installer interattivo
- Aggiornare il Oracle sistema operativo Solaris 11 con IPS
- Gestire i pacchetti software di Oracle in Solaris 11 Sistema operativo
- Amministrare i servizi SMF
- Avviare e arrestare un sistema
- Gestire i dati di storage usando ZFS
- Amministrare Oracle Solaris zona
- Amministrare una rete fisica
- Configurare e amministrare gli account utente

## PREREQUISITI

Conoscenze di base UNIX

## CONTENUTI

### **Installing Oracle Solaris 11 Using an Interactive Installer**

Preparing for the Installation

Performing the Installation

Verifying the Installation

### **Updating the Oracle Solaris 11 OS Using IPS**

Retrieving Packages from the IPS Repository

Installing a Package

Verifying a Package Installation

Uninstalling a Package

Searching for a Package

## **Managing Software Packages**

Managing Software Packages Using the Command Line

Manage Software Packages Using Package Manager

## **Administering SMF Services**

Monitoring Services

Enabling a Service

Disabling a Service

Restarting a Service

## **Booting and Shutting Down a System**

Booting a System

Shutting Down a System

## **Managing ZFS Storage Pools**

Creating a ZFS Storage Pool

Managing ZFS Storage Pool Properties

Querying ZFS Storage Pool Status

Destroying a ZFS Storage Pool

## **Managing ZFS File Systems**

Creating and Destroying a ZFS File System

Managing ZFS File System Properties

Querying ZFS File System Information

Mounting and Unmounting ZFS File Systems

## **Using ZFS Snapshots and Clones**

Creating a ZFS Snapshot

Destroying a ZFS Snapshot

Displaying a ZFS Snapshot

Creating a ZFS Clone

Destroying a ZFS Clone

## **Administering an Oracle Solaris Zone**

Logging in to a Zone

Exiting a Zone

Shutting Down a Zone

Starting Up a Zone

Halting a Zone

Assessing a Zone Configuration

Monitoring a Zone

## **Administering a Physical Network**

Determining Datalink Availability

Configuring a Network Interface

Administering a Network Interface

Verifying Network Operation

## **Setting Up and Maintaining User Accounts**

Adding Users and Groups

Modifying User and Group Accounts

Deleting User and Group Accounts

Setting Password Aging

## **Configuring User Shells and User Disk Quotas**

Configuring User Shells

Configuring User Disk Quotas

## **Controlling Access to Systems**

Securing Logins and Passwords

Changing the Password Algorithm

Verifying System Access Control

### **Controlling Access to Files**

Protecting Files with Basic Permissions

Protecting Against Programs with Security Risk

Verifying File Access Control

### **Configuring and Using Secure Shell**

Configuring Secure Shell

Using Secure Shell

### **Managing System Processes**

Listing System Processes

Controlling System Processes

Killing a Process

### **Scheduling System Tasks**

Scheduling Repetitive System Tasks

Administering crontab Files

### **Monitoring System Logs and Crash and Core Dump Files**

Introducing System Logs

Introducing Crash Dump Files

Introducing Core Dump Files

### **Performing Basic Troubleshooting**

Troubleshooting a Script Execution Issue

Troubleshooting a Software Update Failure

Troubleshoot a Network Connectivity Issue

Troubleshooting a Directory Access Issue

Troubleshooting a Default Shell Issue

Oracle Solaris 11 Advanced System Administration

Oracle Solaris 11 Advanced System Administration

## INFO

**Materiale didattico:** Materiale didattico ufficiale Oracle in formato digitale

**Costo materiale didattico:** incluso nel prezzo del corso a Calendario

**Natura del corso:** Operativo (previsti lab su PC)