

# OSOL-3 - ORACLE SOLARIS 11 ADVANCED SYSTEM ADMINISTRATION

Categoria: **Solaris**

## INFORMAZIONI SUL CORSO



Durata:  
5 Giorni



Categoria:  
Solaris



Qualifica Istruttore:  
Oracle Certified  
Professional



Dedicato a:  
Professionista IT



Produttore:  
Oracle

## OBIETTIVI

- Gestire la Image Packaging System (IPS)
- Installare il sistema operativo Oracle Solaris 11 utilizzando il programma di installazione automatica
- Gestire i dati delle applicazioni aziendali
- Configurare Oracle Solaris Zones
- Crea un Oracle Solaris 11 di rete virtuale
- Configurare i servizi di SMF
- Configurare i privilegi
- Configurare Role-Based Access Control
- Protezione delle risorse di sistema con l'auditing di Solaris
- Gestire i processi e le priorità
- Configurare le risorse di sistema
- Monitor delle prestazioni del sistema
- Configurare il sistema di messaggistica
- Configurare servizi di crash di sistema
- Configurare servizi di dump

## PREREQUISITI

Experience with Oracle Solaris Zones Knowledge of the ZFS file system Oracle Solaris 11 System Administration

## CONTENUTI

### **Managing the Image Packaging System (IPS) and Packages**

- Configuring a Local IPS Package Repository
- Configuring Network Client Access to the Local IPS Server
- Managing Signed Packages and Package Properties
- Managing Package Publishers
- Managing Multiple Boot Environments

### **Installing Oracle Solaris 11 OS on Multiple Hosts**

- Installing Oracle Solaris 11 Using the Automated Installer
- Building an Oracle Solaris Image

## **Managing Business Application Data**

- Managing Data Redundancy with Mirrored Storage Pools
- Backing Up and Recovering Data with ZFS Snapshots
- Managing Data Storage Space with ZFS File System Properties
- Troubleshooting ZFS Failures

## **Configuring Network and Traffic Failover**

- Configuring Systems on a Local Network
- Configuring Network Auto-Magic
- Configuring Network File System
- Configuring Link Aggregation
- Configuring an IPMP Group
- Implementing Link Failover Using IPMP
- Monitoring an IPMP Group

## **Configuring Zones and the Virtual Network**

- Creating a Virtual Network
- Configuring Zones to Use VNICs
- Allocating and Managing System Resources in a Zone
- Managing Resources on the Virtual Network

## **Managing Services and Service Properties**

- Configuring SMF services
- Troubleshooting the SMF Services

## **Configuring Privileges and Role-Based Access Control**

- Configuring and Managing Privileges
- Configuring and Using RBAC

## **Securing System Resources Using Oracle Solaris Auditing**

- Configuring Oracle Solaris Auditing
- Administering Oracle Solaris Auditing
- Managing Audit Records on Local Systems

## **Managing Processes and Priorities**

- Managing Process Scheduling Priority
- Configuring the Fair Share Scheduler
- Managing the Scheduling Class of a Zone

## **Evaluating System Resources**

- Configuring and Administering System Resources
- Monitoring System Performance

## **Monitoring and Troubleshooting Software Failures**

- Configuring System Messaging
- Configuring System Crash Facilities
- Configuring Dump Facilities for Business Application Failure

## **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)