Zones Administration on Oracle Solaris 11

Introduction

- Overview
- Course Goals
- Course Agenda
- Introductions
- Your Learning Center

Introduction to Oracle Solaris Zones

- Introduction to Oracle Solaris Zones
- Oracle Solaris Zones Architectural Overview
- Characteristics of combined virtualization models
- Oracle Solaris Zones States
- Planning Oracle Solaris Zones

Configuring Oracle Solaris Zones

- Non-global Zone Configuration Methods
- Zone Configuration Tools
- Zone Configuration Components
- Zone Template Properties
- Configuring Non - global Zones on a Local Host
- Immutable Global Zones
- Immutable Non-Global Zones
- Startup and shutdown non - global zones

Deploying Oracle Solaris Zones using Automatic Installation (AI)

- Configuring Zones for AI Deployment
- Deploy Zone Using AI

Migrating Oracle Solaris 10 Systems and Native Zones

- Solaris10 Branded Zones
- Migrating an Oracle Solaris 10 System
- Migrating an Oracle Solaris 10 Native Zone
- Installing Non-global Zones on Shared Storage (ZOSS)

- Migrating a non-global zone in a ZOSS configuration
- Migrating a Kernel Zone

Administering Oracle Solaris Zones

- Managing Zone Services
- Managing Zone Storage
- Managing Zone Networks
- Managing Zone Packages
- Cloning and Moving Non-Global Zones
- Using a Unified Archive to Clone a Zone
- Backing Up and Restoring Zone
- Using a Unified Archive to Backup and Restore a Zone

Administering Zone Networks

- Zone Network Resources and Properties
- Network Virtualization
- Consolidating Networks Using Network Virtualization
- Using Network Flow Control in a Zone
- IP - Mulpipathing in a Zone

Configuring Oracle Solaris Kernel Zones

- Non-global Zone Configuration Methods
- Kernel Zone hardware and software requirements
- Kernel Zones Architecture
- Configuring Kernel Zones
- Kernel Zones Resources
- Verified boot policy
- Deploying a Kernel Zone
- Suspending and Resuming Kernel Zones

Optimizing Workloads by Managing Resources

- Introduction t o Resource Management
- Live Zone Reconfiguration
- Projects and Tasks
- Fair Share Scheduler (FSS)
- Resource Pools
- Resource Capping

Monito ring and Troubleshooting Oracle Solaris Zone

- Introduction to Oracle Solaris Zone Monitoring
- Extended Accounting Facility
- Monitoring Zone Resource Consumption
- Monitoring Workloads
- Tune Oracle Solaris Zones
- Zone Troubleshooting