

# Oracle Solaris 11 Advanced System Administration

Kód kurzu: D72965

The Oracle Solaris 11 Advanced System Administration course offers you an intensive, hands-on experience. You'll work with complex and integrated administration concepts. The course builds on the system administration skills taught in the Oracle Solaris 11 System Administration course. It highlights an array of advanced subjects and technologies, like installing Oracle Solaris 11 using the Automated Installer (AI) and the Image Packaging System (IPS) for package management.

## Pro koho je kurz určen

- Data Center Manager
- Support Engineer
- System Administrator
- System Integrator
- Technical Consultant

## Co Vás naučíme

- Manage the Image Packaging System (IPS)
- Install the Oracle Solaris 11 operating system using the Automated Installer
- Manage business application data
- Configure Oracle Solaris zones
- Create an Oracle Solaris 11 virtual network
- Configure SMF services
- Configure privileges
- Configure Role-Based Access Control
- Securing system resources with Oracle Solaris Auditing
- Manage processes and priorities
- Configure system resources
- Monitor system performance
- Configure system messaging
- Configure system crash facilities
- Configure dump facilities

## Požadované vstupní znalosti

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

## Metody výuky

Odborný výklad s praktickými ukázkami, cviení na počítaích.

## Formáty školení Oracle

Velmi oblíbenou formou školení jsou nahrávané kurzy On Demand zahrnující 90 dn samostudia kdykoliv a kdekoliv s TOP lektorem. Dalšími možnými formáty studia jsou kurzy probíhající přímo v uebn v Poítaové škole Gopas nebo ve spolenosti Oracle, dále formát Live Virtual Class (školení on-line) i Selft-Study (samostudium ve form CD, nebo download). Podrobnější informace k tmtmo možnostem studia najdete [zde](#).

## Studijní materiály

Elektronické autorizované materiály Oracle v anglickém jazyce.

## Osnova kurzu

Managing the Image Packaging System (IPS) and Packages

### GOPAS Praha

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# Oracle Solaris 11 Advanced System Administration

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

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## 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

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