

Oracle Solaris 11 System Administration

- **Formato do curso:** Presencial
- **Localidade:** Porto
- **Data:** 11 Mar. 2019 a 15 Mar. 2019
- **Preço:** 2250€
- **Horário:** Laboral - das 09h30 às 17h30
- **Nível:** Avançado
- **Duração:** 30 horas

In this course, you will learn the skills needed to perform job tasks successfully and efficiently in the Oracle Solaris 11 Operating System. You will cover the full range of introductory system administration tasks from installing the operating system on a single system to monitoring and basic troubleshooting. You will gain intensive hands-on experience for key system administration tasks with the goal of making the system administrator job-ready. What you'll learn:

- Control access to systems and files
- Manage system processes
- Schedule system tasks
- Monitor the system
- Troubleshoot system issues
- Install the Oracle Solaris 11 operating system using an interactive installer
- Update the Oracle Solaris 11 operating system using IPS
- Manage software packages in the Oracle Solaris 11 operating system
- Administer Service Management Facility (SMF) services
- Start up and shut down a system
- Manage data storage using ZFS
- Administer an Oracle Solaris zone
- Administer a physical network
- Set up and administer user accounts

Destinatários

- Support engineers
 - System administrators
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Pré-requisitos

- Basic UNIX skills
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Programa

Installing Oracle Solaris 11 Using an Interactive Installer

- Preparing
- Performing
- Verifying

Updating the Oracle Solaris 11 OS Using Imaging Packaging System (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

- Creating and Destroying a ZFS
- Managing ZFS Properties

- Querying ZFS Information
- Mounting and Unmounting ZFS

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, Crash, and Core Dump Files

- System Logs
- Crash Dump Files
- 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