



Oracle VM Server for SPARC Administration

Varighed: 2 Days **Kursus Kode: SA-345**

Beskrivelse:

Oracle VM Server for SPARC technology (previously called Solaris Logical Domains) is part of a suite of methodologies for consolidation and resource management that includes Sun Fire Dynamic System Domains and Oracle Containers. This technology allows you to allocate a systems various resources, such as memory, CPUs, and devices, into logical groupings and create multiple, discrete systems, each with their own operating system, resources, and identity within a single computer system. The emphasis of this course is on providing practical Oracle VM Server for SPARC planning, configuration, and administration experience, while also covering the underlying technologies and best practices. This course features the Oracle Solaris 10 and Logical Domains Manager software. The students perform the course lab exercises using Oracle VM Server for SPARC supported servers.

Målgruppe:

Support Engineer
System Administrator
System Integrator
Technical Administrator
Technical Consultant.

Agenda:

- Plan an Oracle VM Server for SPARC installation
 - Install the Oracle VM Server for SPARC software
 - Configure the control and service domain
 - Create a guest domain
 - Reconfigure Oracle VM Server for SPARC resources
 - Use virtual disks
 - Use virtual networks
 - Manage Oracle VM Server for SPARC configurations
 - Migrate an active guest domain (warm migration)
 - Migrate a bound or inactive guest domain (cold migration)
 - Create an additional I/O domain
 - Configure virtual network multipathing with multiple I/O domains
 - Configure virtual disk multipathing with multiple I/O domains
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Forudsætninger:

Required Prerequisites
Administer Ethernet networks
Administer an Oracle Solaris 10 OS
Perform basic server initial setup tasks
Suggested Prerequisites
System Administration for the Solaris 10 OS Part 2 (SA-202-S10)

Yderligere Kurser:

Related courses before

- SA-202-S10: System Administration for the Solaris 10 Operating System Part 2 (SA-202-S10)
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Indhold:

Oracle VM Server for SPARC Fundamentals

Introduction to Oracle VM Server for SPARC
Oracle VM Server for SPARC Architecture
Oracle VM Server for SPARC Planning

Installing Oracle VM Server for SPARC Software

Verifying the Correct Build of the Oracle Solaris OS
Checking the System Firmware
Installing the Logical Domains Manager Software Packages
The Logical Domains Manager Idm Command

Configuring the Control and Service Domain

Configuring the Control Domain's Resources
Adding Virtual Services
Saving the Configuration to the System Controller
Verifying the Configuration is Ready to be Used at the Next Reboot
Rebooting the Control Domain
Enabling Networking Between the Control/Service Domain and Other Domains
Enabling the Virtual Network Terminal Server Daemon

Creating a Guest Domain

Creating and Starting a Guest Domain
Installing the Oracle Solaris OS on a Guest Domain Using JumpStart
Verifying a Guest Domain Configuration

Performing Oracle VM Server for SPARC Administration

Reconfiguring Oracle VM Server for SPARC Resources
Using Virtual Disks
Using Virtual Networks

Managing Oracle VM Server for SPARC Configurations

Managing Advanced Oracle VM Server for SPARC Configurations
Migrating a Logical Domain from One Server to Another
Using Multiple I/O Domains

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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