

ORACLE VM 3 OVERVIEW & IMPLEMENTATION BOOT CAMP

Oracle VM Server for x86 is a free server virtualization and management solution that makes enterprise applications easier to deploy, manage, and support. Backed worldwide by affordable enterprise-quality support for both Oracle and non-Oracle environments, Oracle VM facilitates the deployment and operation of your enterprise applications on a fully certified platform to reduce operations and support costs while simultaneously increasing IT efficiency and agility.

What will we cover:

The Oracle VM 3 Overview & Implementation Boot Camp is a hands-on workshop, designed for Oracle partners who will promote and deliver Oracle VM 3 virtualization solution to customers.

The attendees will take this opportunity to learn the architecture, especially the application-driven virtualization concept of the latest Oracle VM solution. Specially tailored demos and labs will make attendees aware of best practices in Oracle VM based solutions with customer implementations or upgrades. The knowledge from the Boot Camp is also a strongly recommended step to Oracle VM specialization.

Learn To:

- Installing OVM Servers & Manager
- Work with Oracle VM Templates, Template Builder, Virtual Assembly Builder
- Generate/Add a Virtual Network Interface

Duration:

The boot camp is an instructor led hands-on workshop that is available in three days in class format.

The duration is intended for general reference. The boot camp instructor may recommend a different approach in rolling the class. Students are required to check the boot camp duration for the scheduled event they are interested in.

Audience:

Administrator	Sales Consultants	System Integrator
Architect	Support Engineer	Technical Administrator
Data Warehouse Administrator	System Administrator	Technical Consultant
Database Administrators	System Analysts	Web Administrator

Prerequisite Training and Environment Requirements:

The skill set for the expected attendees :

- Basic knowledge on commodity x86 server hardware, network, SAN storage and File Systems;
- Basic skills on Linux OS administration;
- Take the OVM 3 Implementation specialization guided learning path (The URL is still pending)

The attendees are expected to take their own laptops to remotely access the lab environment:

Server Requirements for a Multiuser Install	
Hardware	
Processor	1GHz
System memory	1GB
Software	
Software	Java 1.50+ Browser Plugin SSL/Telnet client such as PuTTY Internet Explorer 6.0+, Mozilla Firefox 3.0+ or Apple Safari 3.0+

Note: for Mac OSX, students will need to install a TUN/TAP driver. A free TUN/TAP driver is available at <http://tunaposx.sourceforge.net/download.xhtml>. You will also require the Rosetta software from Apple. This is available from the Mac OS X installation media.

Agenda Topics:

Topics
• Virtualization Overview and Oracle’s Position
• Introductions & Class Information
• Brief discussion of Virtualization types
• Oracle’s position in Virtualization (competitive discussion)
• Partnering Discussion
• Oracle VM Infrastructure Overview
• Oracle VM Manager & Server Overview/Installation
• Oracle VM Manager GUI (Discovering Servers, Configuring Storage, Creating a Server pool ...)
• Oracle VM Networks
• VM High Availability
• Oracle VM Guest Types and Limitations
• Managing Oracle VMs
• Oracle VM Templates , Template Builder, Virtual Assembly Builder
• Capacity Planning & Sizing
• Backups and Disaster Recovery
• Security Considerations

Hands-on Labs Including:
• Installing OVM Servers & Manager
• Discover Servers
• Register Storage
• Create Server Pool
• Generate/Adding a Virtual Network Interface
• Oracle VM Manager
• Creating a Virtual Machine from Template
• Network Bonding
• Creating Virtual Machine Network
• Configuring HA

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Contact Us:

For more information about Oracle VM training available to Oracle Partners, visit competencycenter.oracle.com.



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