

S Exadata Virtual Machines Overview Seminar

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Course Outline

Introduction

- Seminar Introduction
- Seminar Objectives
- Audience and Prerequisites
- Course Content
- Additional Resources

Exadata Overview

- Exadata Hardware Generational Advances
- Exadata in the Cloud
- Exadata Storage Server Architecture
- Exadata Storage Server Features
- InfiniBand Network Overview
- Oracle Exadata Virtual Machines
- Exadata Software Architecture Overview

Exadata Virtual Machines Architecture

- Exadata VM Introduction
- Exadata VM Usage
- Traditional Oracle VM Architecture
- Virtual Machine Terminology
- Exadata VM Architecture
- Exadata VM Limitations
- Exadata VM Storage
- Exadata VM Monitoring

Exadata Virtual Machines Deployment

- Exadata VM Requirements
- Exadata VM Sizing
- Oracle Exadata Deployment Assistant Introduction and Overview
- Using the OEDA Configuration Tool
- Post-Deployment
- Modifying an Existing Deployment
- Exadata Migration

Exadata Virtual Machines Administration

- **Exadata OVM: Machine Boot**
- **Exadata OVM: Inside Dom0 and DomU**
- **VM Management Operations**
- **Backup and Restore**
- **Upgrades and Patching**
- **Monitoring**
- **Resource Management**