

# Oracle Enterprise Manager Ops Center 12c R2 Virtualizing Systems

## **Enterprise Manager Ops Center Virtualization Overview**

- About Virtualization and Hypervisors
- Oracle Virtualization
- Benefits of Virtualization in Enterprise Manager Ops Center
- Supported Virtualization Technologies in Enterprise Manager Ops Center
- Hardware for OVMSS
- OVMSS Architecture

## **Preparing the Lab Environment**

- Enterprise Manager Ops Center Installation Overview
- Preparing the Lab Environment, Gathering Required Information
- Performing Preinstallation Checks
- Installing Enterprise Manager Ops Center Software
- Configuring the Enterprise Controller in Disconnected Mode
- Creating a Discovery Profile for ILOM Service Processors
- Discovering and Managing Service Processors Using the Add Assets Action
- Creating a New Local Software Library

## **Managing Storage Libraries**

- Storage Library Overview
- Creating a NAS Storage Library
- Loading Images into a NAS Storage Library
- Creating a SAN Storage Library
- Adding LUNs to a SAN Storage Library
- Associating a SAN Storage Library
- Editing Library Attributes

## **Managing OVMSS Servers**

- About Oracle VM Server for SPARC
- OVMSS Control Domain Provisioning
- OVMSS Server Management

## **Managing OVMSS Guest**

- OVMSS Guest Management
- Creating a Logical Domain Profile
- Creating an OS Provisioning Profile
- Creating a Deployment Plan
- Verifying and Associating Storage Libraries
- Creating and Provisioning Logical Domains
- Guest Management and Monitoring

## **Creating and Managing Server Pools**

- About Server Pools
- Creating a Server Pool
- Server Pool Management
- Creating Guests in a Server Pool
- OVMSS Guest Management Actions

## **Migrating OVMSS Guests**

- Migrating Guests in Server Pools
- Configuring Load Balancing for Server Pools
- Manually Load Balancing Server Pools

## **Working with Networks**

- Enterprise Manager Ops Center Clouds
- Steps for Implementing Static Private vNets and Public vNets in Clouds
- Plumbing Networks Manually
- Enabling DHCP on Proxy Controllers
- Defining Managed IP Ranges on Networks
- Assigning Networks to Server Pools
- Creating Network Domains
- Associating Network Domains with Server Pools

## **Creating OVMSS Clouds**

- Tasks for Cloud Administrators and Cloud Users
- Creating Virtual Data Centers
- Creating Accounts
- Creating Server Templates
- Creating Private vNets
- Allocating Public or Private IP Addresses

## **Creating vServers**

- Overview
- Procedure

## **Creating I/O Domains**

- About I/O Domains
- Creating I/O Domains with PCIe Endpoint Devices
- Creating Root Domains
- Attaching Networks (Non-SR-IOV)
- Creating I/O Domains with Virtual Functions
- Working with Server Pools

## **Creating Root Domains**

## **Working on SR-IOV and Server Pools**