Oracle® Enterprise Manager Ops Center

Deploy Oracle VM Server for SPARC Workflow

12*c* Release 2 (12.2.0.0.0)

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This guide provides an end-to-end example for how to use Oracle Enterprise Manager Ops Center.

Introduction

Workflows are divided into two categories: Deploy and Operate. This workflow shows how to use Oracle Enterprise Manager Ops Center to deploy Oracle VM Server for SPARC, how to create and manage logical domains, and how to use server pools.

Oracle VM Server for SPARC technology enables you to create and manage several virtual machines, or logical domains, on a single SPARC platform.

When Oracle VM Server for SPARC software is installed, a domain called the control domain is created. From the control domain, you can create virtual machines called logical domains.

- Control domain: Creates and manages the logical domains. You can use the control domain to create, destroy, reconfigure, and reboot a logical domain independent of other logical domains.

- Logical domain: A virtual machine with resources that run independently on an Oracle VM Server for SPARC Control Domain. Virtual machine resources include a boot environment, CPU threads, memory, I/O devices, and its own operating system.

The Oracle VM Server technology can help you achieve greater resource usage, better scaling, and increased security and isolation.

Required Permissions and Roles

The following lists the permissions and roles that are required to complete the tasks in the workflow:

- Asset Admin
  - Discover and manage assets
  - Provision Oracle Solaris
- Plan/Profile Admin
  - Create and manage the profiles and plans
- Apply Deployment Plans
  - Select targets for the job and apply the plan to create zones.
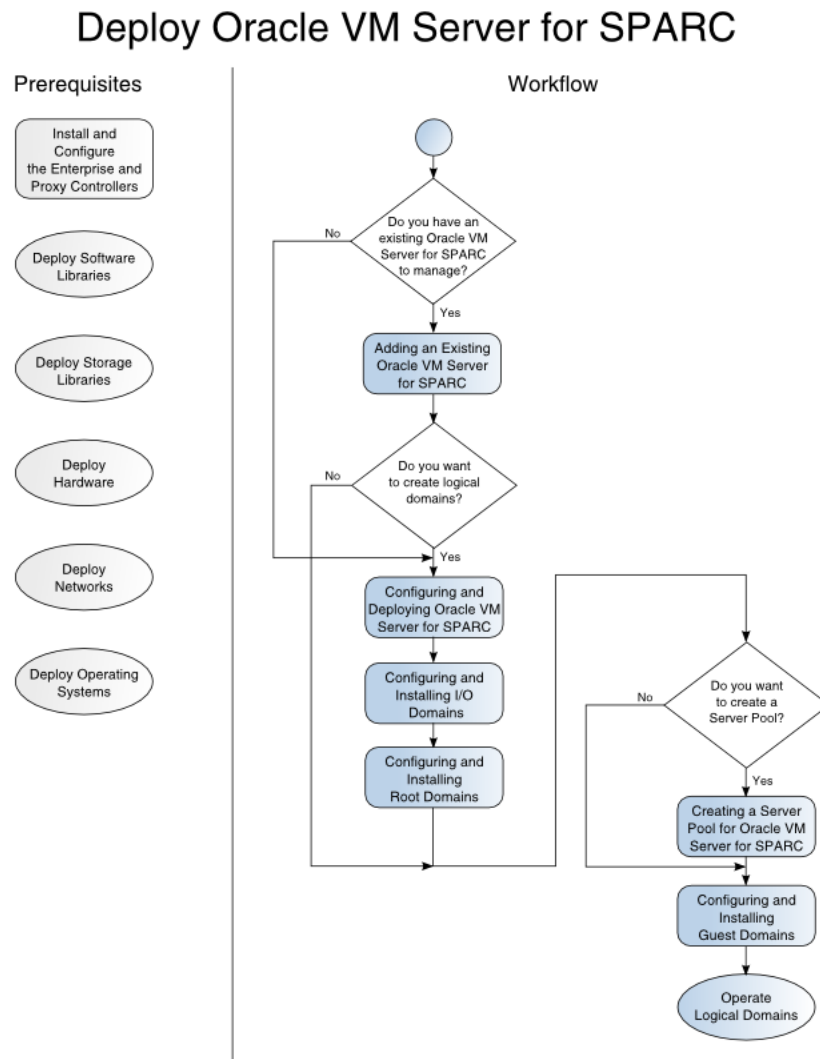- Virtualization Admin

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- Create an Oracle VM Server for SPARC server pool

- Create and install logical domains

Workflow

The left side of Figure 1 indicates prerequisite tasks and workflows. Before you begin this workflow, ensure that Oracle Enterprise Manager Ops Center is installed and configured, that your libraries are deployed and configured, and that your hardware and operating systems are discovered and managed in the software.

The right side of Figure 1 is the workflow for how to deploy Oracle VM Server for SPARC technology. The first task in this workflow is Configuring and deploying Oracle VM Server for SPARC. The second task is Creating a Server Pool for Oracle VM Server for SPARC to efficiently manage the logical domains. The final task is Configuring and Installing Logical Domains. The end of the workflow is to view the *Oracle Enterprise Manager Ops Center Operate Logical Domains Workflow*.

Figure 1   Deploy Oracle VM Server for SPARC Workflow

What's Next?

At the end of this workflow, you will have logical domains available for you to use. See the *Oracle Enterprise Manager Ops Center Operate Logical Domains Workflow* for how to monitor and manage the logical domains.

Related Articles and Resources

The Oracle Enterprise Manager Ops Center 12*c* Release 2 documentation is available at http://docs.oracle.com/cd/E40871_01/index.htm.

The *Oracle Enterprise Manager Ops Center Feature Reference Guide* has information about asset management, storage, networks, Oracle VM Server for SPARC, logical domains, and server pools.

The *Oracle Enterprise Manager Ops Center Administration Guide* has information about user roles and permissions.

For end-to-end examples, see the workflows and how to documentation in the Deploy How To library at http://docs.oracle.com/cd/E40871_01/nav/deployhowto.htm and the Operate How To library at http://docs.oracle.com/cd/E40871_01/nav/operatehowto.htm.

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