



Installation Overview

This guide describes the installation process using standalone installer. Cisco Prime Service Catalog comprises of two required component applications, Service Catalog and Service Link, and one optional component application called Reporting.

The installation is supported on WildFly and WebLogic application servers and can be configured in either Standalone and Cluster setup.

Subsequent sections in this chapter describes various deployment topologies for both WildFly and WebLogic Application Servers.

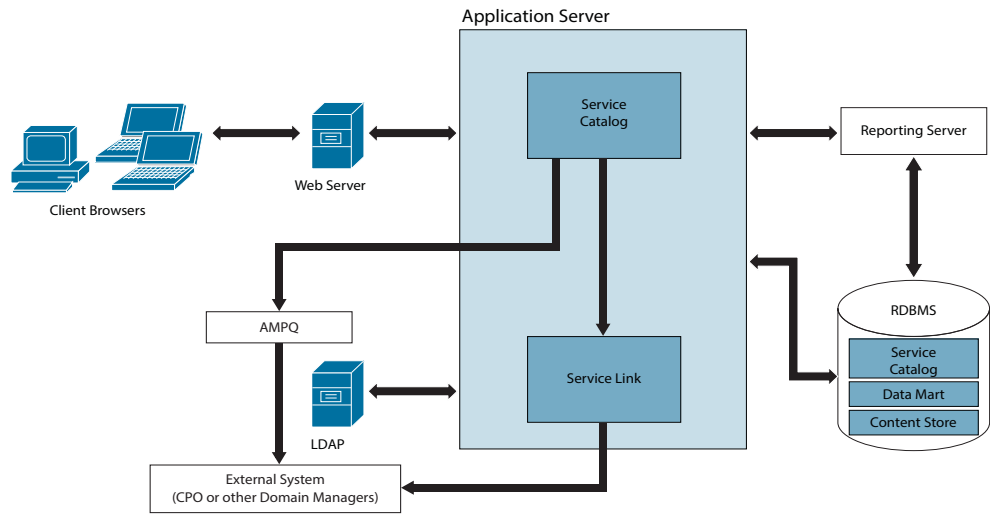
For information about installing the 12.1 Virtual Appliance (OVA file), see [Cisco Prime Service Catalog Quick Start Guide](#).

Deployment Topology

Prime Service Catalog can be set up in a standalone or cluster mode.

- **Standalone Mode:** In WildFly or Weblogic standalone mode, Prime Service Catalog provides two types of installation —Typical and Custom. The Typical installation performs a streamlined installation using default settings. Using the custom option, you can choose to install only the Service Catalog component application on your computer, only the Service Link component application on your computer, or both Service Catalog and Service Link component applications together on the same computer.

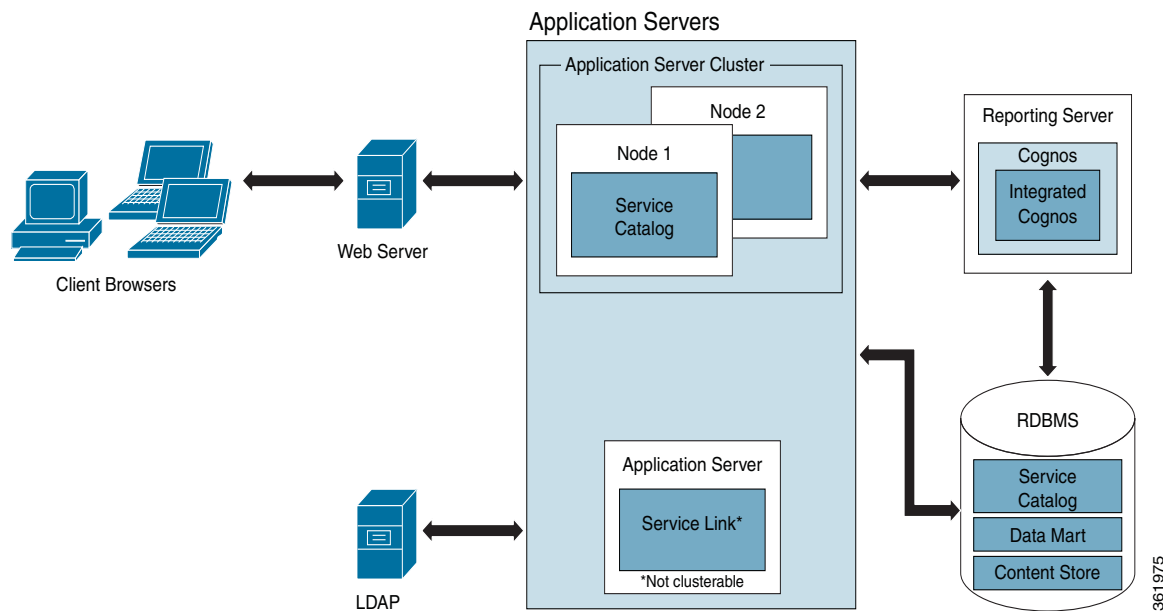
Figure 1-1 Typical Topology



- Cluster Mode:

- For a WebLogic Cluster environment, the topology may include multiple application server machines. The following diagram shows an example of an application server cluster with two nodes containing the Service Catalog component application, and a standalone application server containing the Service Link component application:

Figure 1-2 Clustered Topology

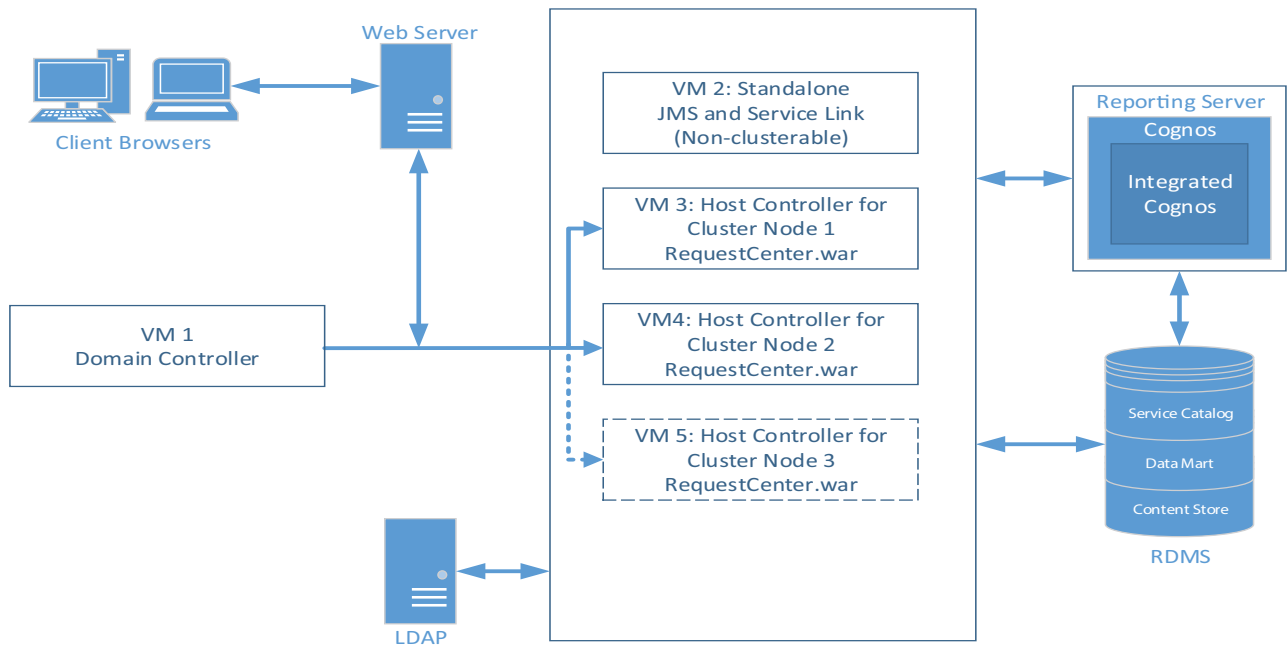


- For WildFly Cluster environment, the available topologies are a two VM and a four VM topology.

The following diagram shows an example of a four VM topology that has an application server cluster with two nodes containing the Service Catalog component application, one with domain controller and another node with Service Link component application.

- VM 1 will have only the Domain Controller.
- VM 2 will have the Service Link and JMS server.
- VM 3 will be the Host 1 for Service Catalog.
- VM 4 will be the Host 2 for Service Catalog.

Figure 1-3 WildFly 4 VM Topology



The following diagram shows an example of a two VM topology that has two horizontal nodes (i.e. two separate hosts) in a Wildfly cluster configuration. One node contains the Service Catalog component application, and another contains a Domain Controller, Service Link component application, and Service Catalog component application.

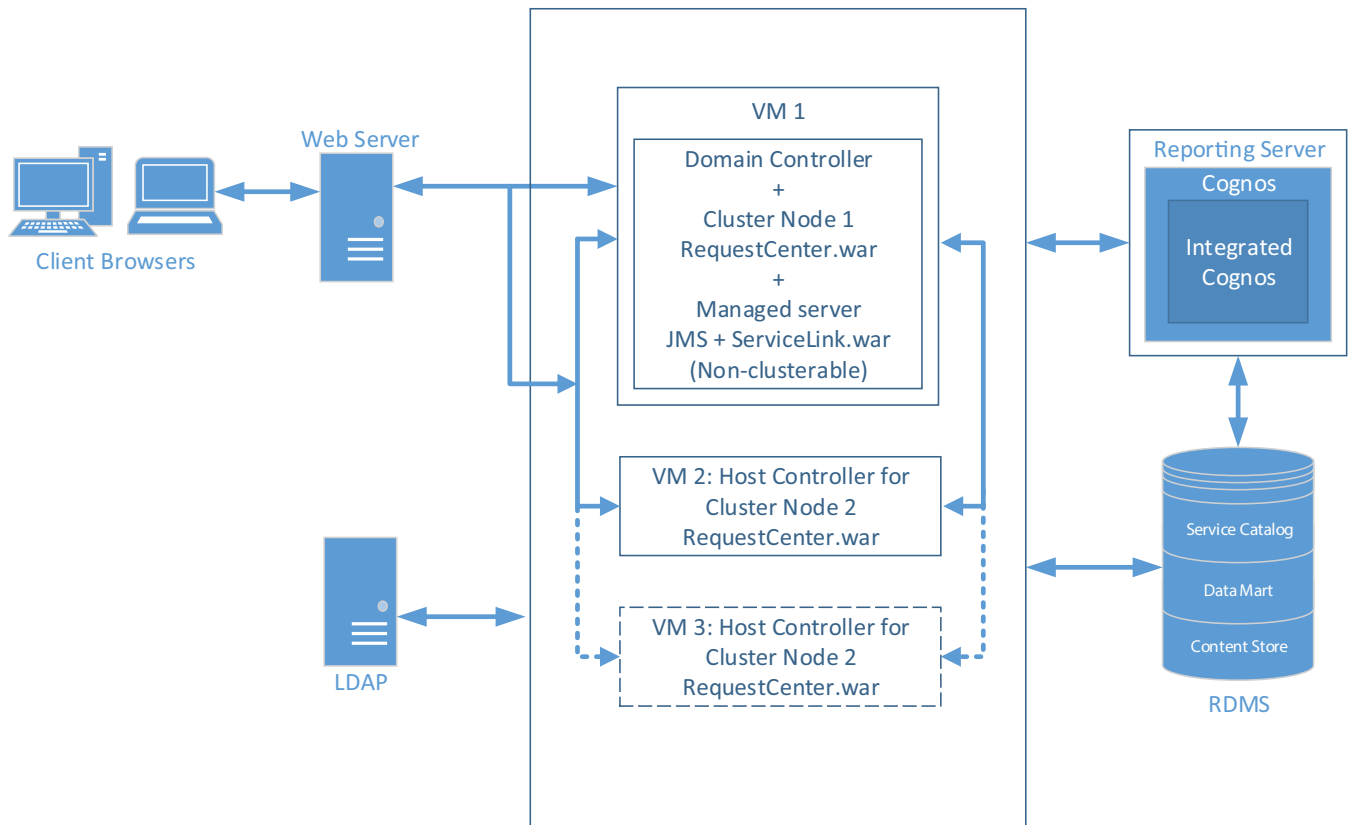
The user can start with 2 nodes, and add more nodes (i.e. more hosts) to the cluster as desired.



Note

The Prime Service Catalog Installer will support up to 6th node for the cluster. If the user wants to add a 7th node or more, see section [Adding Subsequent Host Nodes Manually in WildFly Cluster](#).

Figure 1-4 WildFly 2 VM Topology



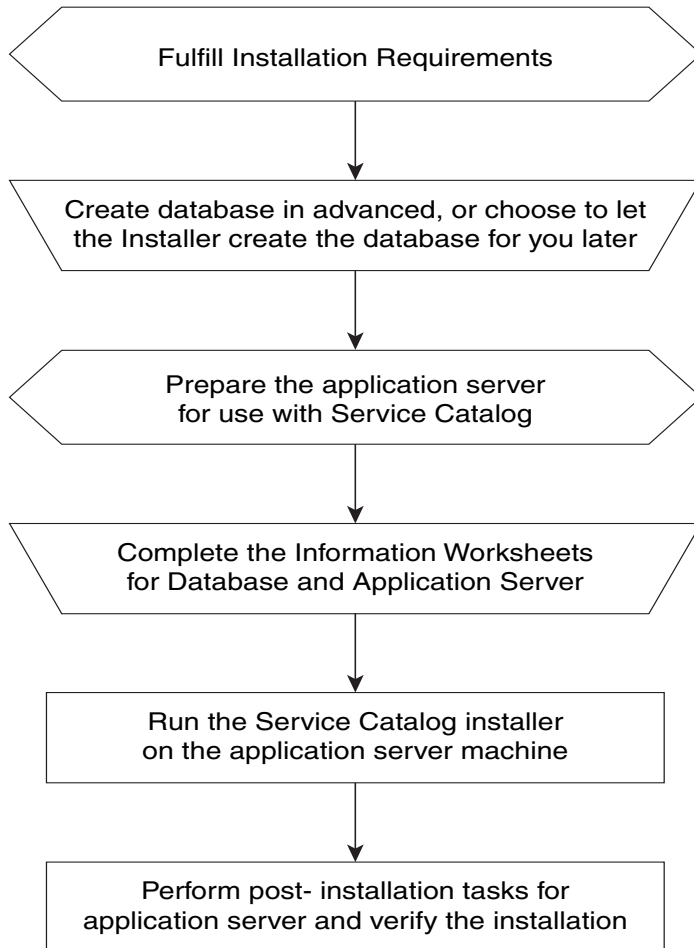
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Next chapter describes the software and hardware requirements for a typical deployment topology.

High-level Installation Flow

The following flowchart provides a high level flow of Prime Service Catalog installation.

Figure 1-5 Common Installation Steps



High-level Installation Overview

This section provides a road map of the installation process for Prime Service Catalog:

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- Step 1** Follow the instructions provided in [Installation Requirements](#) to ensure that you have adequately addressed the minimum hardware and software requirements, and installed the prerequisite software.
 - Step 2** Create the Service Catalog database, as described in [Configuring the Service Catalog Database](#) and complete the [Database Information Worksheet](#). You will need this information when running the Prime Service Catalog installation wizard.
 - Step 3** Prepare the application server for use with Prime Service Catalog, by performing the tasks described in one of the following sections:
 - For WildFly, go to the [Preinstallation Tasks for WildFly](#).
 - For WebLogic, go to the [Preinstallation Configuration for WebLogic](#).Complete the respective Application Server Information Worksheet as described in the [Worksheets](#) section. You will need this information when running the Prime Service Catalog installation wizard.
 - Step 4** Run the Prime Service Catalog installer on the application server machine, as described in the [Installing Prime Service Catalog on WildFly Application Server](#) or [Installing Prime Service Catalog on WebLogic Application Server](#). If you are performing an upgrade installation from a previous release, see [Upgrading Prime Service Catalog](#) in conjunction with this section.
 - Step 5** Perform the post installation tasks for your application server and verify your installation as described in one of the following sections:
 - For WildFly, go to the [Postinstallation Tasks for WildFly](#).
 - For WebLogic, go to the [Postinstallation Configuration for WebLogic](#).
 - Step 6** To enable the Reporting features, you also need to install the Reporting software module and the Cognos software, and configure the Cognos Server to integrate with the Prime Service Catalog application. When you are ready to do this, follow the instructions in [Installing and Upgrading Reporting Module](#).
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