Installing Cisco Vision Dynamic Signage Director for the First Time

This module describes the requirements for installing Cisco Vision Dynamic Signage Director on a VM (virtual machine). It includes the following topics:

- Prerequisites, page 19

- Virtual Machine Environment, page 19

- Installation Tasks, page 19

Prerequisites

Refer to the Release Notes for Cisco Vision Dynamic Signage Director 6.3 for the latest information about hardware and software requirements, changes, important notes, and caveats for your software release.

Be sure that the following requirements are met before you upgrade your server:

- You have the network information required to configure the Ethernet connection on the Cisco Vision Dynamic Signage Director server, such as:

  - IP address (IPv4 only) and network mask

    Note: The Cisco Vision Dynamic Signage Director server should be configured with a static IP address or a non-expiring DHCP lease.

  - Default gateway address

  - DNS server address

  - Hostname

Virtual Machine Environment

Installing Cisco Vision Dynamic Signage Director in a virtual machine environment includes setting up your machine environment, running the full ISO for Cisco Vision Dynamic Signage Director, and configuring the network. For more information see Hardware Prerequisites, page 12 and Installing on a Virtual Machine for the First Time, page 17 in Getting Started Installing or Upgrading Cisco Vision Dynamic Signage Director, page 11.

Installation Tasks

Note: This section includes the tasks to install Cisco Vision Dynamic Signage Director for the first time on a machine.

To install Cisco Vision Dynamic Signage Director for the first time on a machine, complete the following tasks:

- Downloading the ISO Files from Cisco.com, page 20 (required)

- What To Do Next, page 20 (required)

Downloading the ISO Files from Cisco.com

You are eligible to access the Cisco Vision Dynamic Signage Director full ISO file after you purchased the proper licensing. Contact Cisco Technical Support for information about how to download the ISO file (Table 1 on page 20).

Note: Choose the ISO for SV-DIRECTOR.

Table 1 on page 20 shows the filename conventions used for full ISO images for the Cisco Vision Dynamic Signage Director server.

Table 1   ISO Filename Conventions

Filename Convention[1]
■ SV-DIRECTOR-FULL-6.3.0-*XXX*.x86_64.iso
■ SV-DIRECTOR-FULL-6.3.0-*XXX*.x86_64.iso.md5sum
■ SV-DIRECTOR-FULL-6.3.0-*XXX*.x86_64.iso.sha512sum

1. "*XXX*" represents the build number of the image in the file.

To verify the integrity of your upgrade file from the download, you can use a command-line or GUI utility on your laptop to calculate the checksum on the .iso file. Open the .sha512sum file to compare the value that you calculated with the expected value provided in the .sha512sum file. The values should match. If they do not, retry the download.

What To Do Next

After you have installed the Cisco Vision Dynamic Signage Director software, do the following:

Note: For initial deployments of the DMPs, follow the instructions in the Cisco Vision Deployment Guide for Digital Media Players: Dynamic Signage Director, Release 6.3.

- Upgrade the DMP firmware (required).

  See Upgrading the DMP Firmware, page 35.

- Go to the "Configuring Cisco Vision Director Server System Settings" module of the Release 6.3: Cisco Vision Administration Guide: Dynamic Signage Director to complete initial setup of the server and do the following:

  – Generate the SSL certificate (*required* for Release 6.3).

  – Configure NTP on Cisco Vision Dynamic Signage Director Servers and DMPs.

  – Configure NTP and PTP for the DMPs.

  Note: By default, all media players use the Cisco Vision Dynamic Signage Director server as the NTP source. When using PTP on the DMPs, only the PTP leader device references an NTP source. To change the NTP source used by the DMPs, change the DMP global settings.

  – Configure multicast ports for Cisco Vision Dynamic Signage Director.