Installing Cisco Vision Dynamic Signage Director for the First Time

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

CAUTION: You must install the Cisco Vision Dynamic Signage Director Release software from a full ISO image (not an upgrade) that you down loaded from Cisco.com to be sure that you are running the released production version of Cisco Vision Dynamic Signage Director.

This module includes the following topics:

Prerequisites

Refer to the Release Notes for Cisco Vision Dynamic Signage Director 6.1 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:

Virtualized Server Environment

Installing Cisco Vision Dynamic Signage Director in a virtualized server environment includes setting up your server 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 Server for the First Time, page 14 in Getting Started Installing or Upgrading Cisco Vision Dynamic Signage Director, page 11.

Platform 3 Servers

- Your server is installed in its production location. For more information about installing your Platform 3 hardware, see the Cisco UCS C220 Server Installation and Service Guide.

- You have completed the initial server setup and configured the Cisco UCS C-Series Integrated Management Controller (CIMC) interface.

    To configure the CIMC, you will need an additional IP address for the server and should be prepared to change the default login and password. Be sure that the server is configured for standalone mode with the following settings:

    – DHCP—Disabled

    – NIC redundancy—None

    – Boot order—Virtual CD/DVD, HDD

    For more information, see Appendix C: CIMC Configuration and Firmware Upgrade Guidelines on the Cisco UCS C220 Server, page 51.

- 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

- The Cisco Vision Dynamic Signage Director server is connected to the network and has power.

- Power on the server and verify the boot order in the BIOS (by pressing **F2** while booting) prior to installation.

- To access the Cisco Integrated Management Controller (CIMC) for the software installation, the following requirements are met:

  - Your computer meets the minimum browser and Flash player requirements for Cisco Vision Dynamic Signage Director, and also has Java 1.6 or later installed.

  - You have a laptop connection with access to the Cisco Vision Dynamic Signage Director network.

  - You have the IP address of the CIMC interface on the Cisco Vision Dynamic Signage Director server.

  - You have the CIMC interface login credential. The default credential is **admin** and **password**.

Installation Tasks

Note: This section includes the tasks to install Cisco Vision Dynamic Signage Director for the first time on a Platform 3 server.

To install Cisco Vision Dynamic Signage Director for the first time on a Platform 3 server, complete the following tasks:

- Downloading the ISO Files from Cisco.com, page 18 (required)

- What To Do Next, page 19 (required)

Downloading the ISO Files from Cisco.com

You are eligible to obtain information about how to access the Cisco Vision Dynamic Signage Director full ISO file after you have purchased the proper licensing. Contact Cisco Technical Support for information about how to download the ISO file (Table 1 on page 19).

Note: Be sure that you choose the ISO for SV-DIRECTOR.

Table 1 on page 19 shows the filename conventions used for full ISO images for the Cisco Vision Dynamic Signage Director server.

Table 1   ISO Filename Conventions

Hardware Product ID	Filename Convention[1]
SV-PLATFORM3=	■ SV-DIRECTOR-FULL-6.1.0-*386*.x86_64.iso ■ SV-DIRECTOR-UPGRADE-6.1.0-*386*.x86_64.iso.md5sum ■ SV-DIRECTOR-FULL-6.1.0-*386*x86_64.iso.sha256sum

1. "*386*" represents the build number of the image in the file.

Be sure to download the ISO files to a location where you can access them once logged into the CIMC interface.

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 .sha256sum file to compare the value that you calculated with the expected value provided in the .sha256sum file. The values should match. If they do not, retry the download.

Logging Into the CIMC Interface

Note: To log into the CIMC interface, check the previous version of this document on Cisco.com. All the requirements and steps are available to read.

What To Do Next

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

Note: For initial deployments of the Series 2 and Series 3 media players, follow the instructions in the Cisco Vision Deployment Guide for Series 2 and Series 3 Media Players: Dynamic Signage Director, Release 6.0.

■ Upgrade the DMP firmware (required).

  See Upgrading the DMP Firmware, page 37.

■ Go to the "Configuring Cisco Vision Director Server System Settings" module of the Release 6.1: 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 6.0).

  – 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 master 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.

What To Do Next