



CHAPTER 1

Introduction

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This document describes how to set up, back up and recover Cisco Digital Media System 4.1 (DMS) appliances. The following systems constitute a DMS appliance:

- Cisco Video Portal 4.1 and Video Portal Reports 4.1 software preinstalled on a Cisco Media Convergence Server 7825-H3 chassis or on a Media Convergence Server 7835-H2 chassis.
- Cisco Digital Media Manager 4.1 (DMM) software preinstalled on a Media Convergence Server 7835-H1 chassis or on a Media Convergence Server 7835-H2 chassis.

To learn more about DMS and the prerequisites to administer it, read these sections:

- [Basic DMS Concepts and Vocabulary, page 1-1](#)
- [DMS 4.1 Requirements, page 1-2](#)
- [Before You Begin to Set Up a DMS 4.1 Appliance, page 1-2](#)

Basic DMS Concepts and Vocabulary

DMS helps organizations of any size to create, manage, organize, and deliver video content (whether live or on-demand) and digital signage content over an IP network to any general or targeted audience. With DMS, you can:

- Communicate with targeted customers, investors, press, and analysts.
- Deliver live and on-demand events to audiences in any location.
- Deliver critical information and training to employees, suppliers, and partners.
- Deliver educational content to students.

To understand some of the most commonly used DMS terms, abbreviations, and initialisms, see *FAQs and Troubleshooting Guide for Cisco Digital Media System 4.1* on Cisco.com.

DMS 4.1 Requirements

**Note**

- To understand the client system requirements to use DMS products, and to learn about known or fixed problems and late-breaking information, see *Release Notes for Cisco Digital Media System 4.1*.
- To identify other DMS documents that you might also want to read, see *Guide to User Documentation for Cisco Digital Media System 4.1*.

Before You Begin to Set Up a DMS 4.1 Appliance

You must do the following before you can set up and configure an appliance:

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- Step 1** Decide which networked computer you will use when you administer the appliance remotely.
 - Step 2** On that computer, install and set up the necessary client software according to the client system requirements in *Release Notes for Cisco Digital Media System 4.1* on Cisco.com.
 - Step 3** Ensure that TCP port 22 is not blocked between your Video Portal appliance and your DMM appliance.
 - Step 4** Ensure that authorized users of your DMM appliance can send and receive packets through TCP port 8080.
 - Step 5** Ensure that authorized users of your Video Portal appliance can send and receive packets through TCP port 80 (Video Portal) and port 8080 (Video Portal Reports).
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