

# HP OpenView Configuration Management Distributed Configuration Server

for the AIX; Enterprise Linux ES, AS; HP-UX; Solaris; SuSE Linux  
Enterprise Server; and Windows operating systems

Software Version: 5.00

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## Installation and Configuration Guide

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## Documentation Updates

This guide's title page contains the following identifying information:

- Version number, which indicates the software version.
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The following table indicates the changes that were made to this document since the previously released edition.

**Table 1 Changes in This Document**

Chapter	Version	Changes
All	5.00	Revised all directory paths. The default directory paths for CM products have been revised to: <ul style="list-style-type: none"><li>• Program Files\Hewlett-Packard\CM (Windows)</li></ul> And... <ul style="list-style-type: none"><li>• HP/CM (UNIX)</li></ul>
All	5.00	Removed all references to user interfaces; there is no graphical “configurator” in this version of CM-DCS.
Chapter 2	5.00	Removed the section, CM Distributed Configuration Server Processing, because the CM-DCS configuration and synchronization processes are non-interactive in this version of CM-DCS.
Chapter 3	5.00	Updated this chapter to include the new installation steps that were introduced in this version of CM-DCS.
Chapter 4	5.00	Removed most of the information from Chapter 5, Setting up a Distributed Configuration Server Synchronization, because it pertained to GUI-configuration procedures. The information that is still relevant was combined with Chapter 4, Distributed Configuration Server Security. The result is a revised Chapter 4, <a href="#">The EDMPROF File and CM DCS Security</a> .
Chapter 5	5.00	Removed most of the information from Chapter 6, Configuring Distributed Configuration Server Options, because it pertained

<b>Chapter</b>	<b>Version</b>	<b>Changes</b>
		to GUI-configuration procedures. The information that is still relevant was combined with Chapter 7, Distributed Configuration Server's DMABATCH. The result is a revised Chapter 5, CM Distributed Configuration Server Options and DMABATCH.
Appendix A	5.00	Removed information that is not relevant to this release. This includes version 4.6 messages and logs, and EDMAMS information.

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# 1 Introduction

At the end of this chapter, you will have had the opportunity to:

- Preview which chapters contain which information about the various aspects of the HP OpenView Configuration Management Distributed Configuration Server (CM Distributed Configuration Server).
- Become familiar with some of the terminology that is specific to CM Distributed Configuration Server (CM-DCS).





















## Domain Naming Considerations

To minimize the likelihood of synchronization problems, consider the following points when creating domain names and configuring synchronizations.

- A CM Configuration Server cannot contain two domains with the same name.
- A CM Configuration Server cannot obtain one of its self-owned domains from a CM Configuration Server that foreign-owns the domain. For example, MGR\_001 cannot receive from another CM Configuration Server any domain for which it (MGR\_001) is listed as the owning MGR\_ID.



The version that is resident at the owner is always considered the current and correct copy.

Its contents will always supersede and replace any changes introduced by other CM Configuration Servers.

## One Owner vs. Multiple Owners

When planning domain ownership, it is helpful to consider whether to assign the proprietorship of all the domains to one CM Configuration Server, thereby centralizing control; or to disperse control by establishing domain ownership at several CM Configuration Servers at various, strategic points across the enterprise.

The tables in this section detail the advantages and disadvantages of each method. For additional planning considerations, see [CM Distributed Configuration Server Planning](#), starting on page 25.

### One Owning CM Configuration Server

Table 4 lists the benefits and drawbacks of one CM Configuration Server owning all the domains.

**Table 4 One domain-owning CM Configuration Server**

Advantages	Disadvantages
Control of all applications, access rules, and users	Central control might make the database very large, depending on the organization and structure













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## 3 Installing the CM Distributed Configuration Server

At the end of this chapter, you will have had the opportunity to:

- Install the CM Distributed Configuration Server (CM-DCS) **Source** component.
- Install the CM Distributed Configuration Server **Destination** component.































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## 4 The EDMPROF File and CM DCS Security

At the end of this chapter, you will have had the opportunity to:

- Review the CM Configuration Server *edmprof file* sections and settings that are relevant to CM Distributed Configuration Server operations.
- Set up *password protection* for CM Distributed Configuration Server synchronizations.











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## 5 CM Distributed Configuration Server Options and DMABATCH

At the end of this chapter, you will have had the opportunity to learn more about:

- The CM Distributed Configuration Server configuration file, `dmabatch.rc`.
- The DMABATCH synchronization message variable, `BATCHMSG`, and the return-code variable, `BATCHRC`.
- The DMABATCH command-line arguments that can be used in a script.









































## B Product Name Changes

If you have used Radia in the past, and are not yet familiar with the newly rebranded HP terms and product names, Table 14 below will help you identify naming changes that have been applied to the Radia brand.

**Table 14 Product Name and Term Changes**

<b>New Name/Term</b>	<b>Old Name/Term</b>
CM agents	Radia clients
HP OpenView Configuration Administrator	Radia Administrator Workstation
HP OpenView Configuration Management	Radia
HP OpenView Configuration Management Configuration Server	Radia Configuration Server, RCS
HP OpenView Configuration Management Distributed Configuration Server	Radia Distributed Configuration Server, Radia DCS, DMA
HP OpenView Configuration Management Configuration Server Database	Radia Configuration Server Database, Radia Database
HP OpenView Configuration Management Policy Server	Radia Policy Manager, Radia Policy Server, RPS
HP OpenView Configuration Management Proxy Server	Radia Proxy Server



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