



About This Guide

This preface briefly describes what this guide is about, who it is for, and how to read it.

- [Is this guide for me?](#)—It is for network operation and management staff of various levels of experience and responsibility who wish to create, revise, update, and manage physical and virtual cloud networks using OverDrive technology.
- [What is this guide about?](#)—It explains how to create and manage configured network equipment, and how to deploy virtual compute and storage resources to fulfill business needs. OverDrive tools for this include the Command Center, the Cloud Configurator, and the Cloud Orchestration Manager, as presented in this guide.
- [How is this guide organized?](#)—By OverDrive tool (command center, configurator, and manager). For the command center, topics proceed step-wise from fairly simple tasks and use cases to more powerful ones.
- [What other documentation do I need?](#)—To install OverDrive and bring up the command center, see *Installing OverDrive*; for an overview or introduction to OverDrive, see *Introducing OverDrive*; to write metamodels, see *OverDrive Metamodels*.

Is this guide for me?

This guide is designed for hands-on admins who will be managing and operating parts of generally large-scale networks, whether physical or virtual. You should be able to:

- Explain what you are doing, with reference as needed to the *Introducing OverDrive* guide, to other types of users.
- Modify the installation and configuration of your network, by using the OverDrive tools described here to configure the clouds, hardware, and software and their interactions with the operational environment, including LDAP, switches, routers, and so on.
- Deploy virtual resources in response your business needs, as you express them in the business policies that OverDrive will implement for you.
- Configure (and manage) clouds and subclouds, and VMs within them, that you or admins of your choosing make available to end users.

In general, this guide addresses two kinds of users:

- The OverDrive administrator who configures the network, policies, and so on, using the command center and the configurator.
- The vCOM user who creates VMs or subclouds

What is this guide about?

This guide explains how to use the OverDrive client applications to accomplish network management goals such as designing and implementing a network, creating and managing the configuration of network equipment, and deploying virtual resources in response to change and growth in your business needs.

It is task- and use-case-oriented, as opposed to the concept-oriented introductory guide listed in the [“What other documentation do I need?”](#) section.

How is this guide organized?

OverDrive can be used to manage a variety of installation types. Three broad types of deployment can be used either separately or in concert to manage user access within and between sites: site-to-site VPNs, network access control within a site, and cloud management.

This document is organized in general according to these three types of deployment that correspond to specific OverDrive user interfaces, as follows:

- The Command Center, which you use to model a network, including its business policies, network access policies and the like.
- Modeling simple, site-to-site, peer-to-peer networks involving only two computers: Chapter 1, “Creating a simple site-to-site network” and Chapter 2, “Setting up intra-site network access”
- Modeling hub-and-spoke networks involving client-server access and then bi-directional access such as for branch offices: Chapter 3, “Controlling intra-site network access”
- Modeling full-mesh networks in which resources can connect to all other resources: Chapter 4, “Controlling intra-site business access”
- Cloud Configurator, for configuring and managing a cloud of virtual computers: Chapter 5, “Configuring clouds”
- Cloud Orchestration Manager, which you and your assignees, other admins, and end-users, use to deploy virtual computers (VMs): Chapter 6, “Enabling VMs”

You can also access this information by installation or deployment type as follows:

- Site-to-site VPN deployment: Chapter 1, “Creating a simple site-to-site network” — sites, local resources, router, policies, applications (ports and protocols)
- Network access control with a site: Chapter 2, “Setting up intra-site network access” through Chapter 3, “Controlling intra-site network access” — network identities, VLANs, switches, RADIUS and Samba, policies, local resources, applications (ports and protocols)
- Cloud management: Chapter 5, “Configuring clouds” and Chapter 7, “Enabling VMs” — clouds, sites, VMs (most other objects come into play but are mostly automatically provisioned)



Note

In general, each of Chapters 1 through 4 provides successive iterations through the Command Center UI. The best suggested reading path is through these chapters in sequence. Note also that the organization is by scenario or use case. The first appendix presents common tasks that are used by many or most of the scenarios in the body of this guide.

Appendices present:

- FAQs
- Troubleshooting suggestions
- Glossary of terms and abbreviations
- Index

What other documentation do I need?

The following documents may be useful to you:

- *Introducing Cisco OverDrive 4.0*, describing the OverDrive product, its concepts and architecture. This guide provides a common background that all users, installation experts, and network admins are expected to know or be able to reference.
- *Cisco OverDrive 4.0 Providing VMs Guide*, describes how users to create, power up or down, and remove VMs to be used by people in their group, department, or customer base.

Conventions

This document uses the following conventions:

Item	Convention
Commands and keywords	boldface font
Variables for which you supply values	<i>italic</i> font
Displayed session and system information	<code>screen</code> font
Information you enter	boldface screen font
Variables you enter	<i>italic screen</i> font
Menu items and button names	boldface font



Note

Means *reader take note*. Notes contain helpful suggestions or references to material not covered in the publication.



Caution

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.



Warning

This symbol means danger. You are in a situation that could cause bodily injury.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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