



## CHAPTER 7

# Getting Started with Configuration

---

**Revised June 30, 2011**

Before configuring the Cisco TelePresence Exchange System, there are a number of supporting network systems that you must configure to allow proper operation of the Cisco TelePresence Exchange Solution. The following sections address these network preparations:

- [Prerequisites for Configuring the Cisco TelePresence Exchange System, page 7-1](#)
- [Configuration Task Sequences, page 7-2](#)

## Prerequisites for Configuring the Cisco TelePresence Exchange System

Before configuring the Cisco TelePresence Exchange System, ensure that you complete the following prerequisite tasks:

- Install and configure a Cisco Unified Communications Manager.  
For additional information, see the [“Configuring Cisco Unified Communications Manager”](#) chapter.
- Install and configure a Cisco router with integrated video response (IVR) capabilities.  
For additional information, see the [“Configuring the Cisco Router with IVR”](#) chapter.
- Install and configure a Cisco Application Control Engine (ACE).  
For additional information, see the [“Configuring the Cisco Application Control Engine”](#) section on [page 15-3](#).
- Install and configure a Cisco TelePresence Multipoint Switch.  
For additional information, see the [“Configuring System Settings”](#) section on [page 16-1](#).
- Install and configure a Cisco TelePresence Manager.  
For additional information, see the [“Configuring Cisco TelePresence Manager”](#) chapter.
- Install and configure a Cisco router to function as a SBC.  
For additional information, see the [“Configuring Cisco Session Border Controllers”](#) chapter.
- (Optional) Install and configure a Cisco TelePresence MSE 8000 Series system.  
For additional information, see the [“Configuring Cisco TelePresence MSE 8000 Series Settings”](#) section on [page 21-2](#).
- Install and configure a Cisco Catalyst Switch that provides Layer 2/ 3 connectivity for the Cisco TelePresence Exchange System and the other Cisco platforms.

# Configuration Task Sequences

As dependencies exist between some configuration tasks, Cisco recommends that you do the configuration procedures in the order presented in the following sections:

- [Adding a Service Provider or Region, page 7-2](#)
- [Configuring the Meet-Me Service, page 7-2](#)
- [Configuring the Direct Dial Service, page 7-3](#)
- [Connecting to a Remote Service Provider, page 7-3](#)
- [Configuring Interoperability with Cisco TelePresence MSE 8000 Series, page 7-3](#)

## Adding a Service Provider or Region

For the initial configuration of the Cisco TelePresence Exchange System (or when adding a new service provider or region), do the configuration procedures in the following order:

1. Create the service provider.
2. Define a region for the service provider.
3. Configure IVR resources for the region.
4. Configure the CTMS resource.
5. (Optional) Configure the Cisco TelePresence MSE 8000 Series resources that are required for inter-working with H.323 and ISDN standards-based endpoints.
6. Configure the Cisco TelePresence Manager resource, which is only required when the Cisco TelePresence Exchange System hosts endpoints for this organization.
7. Configure the SIP resource, which is required only for the direct dial service.
8. Configure the cluster nodes, which is required for the licensing server and the call details records (CDR) service.
9. Verify that the required product licenses are active.

## Configuring the Meet-Me Service

**Note**

---

You must define a service provider and region before you can configure Meet-Me service components.

---

To configure the Meet-Me service, do the configuration procedures in the following order:

1. Configure the IVR prompts.
2. Configure the service number.
3. Configure the organizations.
4. Synchronize the provisioned endpoints from Cisco TelePresence Manager and assign an organization to each endpoint.

## Configuring the Direct Dial Service

To configure Meet-Me service, do the configuration procedures in the following order:

1. Configure a route for each organization.
2. Configure the endpoints.
3. Configure the adjacencies on the SBC.

## Connecting to a Remote Service Provider

**Note**

---

Direct dial service is not supported for remote service providers.

---

To configure connectivity to a remote service provider, do the configuration procedures in the following order:

1. Configure a route for the service provider.
2. Configure a dial pattern for the service provider.

## Configuring Interoperability with Cisco TelePresence MSE 8000 Series

To configure inter-working functionality, do the configuration procedures in the following order:

1. Configure the Cisco TelePresence MSE 8000 Series supervisor module and optional service modules.
2. Configure the SBC to accommodate the Cisco VCS.

