



# CHAPTER 7

## Optimize

---

### Optimizing Your System

Optimization covers any changes to an existing system, including hardware and software upgrades, that enhance the functionality and performance of your network.

Collecting and analyzing data from your system's performance reports will provide crucial information for optimizing your system. By maintaining the routine system management procedures that you set up for your operations lifecycle, you will know when your traffic load increases, and when to increase your capacity.



**Tip**

---

You can navigate to any topic on this tab by using the tab navigation pane at the left of the content pane. This navigation pane contains the table of contents (TOC) for the active tab.

---

#### **Input to This Process**

Your network has been operational for some period of time and is ready to optimize based on system performance criteria. Your daily operations and growing business needs provide continuous feedback for optimization.

#### **Output of This Process**

User feedback, audits, and test results provide data to continue optimizing the system.

#### **Major Tasks in This Process**

- [Performing a System Upgrade](#)

### Performing a System Upgrade

See [Plan and Prepare for Your System Upgrade](#) on the Plan tab to plan your overall strategy.

#### Upgrade Enterprise Software Components


Once you have your upgrade plan and preparations in place, perform your system upgrade following the guidelines and sequence in [Upgrading Enterprise Components](#):

- See [Enterprise Deployment Models](#) for the general upgrade sequence for the various components in the different deployment models, including Enterprise Single Site, Enterprise Multisite Centralized and SRST, and Enterprise Multisite WAN Distributed.
- See [Upgrading Enterprise Components](#) for system-level upgrade procedures for each major upgrade strategy: single-stage system upgrade, multistaged system upgrade, and multistaged migration upgrade.

For related documentation on compatibility and component upgrades, see these topics:

- [Compatibility Guides](#)
- [Component Release Notes and Installation and Upgrade Documentation](#)

## Additional Sites and Services

Steps to Success is a Cisco methodology that outlines the tasks required to complete a successful customer engagement. Registered users can visit the [Steps to Success](#)  resource site for Cisco Unified Communications process flows.

Cisco Unified Communications Services is a Cisco service offering that provides engineering expertise and best practices.

- Registered users can visit the [Cisco Unified Communications Services](#)  partner site.
- Nonregistered users can visit the [Cisco Unified Communications Services](#) site.