Overview

About this Guide

This guide provides step-by-step instructions on how to physically install and power up the Cisco 3355 Mobility Services Engine.

Details on running the automatic installation script and the required information for that installation script are also provided.

After installation and power up is complete, refer to the following documents for additional information on the Cisco 3355 Mobility Services Engine:

- For detailed software configuration information, refer to the appropriate mobility services configuration guide.
- For detailed feature support and compatibility information, refer to the latest release notes for the Cisco 3300 Series Mobility Services Engine.
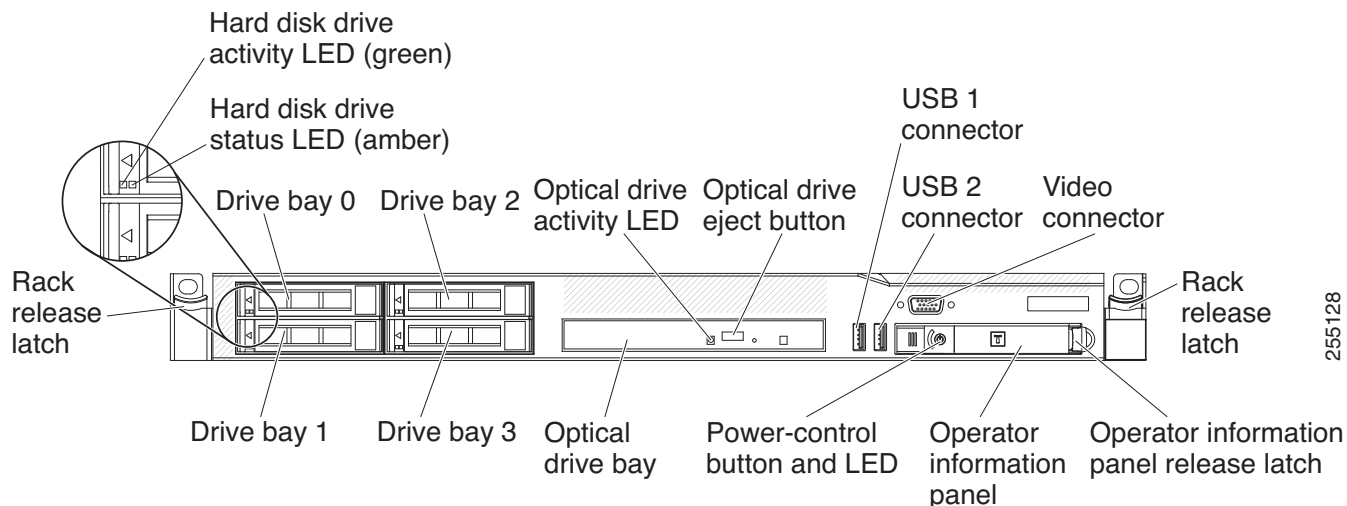
These documents are available on Cisco.com. Follow these steps to access these documents:

Step 1 Browse to http://www.cisco.com.

Step 2 Click **Support**. A new window appears.

Step 3 Click **Wireless** under Find Product Support. The Select Your Product or Technology page appears.

Step 4 Enter **Cisco 3300** in the Find field and click **Find**.

Step 5 Click the **Cisco 3300 Series Mobility Services Engine** link. The Cisco 3300 Series Mobility Services Engine Introduction page appears.

Step 6 Choose the appropriate link for the documentation you want to view or download.

Cisco 3355 Mobility Services Engine

This Getting Started Guide contains information and instructions for setting up your Cisco 3355 Mobility Services Engine and instructions for cabling and configuring the mobility services engine (MSE). For diagnostics and troubleshooting information, see diagnostics and troubleshooting tables, Table 2-1 on page 2-18 and Table 2-2 on page 2-23.

Figure 1-1   *Cisco 3355 Mobility Services Engine*

What is in the Cisco 3355 Mobility Services Engine

The following sections describe the features and technologies used by the Cisco 3355 Mobility Services Engine.

Integrated Management Module

The Integrated Management Module (IMM) combines service processor functions. The IMM provides advanced service-processor control, monitoring, and alerting function. If an environmental condition exceeds a threshold or if a system component fails, the IMM lights LEDs to help you diagnose the problem, records the error in the event log, and alerts you to the problem. The IMM provides remote server management through the following industry-standard interfaces:

- Simple Network Management Protocol (SNMP) version 3
- Web browser

For additional information, see the *Integrated Management Module User Guide*.

Light path diagnostics

Light path diagnostics provides LEDs to help you diagnose problems. For more information about the light path diagnostics, see Light Path Diagnostics Panel, page 2-16.

General Warnings, Regulatory and Safety

Conventions

Safety warnings appear throughout this guide in procedures that may harm you if performed incorrectly. A warning symbol precedes each warning statement. Specific warnings are included in the sections to which they apply.

Warning   **This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device. Statement 1071 SAVE THESE INSTRUCTIONS**

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

Warnings

The warnings below are general warnings that are applicable to the entire guide. Specific warnings are included in the sections to which they apply.

Warning   **There is the danger of explosion if the battery is replaced incorrectly. Replace the battery only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions. Statement 1015**

Warning   **This equipment must be grounded. Never defeat the ground conductor or operate the equipment in the absence of a suitably installed ground conductor. Contact the appropriate electrical inspection authority or an electrician if you are uncertain that suitable grounding is available. Statement 1024**

Warning   **Read the installation instructions before connecting the system to the power source. Statement 1004**

Warning   **Only trained and qualified personnel should be allowed to install, replace, or service this equipment. Statement 1030**

Warning   **Ultimate disposal of this product should be handled according to all national laws and regulations. Statement 1040**

Regulatory and Safety

Note   Refer to Appendix A for translated safety information for the Cisco 3355 Mobility Services Engine.

Note   Refer to Appendix B for regulatory information for the Cisco 3355 Mobility Services Engine.