



## Preface

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This preface describes the purpose of the *Cisco 3310 Mobility Services Engine Getting Started Guide*, who should read it, how it is organized, and its document conventions.

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## Purpose

This guide explains how to prepare your site for installation, how to install a Cisco 3310 Mobility Services Engine (hereafter called the *mobility services engine*) in an equipment rack, and power up the mobility services engine.

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

After installation, power up, and initial configuration are complete, refer to the following documents:

- For detailed software configuration information, refer to the *Cisco Context Aware Software Configuration Guide* (see the “[Related Documentation](#)” section).
- For feature support and compatibility information, refer to the latest release notes for the mobility services engine (see the “[Related Documentation](#)” section).

## Audience

This manual is written for system technicians who are responsible for installing, configuring, and troubleshooting the mobility services engine.

# Organization

This guide includes the following sections:

[Chapter 1, “Cisco 3310 Mobility Services Engine Overview,”](#) provides a basic functional overview of the mobility services engine and describes the hardware, major components, and the front and back panel indicators and controls.

[Chapter 2, “Preparing for Installation,”](#) contains important safety information you should know before working with the mobility services engine.

[Chapter 4, “Rack Mounting,”](#) provides procedures for installing rail hardware on the mobility services engine and mounting the unit in a four-post rack.

[Chapter 5, “Initial Configuration,”](#) This chapter provides procedures to power up and initially configure the mobility services engine.

[Chapter A, “System Specifications,”](#) provides information about cabling, power supply voltages, and environmental specifications for the mobility services engine.

[Appendix B, “Troubleshooting,”](#) provides information to help you identify and solve problems that might occur while you are using the mobility services engine.

# Conventions

This publication uses these conventions to convey instructions and information:

Command descriptions use these conventions:

- Commands and keywords are in boldface text.
- Arguments for which you supply values are in italic.
- Square brackets ([ ]) mean optional elements.
- Braces ( { } ) group required choices, and vertical bars ( | ) separate the alternative elements.
- Braces and vertical bars within square brackets ( [ { | } ] ) mean a required choice within an optional element.

Interactive examples use these conventions:

- Terminal sessions and system displays are in `screen` font.
- Information you enter is in **boldface screen** font.
- Non-printing characters, such as passwords or tabs, are in angle brackets (< >).

Notes, cautions, and timesavers use these conventions and symbols:



**Tip**

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Means the following will help you solve a problem. The tips information might not be troubleshooting or even an action, but could be useful information.

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**Note**

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Means reader take note. Notes contain helpful suggestions or references to materials not contained in this manual.

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**Caution**

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

**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. (To see translations of the warnings that appear in this publication, refer to the appendix "Translated Safety Warnings.")

**Waarschuwing**

Dit waarschuwingssymbool betekent gevaar. U verkeert in een situatie die lichamelijk letsel kan veroorzaken. Voordat u aan enige apparatuur gaat werken, dient u zich bewust te zijn van de bij elektrische schakelingen betrokken risico's en dient u op de hoogte te zijn van standaard maatregelen om ongelukken te voorkomen. (Voor vertalingen van de waarschuwingen die in deze publicatie verschijnen, kunt u het aanhangsel "Translated Safety Warnings" (Vertalingen van veiligheidsvoorschriften) raadplegen.)

**Varoitus**

Tämä varoitusmerkki merkitsee vaaraa. Olet tilanteessa, joka voi johtaa ruumiinvammaan. Ennen kuin työskentelet minkään laitteiston parissa, ota selvää sähkökytkentöihin liittyvistä vaaroista ja tavanomaisista onnettomuuksien ehkäisykeinoista. (Tässä julkaisussa esiintyvien varoitusten käännökset löydät liitteestä "Translated Safety Warnings" (käännetyt turvallisuutta koskevat varoitukset).)

**Attention**

Ce symbole d'avertissement indique un danger. Vous vous trouvez dans une situation pouvant entraîner des blessures. Avant d'accéder à cet équipement, soyez conscient des dangers posés par les circuits électriques et familiarisez-vous avec les procédures courantes de prévention des accidents. Pour obtenir les traductions des mises en garde figurant dans cette publication, veuillez consulter l'annexe intitulée « Translated Safety Warnings » (Traduction des avis de sécurité).

**Warnung**

Dieses Warnsymbol bedeutet Gefahr. Sie befinden sich in einer Situation, die zu einer Körperverletzung führen könnte. Bevor Sie mit der Arbeit an irgendeinem Gerät beginnen, seien Sie sich der mit elektrischen Stromkreisen verbundenen Gefahren und der Standardpraktiken zur Vermeidung von Unfällen bewusst. (Übersetzungen der in dieser Veröffentlichung enthaltenen Warnhinweise finden Sie im Anhang mit dem Titel "Translated Safety Warnings" (Übersetzung der Warnhinweise).)

**Avvertenza**

Questo simbolo di avvertenza indica un pericolo. Si è in una situazione che può causare infortuni. Prima di lavorare su qualsiasi apparecchiatura, occorre conoscere i pericoli relativi ai circuiti elettrici ed essere al corrente delle pratiche standard per la prevenzione di incidenti. La traduzione delle avvertenze riportate in questa pubblicazione si trova nell'appendice, "Translated Safety Warnings" (Traduzione delle avvertenze di sicurezza).

**Advarsel**

Dette varselsymbolet betyr fare. Du befinner deg i en situasjon som kan føre til personskade. Før du utfører arbeid på utstyr, må du være oppmerksom på de faremomentene som elektriske kretser innebærer, samt gjøre deg kjent med vanlig praksis når det gjelder å unngå ulykker. (Hvis du vil se oversettelser av de advarslene som finnes i denne publikasjonen, kan du se i vedlegget "Translated Safety Warnings" [Oversatte sikkerhetsadvarsler].)

**Aviso** Este símbolo de aviso indica perigo. Encontra-se numa situação que lhe poderá causar danos físicos. Antes de começar a trabalhar com qualquer equipamento, familiarize-se com os perigos relacionados com circuitos eléctricos, e com quaisquer práticas comuns que possam prevenir possíveis acidentes. (Para ver as traduções dos avisos que constam desta publicação, consulte o apêndice "Translated Safety Warnings" - "Traduções dos Avisos de Segurança").

**¡Advertencia!** Este símbolo de aviso significa peligro. Existe riesgo para su integridad física. Antes de manipular cualquier equipo, considerar los riesgos que entraña la corriente eléctrica y familiarizarse con los procedimientos estándar de prevención de accidentes. (Para ver traducciones de las advertencias que aparecen en esta publicación, consultar el apéndice titulado "Translated Safety Warnings.")

**Varning!** Denna varningssymbol signalerar fara. Du befinner dig i en situation som kan leda till personskada. Innan du utför arbete på någon utrustning måste du vara medveten om farorna med elkretsar och känna till vanligt förfarande för att förebygga skador. (Se förklaringar av de varningar som förekommer i denna publikation i appendix "Translated Safety Warnings" [Översatta säkerhetsvarningar].)

## Related Documentation

The mobility services engine documentation set includes the following documents:

- *Cisco 3310 Mobility Services Engine Getting Started Guide*
- *Regulatory Safety and Compliance Information for the Cisco 3310 Mobility Services Engine*
- *Release Notes for the Cisco 3310 Mobility Services Engine*
- *Cisco Context Aware Software Configuration Guide*
- *Cisco Mobile Intelligent Roaming Configuration Guide*
- *Cisco Wireless Intrusion Protection Service Configuration Guide*

Follow these steps to find these documents on Cisco.com:

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- Step 1** Browse to <http://www.cisco.com>.
  - Step 2** Click **Support**. A new window appears.
  - Step 3** Click **Wireless** under View Information by Product Type. The Select Your Product or Technology page appears.
  - Step 4** In the Search for a Specific Product field, enter **Cisco 3300** and click **Go**.
  - Step 5** Click the link displayed. The Cisco 3300 Introduction page appears.
  - Step 6** Choose the appropriate link for the documentation you want to view or download.
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## 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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