



Preface

This preface describes the objectives and organization of this document and explains how to find additional information on related products and services. It contains the following sections:

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Document Objectives

This guide describes the steps necessary to install and configure the Cisco Media Gateway Controller (Cisco MGC) Software Release 9.1 to 9.6, the Sun Solaris operating system on the Cisco MGC host, and the Solstice DiskSuite on the Netra t and Sun Fire platforms.



Note

This guide does not cover media gateway (MGW) or hardware installation. For instructions on installing these components, see the *Cisco Media Gateway Controller Hardware Installation Guide*.

Audience

The audience of this document is network operators and administrators. This audience is assumed to have experience in telecommunications networks, protocols, and equipment, and a familiarity with data communications networks, protocols, and equipment.

This guide attempts to show all the commands needed to perform the installation and configuration of the software. The installer is assumed to be familiar with UNIX, vi, or other text editors, and the command line interface for Cisco switches and routers.

Document Conventions

This guide uses the conventions listed in Table 1 to represent text and table information.

Table 1 Document Conventions

Convention	Meaning	Example and Comments
Boldface	Commands and keywords you enter literally as shown	offset-list
<i>Italics</i>	Variables for which you supply values	command <i>type interface</i> You replace the variable with the type of interface. In contexts that do not allow italics, such as online help, arguments are enclosed in angle brackets (<>).
Square brackets ([])	Optional elements	command [abc] abc is optional (not required), but you can choose it.
Vertical bars ()	Separated alternative elements	command [abc def] You can choose either abc or def, or neither, but not both.
Braces ({ })	Required choices	command { abc def } You must use either abc or def, but not both.
Braces and vertical bars within square brackets ([{ }])	A required choice within an optional element	command [abc { def ghi }] You have three options: <ul style="list-style-type: none"> • nothing • abc def • abc ghi
Caret character (^)	Control key	The key combinations ^D and Ctrl-D are equivalent: Both mean hold down the Control key while you press the D key. Keys are indicated in capital letters, but are not case sensitive.
A string	A nonquoted set of characters	For example, when setting an SNMP community string to <i>public</i> , do not use quotation marks around the string; otherwise, the string will include the quotation marks.
System prompts	Denotes interactive sessions and indicates that the user enters commands at the prompt	The system prompt indicates the current command mode. For example, the prompt Router (config) # indicates global configuration mode.

Table 1 Document Conventions (continued)

Convention	Meaning	Example and Comments
Screen font	Terminal sessions and information the system displays	For example: Save
Angle brackets (< >)	Nonprinting characters such as passwords	For example: <password>
Exclamation point (!) at the beginning of a line	A comment line	Comments are sometimes displayed by the Cisco IOS software.

**Note**

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

**Timesaver**

Means the *described action saves time*. You can save time by performing the action described in the paragraph.

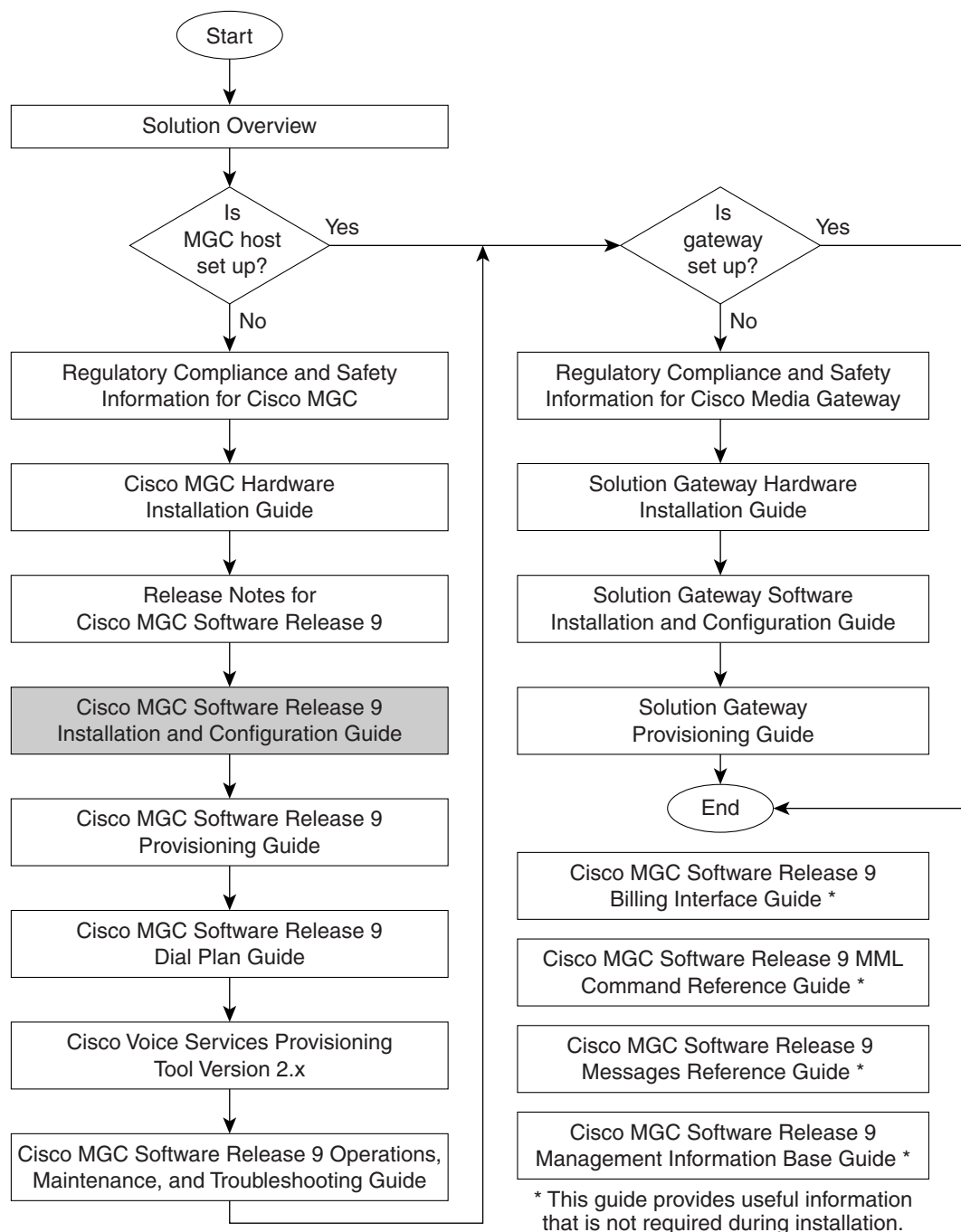
**Tip**

Means *the following information might help you solve a problem*. The Tips information might not be for troubleshooting or even an action, but it could be useful information, similar to a Timesaver.

**Caution**

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

Documentation Map



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Related Documentation

Other useful reference publications include:

- Overviews of the related telephony solutions—Describe the Cisco Integrated Network Solutions with which the Cisco MGC node is associated.
- Provisioning guides for the related telephony solutions—Describe the provisioning steps for the Cisco Integrated Network Solutions with which the Cisco MGC node is associated
- Solution gateway installation and configuration guides—Describe how to install and configure the media gateway (MGW) for a particular Cisco Integrated Network Solution.
- *Release Notes for the Cisco Media Gateway Controller Software Release 9*—Describes the features and caveats in the latest version of the Cisco MGC software release.
- *Cisco Signaling Link Terminal*—Describes the Cisco Signaling Link Terminal (Cisco SLT) and provides configuration information.



Note

Documentation for the Cisco Integrated Network Solutions are located at <http://www.cisco.com/univercd/cc/td/doc/solution/index.htm>.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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>

Document Change History

Subject	Document #, Change Date	Change Summary
Appendix C: XECfgParm.dat Parameters	OL-1150-15, March 17, 2006	<ul style="list-style-type: none"> • Added descriptions for the *.AllISDNLinksFailCausesFailover and *.AllLinksFailCausesFailover parameters.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-15, March 17, 2006	<ul style="list-style-type: none"> • Add a note about having to copy the <code>snmpd.cnf.tmpl</code> to the <code>snmp.cnf</code> file before running the <code>config-snmp</code> utility for new installations of Release 9.6(1)
Chapter 1: Preparing for Sun Solaris 8 Operating System and Cisco MGC Software Installation	OL-1150-14, February 17, 2006	<ul style="list-style-type: none"> • Added changes related to the introduction of the Sun Sun Fire V210 as platforms for the Cisco MGC software.

Subject	Document #, Change Date	Change Summary
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-14, February 17, 2006	<ul style="list-style-type: none"> Added changes related to the introduction of the Sun Sun Fire V210 as platforms for the Cisco MGC software.
Chapter 3: Cisco MGC Software Release 9 Installation	OL-1150-14, February 17, 2005	<ul style="list-style-type: none"> Added changes related to the introduction of the Sun Sun Fire V210 and as platforms for the Cisco MGC software.
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-14, December 29, 2005	<ul style="list-style-type: none"> Corrected response information for Step 2 of the <i>Rebooting from Mirrored (Secondary) Disk</i> procedure.
Chapter 6: Upgrading the Cisco MGC Software	OL-1150-14, December 29, 2005	<ul style="list-style-type: none"> Added Caution against adding provisioning data to your system during the upgrade process. Added information on stopping and restarting database replication when upgrading to Release 9.6(x). Added Caution about using config-lib tool to copy old XECfgParm.dat data to make new production version of the file. Modified instructions to make a copy of the snmpd.cnf file to indicate that this step is only necessary for upgrades from Release 7.4(x)
Appendix C: XECfgParm.dat File Parameters	OL-1150-14, December 29, 2005	<ul style="list-style-type: none"> Corrected information for the engine.ShortDurationCallPeriod parameter.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-14, August 4, 2005	<ul style="list-style-type: none"> Added notes detailing the messages related to Solaris Disk Suite startup that would occur when a system is rebooted. Added information to expand on the information on database replication.
Chapter 6: Upgrading the Cisco MGC Software	OL-1150-14, August 4, 2005	<ul style="list-style-type: none"> Corrected links for the Check for Mated STP Pairs section. Updated upgrade procedures for the new version of the TimesTen database used in Release 9.6(x).
Appendix B: Migrating to Solaris 8 and Cisco MGC 9.2(2)	OL-1150-14, August 4, 2005	<ul style="list-style-type: none"> Added text to verify whether there is a 32-bit kernel running on the existing host prior to upgrade.
Appendix C: XECfgParm.dat File Parameters	OL-1150-14, August 4, 2005	<p>Added definitions for these parameters new for Release 9.6(1):</p> <ul style="list-style-type: none"> *.maxLocationLabels engine.CallLimitingControl. <p>Added definitions for several parameters added in previously releases that were missing.</p>
Chapter 3: Cisco MGC Software Release 9 Installation	OL-1150-13, May 16, 2005	<p>Modified the procedure to install the CSCOh013 package.</p> <p>Added a step to modify the XECfgParm.dat parameter diskmonitor.CoreRmDays.</p>

Subject	Document #, Change Date	Change Summary
Chapter 4: Cisco PGW 2200 Security Enhancements	OL-1150-13, May 16, 2005	Modified the procedure to install the CSCOX9000 package.
Appendix C: XECfgParm.dat File Parameters	OL-1150-13, May 16, 2005	Corrected the definitions for the XECfgParm.dat parameters DefaultLocation and ClearingLocation. Corrected the definitions for the XECfgParm.dat parameters diskmonitor.CdrRmFinished and diskmonitor.OptFileSys. Added a definition for the XECfgParm.dat parameter diskmonitor.CoreRmDays.
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-13, March 25, 2005	<ul style="list-style-type: none"> Corrected values in a partition table. Clarified information on command parameters for adding a second Ethernet interface. Added a caution statement about the configuration of the Solaris environment and the use of the Cisco VSPT and the Cisco MGC software on the same server. Added notes detailing the messages related to Solaris Disk Suite startup that would occur when a system is rebooted.
Chapter 3: Cisco MGC Software Release 9 Installation	OL-1150-13, March 25, 2005	<ul style="list-style-type: none"> Added notes detailing the messages related to Solaris Disk Suite startup that would occur when a system is rebooted. Corrected errors in the procedure to install CSCOh013. Corrected errors in the procedure to install CSCOh014.
Chapter 4: Cisco PGW 2200 Security Enhancements	OL-1150-13, March 25, 2005	<ul style="list-style-type: none"> Added notes detailing the messages related to Solaris Disk Suite startup that would occur when a system is rebooted.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-13, March 25, 2005	<ul style="list-style-type: none"> Added notes detailing the messages related to Solaris Disk Suite startup that would occur when a system is rebooted.
Appendix B: Migrating to Solaris 8 and Cisco MGC 9.2(2)	OL-1150-13, March 25, 2005	<ul style="list-style-type: none"> Added notes detailing the messages related to Solaris Disk Suite startup that would occur when a system is rebooted.
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-13, January 31, 2005	<ul style="list-style-type: none"> Corrected values in a partition table.
Chapter 4: Cisco PGW 2200 Security Enhancements	OL-1150-13, January 31, 2005	<ul style="list-style-type: none"> Modified the Fallback procedure for the Cisco MGC software.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-13, January 31, 2005	<ul style="list-style-type: none"> Added information on the new engine parameter, engine.SendHardwareBlock.
Chapter 6: Upgrading the Cisco MGC Software	OL-1150-13, January 31, 2005	<ul style="list-style-type: none"> Added notes on changes to the snmpd.cnf file triggered by the upgrade process.

Subject	Document #, Change Date	Change Summary
Appendix C: XECfgParm.dat Parameters	OL-1150-13, January 31, 2005	<ul style="list-style-type: none"> Added information on the new engine parameter, engine.SendHardwareBlock.
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-13, November 22, 2004	<ul style="list-style-type: none"> Indicated that the procedures for installing a BAMS disk array are used when the BAMS host is a Netra t 1400/1405.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-13, November 22, 2004	<ul style="list-style-type: none"> Corrected value in Table 5-9 for the *.sm_meas_baseaddr parameter. Updated various parameter values related to the changes in engine.SysVirtualSwitch for Release 9.4(1) and up.
Chapter 8: Sun Solaris 8 Operating Software Installation	OL-1150-13, November 22, 2004	<ul style="list-style-type: none"> Updated procedures for installing/uninstalling log and spool functions. Corrected information regarding installation of BAMS disk array hardware and software.
Appendix A, “XECfgParm.dat File Parameters”	OL-1150-13, November 22, 2004	<ul style="list-style-type: none"> Corrected value for the *.sm_meas_baseaddr parameter. Corrected value in for the procM.minCheckHealthTimeout parameter. Updated various parameter values related to the changes in engine.SysVirtualSwitch for Release 9.4(1) and up.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-13, September 27, 2004	<ul style="list-style-type: none"> Updated information in Table 5-9 pertaining to the addition of call detail block (CDB) 1071 to engine.CDRmessageTypes.
Appendix A, “XECfgParm.dat File Parameters”	OL-1150-13, September 27, 2004	<ul style="list-style-type: none"> Updated information in Table C-9 pertaining to the addition of call detail block (CDB) 1071 to engine.CDRmessageTypes.
Preface	OL-1150-13, September 23, 2004	<ul style="list-style-type: none"> Updated information in this section.
Chapter 2, “Sun Solaris 8 Operating System Installation”	OL-1150-13, September 17, 2004	<ul style="list-style-type: none"> Updated information in Table 2-2 pertaining to the Ethernet and disk drive devices for each platform type.
Chapter 2, “Sun Solaris 8 Operating System Installation”	OL-1150-13, September 17, 2004	<ul style="list-style-type: none"> Updated the section Configuring a Second Disk Drive to include cautionary note and procedure to ensure compatibility between the CSCOh016 and CSCOh015 software packages if CSCOh015 was previously installed.
Chapter 2, “Sun Solaris 8 Operating System Installation”	OL-1150-13, September 17, 2004	<ul style="list-style-type: none"> Updated the section Installing the Alarm Software to include information that the alarm software is installed automatically on a Netra 240 or Netra 440 platform—the ALOM (Advance Lights Out Management) software for Netra 240 or Netra 440 is integrated within the Solaris 8 OS, Revision 2/04.

Subject	Document #, Change Date	Change Summary
Chapter 1, “Preparing for Sun Solaris Operating System and Cisco MGC Software Installation”	OL-1150-13, August 27, 2004	<ul style="list-style-type: none"> Updated this section to include information for Sun Netra 240 and 440 and support for Solaris 8 OS, Revision 2/04.
Chapter 2, “Sun Solaris 8 Operating System Installation”	OL-1150-13, August 27, 2004	<ul style="list-style-type: none"> Updated partition tables for 73 GB Disks in Chapter 2 to reflect support for BAMS and HSI. Updated Table 2-2, <i>Device Names on Supported Platforms</i>, to include information on the Sun Quad GigaSwift Ethernet interface PCI adaptor card.
Sun Solaris 8 Operating System Installation	OL-1150-13, August 27, 2004	<ul style="list-style-type: none"> Updated this section to include information for Sun Netra 240 and 440.
Cisco MGC Software Release 9 Installation	OL-1150-13, August 27, 2004	<ul style="list-style-type: none"> Updated this section to include information for Sun Netra 240 and 440.
Upgrading the Cisco MGC Software	OL-1150-13, June 14, 2004	<ul style="list-style-type: none"> Revised the chapter to make the upgrade procedures applicable to all versions of Cisco MGC 7.4(x) and 9.x. Information added to “Before You Begin” section regarding upgrading from Cisco MGC 7.4(x) if screening is being used. Note added regarding TimesTen Database not allowing the installation of a new schema.
Cisco MGC Software Release 9 Installation	OL-1150-13, June 14, 2004	<ul style="list-style-type: none"> Removed obsolete protocols from the document.
Chapter 2, “Sun Solaris 8 Operating System Installation”	OL-1150-13, June 14, 2004	<ul style="list-style-type: none"> Added an optional step 2 to the section on “Booting from a Local CD-ROM.” Updated DiskSuite section with a note on the order of installing CSCOh016.
Appendix A, “XECfgParm.dat File Parameters”	OL-1150-13, June 14, 2004	<ul style="list-style-type: none"> Added description of new parameter: SipToIsupInterworkingInd. Added new parameter to turn Lawful Intercept on and off.
Chapter 2, “Sun Solaris 8 Operating System Installation”	OL-1150-13, Jan. 18, 2004	<ul style="list-style-type: none"> Updated “Loading the Solaris 8 Operating System” section on page 4 to clarify support of QFE cards for BAMS platforms only and support of CE NIC cards (GigE) in Cisco MGC software 9.3(2) and later releases.
Chapter 4, “Cisco PGW 2200 Security Enhancements”	OL-1150-13, Jan, 5, 2004	<ul style="list-style-type: none"> Updated “Fallback Procedures” section on page 29.
Appendix C: XECfgParm.dat File Parameters	OL-1150-13, Oct. 2, 2003	<ul style="list-style-type: none"> Updated the descriptions of the following parameters: <ul style="list-style-type: none"> – engine.CDRmessageTypes – engine.CDRtimeStamp

Subject	Document #, Change Date	Change Summary
Chapter 5: Configuring the Cisco MGC Software	OL-1150-13, Oct. 2, 2003	<ul style="list-style-type: none"> • Configuring Call Detail Record File Output section: Updated the descriptions of the following parameters: <ul style="list-style-type: none"> – engine.CDRmessageTypes – engine.CDRtimeStamp
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-13, Oct. 2, 2003	<ul style="list-style-type: none"> • Verifying Network Time Protocol (NTP) Packages section: Added a step to enable slewing to synchronize the local clock with the NTP server reference time.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-13, Sept. 9, 2003	<ul style="list-style-type: none"> • Configuring SNMP Support Resources section: Added procedures for migrating the SNMP configuration to a more secure environment by running the config-snmp utility.
Chapter 5: Configuring the Cisco MGC Software	OL-1150-13, Sept. 9, 2003	<ul style="list-style-type: none"> • Using the Cisco MGC Environment Configuration Tool: Updated the MGC Environment Configuration Tool screen.
Chapter 6: Upgrading the Cisco MGC Software	OL-1150-13, Sept. 9, 2003	<ul style="list-style-type: none"> • Backing Up the Configuration Data section: Added steps for removing a ^M character (in files edited in DOS mode) before starting the upgrade from Cisco MGC 7.4(x). • Added information on BAMS: If the configuration being upgraded to Cisco MGC 9.4(1) includes BAMS, the changes noted in the section “Configuring the Cisco MGC for Using BAMS” of the <i>BAMS User’s Guide</i> must first be re-applied.first re-apply
Chapter 4: Cisco PGW2200 Security Enhancements	OL-1150-13, Sept. 9, 2003	<ul style="list-style-type: none"> • Added new chapter describing the installation of the CSCOk9000 security package.
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-13, April 30, 2003	<ul style="list-style-type: none"> • Updated the section <i>Rebooting from the Mirrored (Secondary) Disk</i> with new procedures.
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-13, April 17, 2003	<ul style="list-style-type: none"> • Updated the Disk Partitioning Tables with HSI disk partitioning information.
Chapter 6: Upgrading the Cisco MGC Software	OL-1150-13, April 17, 2003	<ul style="list-style-type: none"> • Added information on how to upgrade successfully from Cisco MGC 9.2(2) to 9.3(2) if sipURL containing more than 30 characters or Carrier Table is configured in the system.
Appendix D: HP OpenView Sample SNMP Configuration	OL-1150-13, April 17, 2003	<ul style="list-style-type: none"> • In Formatting Trap Messages, Step 2, the user is instructed to select TransPath under Enterprise Name.
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-13, Feb. 28, 2003	<ul style="list-style-type: none"> • Updated the Disk Partitioning Tables with HSI disk partitioning information. • Note added: Sun Netra 20 requires Solaris 8 Rev. 2/02.

Subject	Document #, Change Date	Change Summary
Chapter 3: Cisco MGC Software Releases 9.2(x) and 9.3(x) Installation	OL-1150-13, Feb. 28, 2003	Clarified instructions for installing CSCOh013 security package on a fault tolerant (duplex) system.
Chapter 4: Configuring the Cisco MGC Software	OL-1150-13, Feb. 28, 2003	<ul style="list-style-type: none"> Updated: Table 4-5 (*.stPort entry) to match description in Appendix C, XECfgParm.dat File Parameters. Updated: Added information that database replication can only be stopped by mgcusr and not root.
Chapter 5: Upgrading to Cisco MGC Software Release 9.3(2)	OL-1150-13, Feb. 28, 2003	Added information: Before migrating from Cisco MGC 9.2(2) to 9.3(2), the directory /opt/SW/ must be backed up. The .pkg files must be removed from the /opt/SW/ directory before migrating to 9.3(2).
Chapter 4: Configuring the Cisco MGC Software	OL-1150-13, Jan. 21, 2003	Updated the section <i>Initializing Database Replication</i> : added step 3, to log back in to the standby host as mgcusr.
Chapter 4: Configuring the Cisco MGC Software	OL-1150-13, Jan. 21, 2003	Added information to the section <i>Initializing the Call Screening Database</i> cautioning against using TimesTen commands directly.
Appendix C: XECfgParm.dat File Parameters	OL-1150-13, Jan. 21, 2003	Removed the note stating that the value for the *.disableMeas parameter should not be changed.
Chapter 5: Migrating to Cisco MGC software release 9.3(2)	OL-1150-13, Jan. 14, 2003	Procedures were updated.
Chapter 5: Migrating to Cisco MGC software release 9.3(2)	OL-1150-12, Dec. 9, 2002	New chapter added detailing procedures for upgrading major Cisco MGC software releases without service interruption, such as 7.4(x), 9.1(5), 9.2(2), and 9.3(1)T, to software release 9.3(2).
Chapter 5: Migrating to Cisco MGC software release 9.3(2)	OL-1150-12, Dec. 9, 2002	Procedures added for migrating the dial plan from Cisco MGC software release 7.4(x) to 9.3(2).
Appendix A: Migrating to Cisco MGC 9.3(2)	OL-1150-12, Dec. 9, 2002	Moved chapter on Migrating to Cisco MGC 9.3(1) from Chapter 5 to Appendix A.
Appendix C: XECfgParm.dat	OL-1150-12, Dec. 9, 2002	Added new information and updates for the following XECfgParm.dat parameters: <ul style="list-style-type: none"> engine.StartupAuditEnabled set-log
Chapter 2: Sun Solaris 8 Operating System Installation	OL-1150-12, Dec. 9, 2002	Added description for DiskSuite installation using a script.
Sun Netra 20 (AC & DC) platform information Reduced Configuration Sun Netra 1400 (DC) and 1405 (AC)	OL-1150-11, Nov. 6, 2002	New information added regarding Sun Netra 20, Sun Netra 1400 (DC) and 1405 (AC). Product information in Table 1-1 (Cisco MGC Host Configurations) was updated.
Chapter 5: Migrating to Cisco MGC 9.3(1)	OL-1150-10, Sept. 23, 2002	Added new chapter detailing procedures for migrating to Cisco MGC software release 9.3(1).

Subject	Document #, Change Date	Change Summary
Appendix B: XECfgParm.dat	OL-1150-10, Sept. 23, 2002	In Table 4-1: Provided descriptions/values for the following parameters: <ul style="list-style-type: none"> engine.RelINAPCallsAfterSwOver engine.CircuitReservation *.GWClearChannelAlgorithm
Appendix B: XECfgParm.dat	OL-1150-09, Aug. 30, 2002	In Table B-1: Replaced *.OverdecadicDigitsEnabled with *.OverdecadicDigitsSupported.
Appendix B: XECfgParm.dat	OL-1150-08, July 15, 2002	In Table B-1: Added description for *.maxNumRLMPorts.
Chapter 2: BAMS Disk Partitioning	OL-1150-07, June 21, 2002	Corrected Table 2-1 (column for BAMS without Disk Array) to indicate that the /usr partition is 1000 MB.
Chapter 5: Updates to migration procedures; note regarding the Sun Quad Fast Ethernet card (qfe)	OL-1150-06, June 17, 2002	Updated Chapter 5, added note regarding the support of QFE card for BAMS.
Solaris 8 and 2.6 operating system 36GB disk drive support, NTP configuration, return codes during Solaris 8 patch installation	OL-1150-05, June 2002	Added information for 36GB disk drive, NTP configuration, explanation of return codes during Solaris 8 patch installation.
Migration procedures	OL-1150-04, April 2002	Procedures were updated.
Document reorganization	OL-1150-03, March 2002	Document reorganized to contain separate chapters for Solaris 8, Solaris 6, Cisco MGC Release 9.2(2) and 9.1(5).
Solaris 8 operating system installation	OL-1150-03, March 2002	Information updated.
Verification Test Suite Package (CSCOh014)	OL-1150-03, March 2002	Information added.
Solaris 8 operating system installation	OL-1150-03, February 2002	Information added.
Cisco MGC software and Solaris 8 Migration/Upgrade Procedures	OL-1150-03, February 2002	Information added.
Cisco Security Package (CSCOh013)	OL-1150-03, February 2002	Information added.
MGC software installation/uninstallation sequence	OL-1150-03, February, 2002	Installation and uninstallation sequence information added.
XECfgParm.dat parameter: CDBOutputSel	OL-1150-03, Dec. 31, 2001	Appendix B: Deleted description of the CDBOutputSel parameter (no longer used).
XECfgParm.dat parameter: SyscreeningCheck	OL-1150-03, Oct. 5, 2001	Note added stating that setting this parameter to true will impact system performance because it will reduce MAX CPS and the maximum number of sustained calls.
Rel. 7.3 XECfgParm.dat parameters	OL-1150-03, Oct. 5, 2001	Deleted all references to Rel. 7.3 XECfgParm.dat parameters.

Subject	Document #, Change Date	Change Summary
Upgrading the Cisco MGC to Release 7.4	OL-1150-03, Sept. 24, 2001	Upgrading within Rel. 7.4: procedures corrected.
Chapter 2: Installing Release 7.3	OL-1150-03, Sept. 24, 2001	Deleted Release 7.3 information.
Configuring SNMP resources	OL-1150-03, August 3, 2001	Additional procedures added to verify that the services file lists the default SNMP ports (Chapter 4).
Installing the Cisco Security Package	OL-1150-03, August 3, 2001	Installation procedures added to Chapter 1.
NewXeCfgParm.dat parameter	OL-1150-03, August 3, 2001	Added *.RedirectingATree parameter information to Appendix B.
Fallback Procedures	OL-1150-03, July 11, 2001	Added fallback procedures (Chapter 4).
Duplex mismatch between the switch and the SC NIC.	OL-1150-03, July 11, 2001	Added cautionary note to ensure that users correctly configure the duplex on the catalyst port (Chapter 5).
Time mismatch on VSC pair.	OL-1150-03, July 11, 2001	Added note to ensure that the correct NTP packages are installed. NTP synchronizes call detail record (CDR) timestamps on SC2200s and BAMS.
XECfgParm.dat file parameters	OL-1150-02, June 19, 2001	Added XECfgParms.dat parameters to Appendix B.
XECfgParm.dat file: configured file example	OL-1150-02, June 19, 2001	XECfgParm.dat file: example of updated configured file added to replace old file.
XECfgParm.dat file parameters	OL-1150-02, June 19, 2001	Added parameter descriptions to Chapter 4.
Automatic Congestion Control (ACC)	OL-1150-02, June 19, 2001	Added ACC configuration information (Chapter 4).
Call Detail Record File (CDR)	OL-1150-02, June 19, 2001	Added CDR file output configuration information (Chapter 4).
*.GWCclearChannelAlgorithm parameter	OL-1150-02, June 19, 2001	Added *.GWCclearChannelAlgorithm parameter information (Chapter 4).
Configuring SCP queries; trigger.dat file	OL-1150-02, June 19, 2001	Added information on Cisco MGC trigger.dat file attributes to perform Transaction Capabilities Application Part (TCAP) queries.
Sample installation scripts	OL-1150-02, June 19, 2001	Reorganized this document and moved sample installation scripts to Appendix C.
Sample Cisco Media Gateway Controller configuration files	OL-1150-02, June 19, 2001	Reorganized this document and moved sample Cisco MGC configuration scripts to Appendix D.

