



INDEX

Numerics

404 or 500 error after logging in to Administration Console **3-10**

A

Administration Console

 browser guidelines **3-3**

 cannot log in **3-4**

 cannot log in with ipics user ID **3-24**

 cannot perform tasks **3-14**

 changes not saved when multiple users are configuring **3-22**

 not functioning **3-14**

B

browser

 refreshing window **3-16**

 troubleshooting access to the server **3-4**

browser guidelines **3-3**

C

cablelength router command **4-10**

CallManager

See Cisco Unified CallManager

CallManager Express

See Cisco Unified CallManager Express

call waiting, dial-in calls disconnect after using **3-38**

cannot deactivate

 stopping state, in RMS **4-16**

cannot log in to administration console **3-24**

catalina.out log file **7-1**

caution, described **xvii**

caveats

 application troubleshooting **5-29**

 CLI commands **5-12**

 troubleshooting **5-29**

 VPN client **5-17**

changing IP address, troubleshooting problems **3-32**

changing server IP address **6-4**

changing system date and time, problems with time-bound licenses **3-32**

channel

- choosing codec [4-8, 4-9](#)
- feedback noise [4-6](#)
- PMC deactivates by itself [4-5](#)
- troubleshooting access to multiple channels [4-2](#)
- troubleshooting multicast address problems [4-2](#)
- channels
 - connectivity failure indicator [5-26](#)
 - visual indicators
 - connectivity failure [5-26](#)
- characters, language, incorrect display [3-20](#)
- checking status of the license manager [2-9](#)
- Cisco IOS
 - documentation [xvi](#)
- Cisco IPICS Activity Log [7-2](#)
- Cisco IPICS IP Policy Engine
 - See* policy engine
- Cisco IPICS operating system
 - See* operating system, Cisco IPICS
- Cisco IP Phone
 - See* Cisco Unified IP Phone
- Cisco IP Phones
 - documentation [xv](#)
- Cisco Land Mobile Radio (LMR)
 - documentation [xvi](#)
- CisconnnMIVRnnnn.log file [7-2, 7-3](#)
- Cisco Security Agent
 - documentation [xvi](#)
- Cisco Security Agent (CSA)
- checking status [6-9](#)
- documentation [7-17](#)
- logs [7-7, 7-15](#)
- security event log, opening [7-16](#)
- starting [2-18, 6-9](#)
- starting, stopping, and restarting [6-9](#)
- stopping [2-18, 6-9](#)
- Cisco Unified Communications Manager (CallManager)
 - documentation [xiv](#)
- Cisco Unified Communications Manager Express
 - documentation [xv](#)
- Cisco Unified IP Phone
 - cannot access channel [4-13](#)
 - cannot communicate with PMCs in a channel [4-12](#)
 - no power [4-11](#)
 - one-way audio after receiving or placing a phone call [4-12](#)
 - radio users cannot hear IP phone users [4-6](#)
 - troubleshooting power problems [4-11](#)
 - voice quality issues with policy engine dial-in or dial-out calls [4-9](#)
- Cisco Unified IP phone
 - 404 or host not found message [4-13](#)
 - cannot access Cisco IPICS service
 - Cisco IPICS service, cannot use after changing server IP address [4-13](#)
 - clear counters router command [4-10](#)
 - clear line router command [4-18](#)

clock source router command [4-10](#)

codec, voice quality and [4-8, 4-9](#)

command, server

enableuser [3-26, 6-3](#)

modify_ip [6-4](#)

ntpsetup [6-5](#)

reset_pw [3-24, 6-7](#)

service ciscosec [6-9](#)

service iippe_dial_engine [6-10](#)

service ipics [6-9](#)

service ipics_db [6-9](#)

service ipics_lm [3-29, 6-9](#)

service ipics_tomcat [6-10](#)

Command failed error [3-20](#)

communication issue

PMCs and Cisco Unified IP Phones cannot communicate on a channel [4-12](#)

some PMCs cannot talk on channel [4-3](#)

VTG participants cannot hear each other [4-2, 4-3](#)

communication issues, VTGs and SIP

PMCs [4-9](#)

connectivity, verifying with ping command [3-7](#)

connectivity indicators

SIP-based remote connections [5-26](#)

controller, limiting number of DS0s [4-16](#)

conventions, document [xvi](#)

csalog log file [7-2](#)

D

database server

checking status [2-7, 6-9](#)

manually starting [3-7](#)

performing procedures [2-6](#)

restarting [2-8](#)

starting [2-9, 6-9](#)

stopping [2-8](#)

troubleshooting [3-14](#)

db-maintenance.log file, about [7-3, 7-4](#)

deactivating RMS, to edit router details [4-19](#)

deactivation fails for RMS [4-16](#)

debugging

PMC [7-10](#)

using CLI-based tools and service commands [6-1](#)

using log files [7-1](#)

diagnostics.log file [7-4](#)

dial engine

checking status [2-13, 6-10](#)

error after uploading prompt file [3-35](#)

PARTIAL_SERVICE status [3-46](#)

performing service procedures [2-12](#)

restarting [2-14](#)

starting [2-15](#)

starting and stopping [6-10](#)

stopping [2-14](#)

voice quality problems [4-9](#)

dial engine, starting and stopping [6-10](#)

dial-in calls
 disconnect after using hold or call waiting feature **3-38**
 do not connect **3-39**
 radio users cannot hear dial-in users **4-6**
dial-out calls, radio users cannot hear dial-out users **4-6**
 dial-out invites do not connect **3-43**
 dial-out notifications do not connect **3-44, 3-46**
disabled user, enabling with enableuser command **6-3**
documentation
 Cisco IOS **xvi**
 Cisco IP Phones **xv**
 Cisco Land Mobile Radio (LMR) **xvi**
 Cisco Security Agent **xvi, 7-17**
 Cisco Unified Communications Manager (CallManager) **xiv**
 Cisco Unified Communications Manager Express **xv**
 conventions **xvi**
 MCS servers **xv**
double-byte language support **5-27**
driverManager.log files **7-4**
DS0, limiting number on router **4-16**
DSCP **4-8**
DSPs, insufficient **4-3**

E

echoes, in conferences **4-22**

e-mail, outgoing notifications do not connect **3-44, 3-46**
enableuser command **6-3**
enabling a disabled user with enableuser command **6-3**
encrypted file system **5-5**
error
 404 or 500, in browser **3-10**
 authorization after changing ipics user password **3-24**
 command failed **3-20**
 PMC gets unknown response **3-21**
 undefined javascript **3-19**
error messages **5-30**

F

feedback
 in conferences **4-22**
 on VTG or channel **4-6**
finding troubleshooting information **1-1**
footswitch
 troubleshooting **5-7**

G

G.711 codec, voice quality and **4-8**
G.729 codec, voice quality and **4-8**
G711 codec, voice quality and **4-9**
G729 codec, voice quality and **4-9**

H

- hardware, locating MAC address for **3-28**
 headset
 resolving headset issues **5-11**
 hold, dial-in calls disconnect after using **3-38**
 host mismatch error, troubleshooting **3-28, 3-32**
-

I

- IE publisher error **5-15**
 ifconfig command, using to obtain MAC address **3-28**
 information
 finding Cisco IPICS troubleshooting **1-1**
 informix user, resetting password **3-14, 6-7**
 install.log file **7-4**
 installation, troubleshooting **3-1**
 installation log file **5-3**
 Internet Explorer

 browser error **3-10**

 refreshing browser window **3-16**

 troubleshooting browser access to the server **3-4**

- Internet Explorer browser guidelines **3-3**
 invitations, dial-out invites do not connect **3-43**
 IP address
 changing **6-2**
 troubleshooting problems after changing **3-32**

verifying Cisco IPICS **3-7**

- ipics.log file **7-5**
 ipics_audit.log file **7-5**
 ipics_pmc.log file **7-6**
 ipics_rms.log file **7-6**
 ipicsadmin user, resetting password **3-24, 6-7**
 ipics-install-log.txt log file **7-5**
 ipics user, resetting password **6-7**
 IP Phone

See Cisco Unified IP Phone

J

- javascript error, troubleshooting undefined **3-19**
-

L

- language characters, incorrect display **3-20**
 license
 all features do not display after loading multiple license files **3-31**
 locating MAC address **3-28**
 troubleshooting after changing IP address **3-32**
 troubleshooting installation **3-27, 3-32**
 troubleshooting time-bound **3-32**
 troubleshooting time-bound license files **3-32**
 license manager

checking status **2-9, 2-10, 6-9**
restarting **2-11, 6-9**
starting **2-12, 6-9**
stopping **6-9**
lmgrd.log file **7-6**
location
 incorrectly configured **4-13**
locked user, unlocking with enableuser command **6-3**
log files
 catalina.out **7-1**
 Cisco IPICS Activity Log **7-2**
 CisconnnMIVRnnnn.log **7-2, 7-3**
 Cisco Security Agent (CSA) **7-15**
 csalog **7-2**
 db-maintenance **7-3, 7-4**
 diagnostics.log **7-4**
 driverManager.log **7-4**
 install.log **7-4**
 ipics.log **7-5**
 ipics_audit.log **7-5**
 ipics_pmc.log **7-6**
 ipics_rms.log **7-6**
 ipics-install-log.txt **7-5**
 lmgrd.log **7-6**
 PMC, modifying levels **7-7**
 securitylog.txt **7-7**
 tacout **7-7**
login, cannot log in after changing password **3-24**

loopback, indicator lights for **4-21**
low level guard tone (LLGT), E&M port does not transmit after a port deactivation and activation **4-6**

M

MAC address, obtaining **3-28**
MCS servers
 documentation **xv**
Media category, PMC DebugLog.txt **7-10, 7-14**
Microsoft QoS Packet Scheduler **4-8**
modify_ip command **6-4**
multicast
 troubleshooting problems **4-2**

N

network processes, starting and stopping with CLI commands **6-9**
Network Time Protocol (NTP)
 logs **7-7**
Network Time Protocol (NTP), configuring **6-5**
no prompt router command **4-18**
note, described **xvii**
notifications, dial-out notifications do not connect **3-44, 3-46**
ntpsetup command **6-5**

O

one-way audio

- between PMC and Cisco Unified IP Phone [4-12](#)

- with Cisco Unified IP Phone after placing or receiving a phone call

 - troubleshooting

 - one-way audio problems with Cisco Unified IP phones [4-12](#)

one-way audio issues [5-11](#)

operating system, Cisco IPICS

- checking database status [2-7](#)

- checking tomcat service status [2-2](#)

- database procedures [2-6](#)

- database server procedures [2-6](#)

- restarting database [2-8](#)

- starting database [2-9](#)

- starting tomcat service [2-5, 2-6](#)

- stopping

 - tomcat service [2-3](#)

- tomcat service procedures [2-2](#)

ops views, dial-out notifications do not work between ops views [3-46](#)

P

packets, IP marked incorrectly [4-8](#)

Packet Scheduler, Microsoft QoS [4-8](#)

PARTIAL_SERVICE status

for dial engine [3-46](#)

for subsystem manager [3-46](#)

password

- changing, for root user [3-25, 6-7](#)

 - resetting

 - for informix user [3-24, 6-7](#)

 - for ipicsadmin user [3-24, 6-7](#)

 - for ipics user [3-24, 6-7](#)

PIM, sparse and sparse-dense modes [4-2](#)

ping command, using to verify Cisco IPICS IP address [3-7](#)

pins, mapping for a T1 on router [4-22](#)

PMC

- cannot communicate with IP Phones in a channel [4-12](#)

 - caveats

 - application troubleshooting [5-29](#)

 - CLI commands [5-12](#)

 - VPN client [5-17](#)

- deactivates channel by itself [4-5](#)

 - log entries [7-6](#)

 - poor voice quality [4-8](#)

 - SIP-connected voice communication interrupted [4-9](#)

 - some cannot communicate on channel [4-3](#)

 - troubleshooting

 - application [5-1](#)

 - audio and headset issues [5-11](#)

 - audio settings [5-7](#)

 - caveats [5-29](#)

- channel activation issues [5-26](#)
- Cisco Security Agent [5-9](#)
- codec misconfiguration [5-27](#)
- coexistence [5-10](#)
- configuration file changes [5-6](#)
- connectivity issues [5-16](#)
- DNS issues [5-25](#)
- error messages [5-30](#)
- execution [5-2](#)
- footswitch device [5-7](#)
- generating a PMC installation log file [5-3](#)
- headset [5-8](#)
- headset issues [5-12](#)
- high latency, low bandwidth links [5-25](#)
- microphone [5-9](#)
- multicast connections [5-21](#)
- offline mode [5-23](#)
- one-way audio [5-11](#)
- one-way audio issues [5-13](#)
- optional settings menu [5-6](#)
- publisher error [5-15](#)
- QoS Packet Scheduler [5-20](#)
- resolving IP address changes [5-13](#)
- right-to-left and double-byte language support [5-27](#)
- RMS connectivity [5-24](#)
- satellite connectivity [5-25](#)
- server administration GUI access issues [5-15](#)
- unknown response error [3-21](#)
- using an encrypted file system [5-5](#)
- voice quality [5-14](#)
- VPN issues [5-16](#)
- VTG not appearing on [3-17](#)
- Windows XP firewall [5-19](#)
- winsock corruption [5-22](#)
- users are not logged out after terminating session [4-4](#)
- using debugging log level [7-10](#)
- voice quality degrades for SIP user [4-8](#)
- PMC DebugLog.txt [7-9, 7-12](#)
- PMC log levels, modifying [7-7](#)
- PoE module [4-11](#)
- policy, VTG not activating in [3-16](#)
- policy engine
 - cannot communicate with the prompt manager [3-38](#)
 - checking dial engine status [2-13](#)
 - log files [7-2](#)
 - performing dial engine service procedures [2-12](#)
 - restarting dial engine [2-14](#)
 - starting and stopping [6-9](#)
 - starting the dial engine [2-15](#)
 - stopping dial engine [2-14](#)
 - voice quality problems from dial engine [4-9](#)
- processes, Cisco IPICS, starting and stopping [6-9](#)
- prompt file, error after uploading [3-35](#)

prompt manager error messages **3-38**

Q

QoS, Microsoft Packet Scheduler **4-8**

R

radio

 low level guard tone not sent after E&M port deactivation and activation **4-6**

 users in channel cannot hear Cisco Unified IP Phone or policy engine users **4-6**

recovering a deleted user with system administrator privileges **3-23**

refreshing browser window **3-16**

reset_pw command **6-7**

resetting passwords, for ipics, ipicsadmin, informix and root users **6-7**

restarting

 database **2-8, 6-9**

 dial engine **2-14**

 license manager **2-11, 6-9**

 tomcat service **6-10**

restore, PMC gets error after **3-21**

right-to-left language support **5-27**

RMS **4-16**

 configuration, long wait after restarting Cisco IPICS **4-16**

 deactivating **4-19**

 failing **4-18**

limiting DS0s on router **4-16**

log entries **7-6**

no loopbacks displayed on new **4-19**

PMC connectivity to the RMS **5-11**

SIP-based connectivity **5-26**

troubleshooting connectivity issues **5-24**

unrecognized T1 ports **4-20**

updating login information causes unreachable state **4-19**

root user

 resetting password **6-7**

router

 clear line command **4-18**

 configuration shows wrong information **4-22**

 insufficient DSPs on **4-3**

 IOS software version **4-11**

 long delays between pressing PMC PTT button and media establishment **4-24**

 long wait for restart after configuring **4-16**

 mapping pins for T1 **4-22**

 no green indicator lights **4-21**

 no loopbacks displayed on new RMS **4-19**

 no prompt command **4-18**

 PIM modes **4-2**

 PoE module **4-11**

 show users command **4-18**

 slow VTG activation **4-18**

 T1 configuration **4-10**

 unreachable state **4-18, 4-19**

updating configuration in Cisco IPICS **4-22**

VTY lines **4-18**

router media service

See RMS

S

security events log, Cisco Security Agent, opening **7-16**

securitylog.txt file **7-7**

server, database

 checking status **2-7**

 manually starting **3-7**

 restarting **2-8**

 starting **2-9**

 stopping **2-8**

server administration GUI access issues **5-15**

service ciscosec command **6-9**

service ipics_db command **6-9**

service ipics_lm command **3-29, 6-9**

service ipics_tomcat command **6-10**

service ipics command **6-9**

service ippe_dial_engine command **6-10**

Show Configuration feature **4-22**

show users router command **4-18**

SHUTDOWN status, for SIP subsystem **3-47**

Signaling category, PMC DebugLog.txt **7-10, 7-13**

SIP-based connection

connection failure **5-26**

SIP subsystem

 SHUTDOWN status **3-47**

spoken name prompt file, error after uploading **3-35**

starting

 dial engine **2-15**

 starting Cisco Security Agent **2-18**

 starting database server **2-9**

 starting the license manager **2-12**

 starting tomcat service **2-5, 2-6**

status

 checking database server **2-7, 6-9**

 checking dial engine **6-10**

 checking license manager **6-9**

 checking policy engine **6-9**

 checking tomcat service **2-2, 6-10**

stopping

 Cisco Security Agent **2-18, 6-9**

 database server **2-8, 6-9**

 dial engine **2-14, 6-10**

 license manager **6-9**

 policy engine **6-9**

 tomcat service **6-10**

stopping tomcat service **2-3**

subsystem manager, PARTIAL_SERVICE status **3-46**

system administrator user, recovering a deleted user **3-23**

T

T1

configuration **4-10**loopbacks not displayed on new RMS **4-19**mapping pins on router **4-22**unrecognized ports **4-20**TAC Case Collection Tool **5-15**tacout log file **7-7**

time-bound license

troubleshooting **3-32**

tomcat service

checking status **2-2, 3-4, 6-9, 6-10**performing procedures **2-2**restarting **3-5, 3-22**starting **2-5, 2-6, 6-9, 6-10**stopping **2-3, 6-9, 6-10**

troubleshooting

404 or 500 error in browser

404 error **3-10**Administration Console not functioning **3-14**authorization error after changing password **3-24**cannot reach server from browser **3-4**Cisco Unified IP Phone cannot access channel **4-13**Command failed error **3-20**communication disrupted **4-9**configuration changes not saved when multiple users are configuring **3-22**connectivity between Cisco Unified Wireless IP Phone 7920 models **4-14**database stopped **3-14**dial engine **3-46**dial engine voice quality **4-9**dial-in call cannot reconnect after using call waiting feature **3-38**dial-in call disconnects after placing on hold **3-38**dial-in calls **3-39**dial-out invites **3-43**dial-out notifications **3-44, 3-46**displaying loopbacks in Add Router window **4-19**feedback noise on VTG, channel **4-6**host mismatch error **3-28, 3-32**installation issues **3-1**language characters display incorrectly **3-20**license installation **3-27, 3-32**login problems from browser **3-4**multicast problems **4-2**new RMS has no loopbacks **4-19**no green lights on router **4-21**non-activating policy **3-16**no power to Cisco Unified IP Phones **4-11**no table data **3-19**password problems, ipicsadmin or informix user **3-24**password problems for ipics user **3-24**password problems for root user **3-25**

PMC deactivates channel by itself **4-5**
PMCs cannot communicate on channel **4-3**
PMC users not logged out after terminating session **4-4**
policy engine voice quality **4-9**
poor PMC voice quality **4-8**
poor voice quality for SIP-based PMC **4-8**
power for Cisco Unified IP Phones **4-11**
RMS fails **4-18**
router configuration long delays between pressing PMC PTT button and media establishment **4-24**
router configuration shows wrong information **4-22**
SIP subsystem **3-47**
slow VTG activation **4-18**
subsystem manager **3-46**
time-bound licenses **3-32**
tomcat service not running **3-4**
undefined javascript error **3-19**
unreachable RMS state after updating login **4-19**
unreachable router state **4-18**
unresponsive Cisco IP Phone channel **4-13**
unresponsive PMC channel **4-3**
using CLI-based tools and service commands **6-1**
using log files **7-1**
voice loops in conferences **4-22**
VTG activating itself **3-15**
VTG feedback **4-6**

VTG not appearing on PMC **3-17**
VTG participants cannot communicate **4-2, 4-3**
troubleshooting the PMC application **5-1**

U

unlocking a locked user **6-3**
unreachable state on router **4-18, 4-19**
Update Configuration feature **4-22**
user ID, multiple IDs for same user **3-17**
user interface, PMC debug log information **7-9, 7-12**

V

voice, poor quality from policy engine dial-in or dial-out calls **4-9**
voice, poor quality on PMC **4-8**
voice, poor quality with dial engine calls **4-9**
voice loops **4-22**
voice quality issues **5-14**
VTG activates by itself **3-15**
feedback noise **4-6**
not activating in policy **3-16**
not appearing on PMC **3-17**
participants cannot hear each other **4-2, 4-3**
slow activation **4-18**

voice interruptions **4-9**

VTY lines **4-18**

