



INDEX

Symbols

* (asterisk), in Cisco IPICS Administration Console windows [1-12](#), [1-17](#)

A

About, in Administration Console [1-20](#)

accessing

Activity Log Management window [2-101](#)

Activity Log Options window [2-106](#)

Administration Console [1-15](#)

Channels window [2-4](#)

Descriptors window [9-48](#)

Dial Engine drawer [8-1](#)

Download IDC window [4-2](#)

IDC Installer window [2-134](#)

IDC Regions window [2-137](#)

IDC Versions window [2-123](#)

Incidents window [2-77](#)

License Management window [2-86](#)

Locations window [2-48](#)

Multicast Pool window [2-52](#)

My Profile window [4-2](#)

online help [1-19](#)

Ops View window [7-3](#)

Options window [2-108](#)

Policy Management drawer [6-1](#)

Radios window [9-8](#)

RMS window [2-60](#)

User Groups window [3-44](#)

Users window [3-3](#)

Virtual Talk Groups window [5-1](#)

action

activate VTG [6-8](#)

definition [6-1](#)

deleting [6-18](#)

dial-out [6-8](#), [6-16](#)

in multi-purpose type policy [6-12](#)

invite to VTG [6-8](#), [6-12](#)

managing [6-8](#)

notification [6-8](#)

overview [6-8](#)

reactivating [6-29](#)

VTG add participants [6-8](#), [6-15](#)

activating

policy [6-24](#)

RMS [2-67](#)

- VTG [5-18, 6-12](#)
- active
 - channel state in Channel window, described [2-12](#)
 - incident [2-76](#)
 - multicast address [2-53, 2-57](#)
 - VTG, managing [5-2, 5-16](#)
- active users
 - fields, described [2-95](#)
 - viewing information for [2-94](#)
- activity log
 - described [2-100](#)
 - downloading [2-101](#)
 - downloading, archived [2-103](#)
 - managing [2-99](#)
 - managing activity types per ops view [2-105](#)
 - options per ops view [2-105](#)
 - types [2-105](#)
 - understanding the Activity Log Management window [2-100](#)
 - viewing [2-101](#)
- activity log retention period, setting described [2-109](#)
- adding
 - alert tone set [2-130](#)
 - channel [2-7](#)
 - channel group [2-34](#)
 - locations [2-48](#)
 - multicast address to multicast pool [2-54](#)
 - radio [9-11](#)
 - radio and tone descriptors [9-50](#)
 - regions [2-137](#)
 - RMS [2-68](#)
 - sequence of multicast addresses to multicast pool [2-55](#)
 - user [3-5](#)
 - user group [3-45](#)
 - VTG [5-9](#)
- address
 - e-mail, of user [3-11](#)
 - information for user [3-10](#)
 - multicast address [2-53](#)
 - of user, in user profile [4-5](#)
 - street, of user in Users window [3-11](#)
- Address Information tab [3-10](#)
- Administration Console
 - accessing [1-15](#)
 - Authentication window [1-15](#)
 - client system requirements [1-15](#)
 - displaying current data [1-14](#)
 - exiting [1-17](#)
 - logging in [1-15](#)
 - logging out [1-17](#)
 - obtaining information about [1-20](#)
 - online help [1-19](#)
 - overview [1-11](#)
 - refreshing [1-14](#)
 - timeout [1-20](#)
- advanced IDC permissions [3-18](#)
- advanced IDC permissions, field described [4-8](#)

alerting tones

See alert tones

alert notification [6-11](#)

alert tones

adding [2-130](#)

associating ops views [2-132](#)

creating alert tone sets [2-128](#)

deleting [2-133](#)

managing [2-127](#)

viewing or editing alert tone sets [2-131](#)

allow latch

channel [2-18](#)

field in user profile [4-8](#)

in IDC tab [3-18](#)

radio [9-19](#)

all role, described [1-9](#), [3-12](#)

archived incident

archive file name [2-111](#)

configuring [2-110](#)

maximum file size [2-110](#)

retention period [2-110](#)

run archive at [2-111](#)

associating

alert tones to ops views [2-132](#)

channel with user [3-30](#)

ops views with user group [3-49](#)

ops view with user [3-37](#)

policy with user [3-31](#), [6-23](#)

radio with user [3-33](#)

user with policy [3-31](#), [6-23](#)

Associations tab [3-21](#)

audio, disable [3-18](#)

audio client [1-8](#)

authentication log file [3-17](#), [3-19](#)

Authentication window [1-15](#)

B

backup and restore operations

overview [11-1](#)

performing [11-1](#)

browser

guidelines for using [1-14](#)

memory issues [1-14](#)

pop-up windows, disabling blocking [1-14](#)

refreshing windows [1-14](#)

C

calculating DSPs [A-18](#)

CAP XML file, for external notification [B-5](#)

caveats [9-7](#)

changing status of VTG [5-18](#)

channel

active state [2-21](#)

active status [2-12](#)

adding

new [2-7](#)

- to VTG template [5-7](#)
 - allow association to users, field described [2-10](#)
 - allow latch, described [2-18](#)
 - allow use in VTGs field, described [2-11](#)
 - associated [3-35](#)
 - associated ops view, field described [2-17](#)
 - associating
 - radio signals with user [2-28](#)
 - to ops views [2-25](#)
 - user with [3-30](#)
 - with user [2-26](#)
 - available [3-35, 3-50](#)
 - changing status [2-21](#)
 - channel color, field described [2-19](#)
 - channel region, field described [2-19](#)
 - channel selector, field described [2-16](#)
 - deleting
 - from a channel group [2-38](#)
 - from system [2-31](#)
 - described [2-2](#)
 - disabled status [2-12](#)
 - disabling [2-21](#)
 - editing information [2-8](#)
 - enabled status [2-12](#)
 - enable latch, field described [2-18, 9-19](#)
 - enable VAD, field described [2-18](#)
 - enabling [2-21](#)
 - IDC region field described [2-19](#)
 - in inactive VTG [5-7](#)
 - listen only, field described [2-18](#)
 - location [2-13](#)
 - location, field described [2-13](#)
 - mixing secure and non-secure in VTG [5-7](#)
 - multicast address, field described [2-14](#)
 - multicast address port, field described [2-14](#)
 - name, field described [2-9](#)
 - radio, field described [2-15](#)
 - removing
 - from channel group [2-38](#)
 - from system [2-31](#)
 - RX mute during PTT, field described [2-18](#)
 - search for in VTG window [5-35](#)
 - secure, field described [2-9](#)
 - status [2-12](#)
 - type, field described [2-12](#)
 - unavailable for VTG [5-33](#)
 - viewing
 - associations [2-30](#)
 - information [2-8](#)
- Channel dashboard
- elements [12-5](#)
 - overview [12-4](#)
- channel group
- adding
 - new [2-34](#)
 - to VTG template [5-7](#)
 - associated ops view, field described [2-36](#)
 - associated VTG [2-38](#)

- associated VTG status [2-38](#)
- associating ops views to [2-39](#)
- channels in [2-3](#)
- deleting [2-40](#)
- deleting a channel from [2-38](#)
- described [2-3](#)
- editing information [2-35](#)
- name [2-35](#)
- removing
 - channel from [2-38](#)
 - from system [2-40](#)
- viewing
 - associations [2-37](#)
 - information [2-35](#)
- Channel Selector Permissions [3-34](#)
- channel selectors
 - associated channel field, described [9-6](#)
 - enabled status check box [9-6](#)
 - label [9-6](#)
- channel statistics log file [3-17, 3-19](#)
- Cisco [10-4](#)
- Cisco IOS documentation [1-xxii](#)
- Cisco IPICS
 - Administration Console [1-11](#)
 - database
 - backing up [11-4](#)
 - logs [11-20](#)
 - restoring [11-13](#)
 - deployment options [1-5](#)
 - getting started [1-2](#)
 - hardware components [1-5](#)
 - initial configuration [1-2](#)
 - IP multicast address guidelines for [2-54](#)
 - logging in to [4-1](#)
 - Login window [4-1](#)
 - overview [1-1, 1-5](#)
 - Restrict Operator Role assignments [2-111](#)
 - role [1-8](#)
 - server [1-6](#)
 - session timeout period setting [2-110](#)
 - setting up [1-2](#)
 - software components [1-5](#)
- Cisco IPICS policy engine
 - See* policy engine
- Cisco IPICS server
 - Administration Console [1-11](#)
 - described [1-6](#)
 - SSL certificate on [D-1](#)
 - usage guidelines [1-11](#)
- Cisco IPICS service
 - about [C-1](#)
 - configuring
 - for Cisco Unified Communications Manager [C-2](#)
 - for Cisco Unified Communications Manager Express [C-4](#)
 - disabling log in [C-2](#)
 - subscribing to [C-5](#)
 - using [C-7](#)

- Cisco IPICS session timeout [2-110, 2-111](#)
- Cisco IPICS session timeout period, setting described [2-110](#)
- Cisco IP Interoperability and Collaboration System
 - See* Cisco IPICS
- Cisco router
 - function in a Cisco IPICS deployment [1-7](#)
- Cisco Security Agent documentation [1-xxi](#)
- Cisco Unified Communications Manager
 - configuring as SIP provider [8-43](#)
 - configuring Cisco IPICS service for [C-2](#)
 - documentation [1-xx](#)
 - function in a Cisco IPICS deployment [1-7](#)
- Cisco Unified Communications Manager Express
 - configuring as SIP provider [8-48](#)
 - configuring Cisco IPICS service for [C-4](#)
 - documentation [1-xxi](#)
- Cisco Unified IP Phone
 - accessing Cisco IPICS service from [C-7](#)
 - allow latch [3-18](#)
 - audio [3-18](#)
 - dial login for [3-13](#)
 - digit ID [3-14, 4-6](#)
 - digit password [3-14](#)
 - disable [3-15](#)
 - documentation [1-xxi](#)
 - high availability, affect on [10-12](#)
 - latching [3-20](#)
 - listen only [3-18, 3-20](#)
 - managing for user [3-14](#)
 - mute [3-15](#)
 - subscribing to Cisco IPICS service [C-5](#)
 - timeout period setting [2-110](#)
 - unmute [3-15](#)
 - user in VTG [5-20](#)
 - using as a PTT device [C-1](#)
- cluster view daemon, trace file [8-4](#)
- codec
 - field described [2-15](#)
 - for policy engine [8-42](#)
 - radio [9-13](#)
- communications preferences
 - configuring [3-23](#)
 - described [3-22](#)
 - managing [3-22](#)
- connection type, multicast address [2-53, 2-57](#)
- control function permissions [3-34](#)
- control functions [3-36](#)
- controllers
 - configuring T1/E1 controllers [A-5](#)
 - on RMS [2-66](#)
- copying a user [3-5](#)
- customized script prompts
 - codec [8-18](#)
 - deleting [8-20](#)
 - described [8-16](#)
 - downloading [8-19](#)

- renaming [8-20](#)
- uploading [8-18](#)
- viewing list of [8-17](#)
- Customized Script Prompts window [8-17](#)

D

- Dashboard window, overview [12-1](#)

database

- backing up [11-4](#)
- choosing a backup destination [11-12](#)
- manually starting database server [11-28](#)

options

- changing [11-9](#)
- default [11-9](#)
- restoring [11-14](#)

- restoring [11-13](#)

troubleshooting

- backup procedure [11-22](#)
- restore procedure [11-22](#)

- database log [10-22](#)

Database Management window

- overview [11-3](#)
- tabs inside of [11-3](#)

- database replication block state [10-22](#)

- database updates [10-22](#)

- DDRBLOCK [10-22](#)

deactivated

- RMS [2-67](#)

- RMS status [2-65](#)

- VTG [5-19](#)

- DEBUG-level error messages [12-16, 12-21](#)

- debug log file [3-17, 3-19](#)

- debug trace level [8-5](#)

- dedicated-dial-engines.xml file [B-2](#)

- default language folder [8-12](#)

- default tone sequences, configuring [9-7](#)

deleting

- action from policy [6-18](#)

- alert tones [2-133](#)

channel

- from channel group [2-38](#)
- from system [2-31](#)

- channel group [2-40](#)

- descriptors [9-53](#)

IDC

- regions [2-139](#)
- versions [2-127](#)

- incident [2-85](#)

- languages [8-14](#)

- locations [2-50](#)

- multicast address [2-58](#)

- policy [6-25](#)

- radio [9-26](#)

- radio and tone descriptors [9-53](#)

- RMS [2-73](#)

- spoken names prompts [8-30](#)

- trigger from policy [6-22](#)

- user [3-43](#)
- user group [3-52](#)
- VTG [5-15](#)
- deployment, of Cisco IPICS [1-5](#)
- descriptors
 - deleting [9-53](#)
 - managing radio and tone [9-30](#)
 - updating [9-51](#)
- diagnostic information
 - downloading [12-13](#)
 - viewing [12-9](#)
- Diagnostics window
 - diagnostic summary pane, described [12-13](#)
 - elements [12-10](#)
 - overview [12-1, 12-9](#)
- dial engine
 - codec [8-42](#)
 - configuring [B-2](#)
 - described [8-1](#)
 - for external notification [B-2](#)
 - parameters [8-41](#)
 - services
 - obtaining information about [8-2](#)
 - status [8-3](#)
 - trace file [8-4](#)
- Dial Engine drawer, accessing [8-1](#)
- dial engine script
 - See* scripts [8-31](#)
- Dial Engine Script notification [6-11](#)
- dial-in
 - assigning to ops view [7-19](#)
 - configuring SIP provider for [8-43](#)
 - SIP trunk [8-46](#)
- dial-in floor [6-34](#)
- dialing out to participants in an active VTG [5-28](#)
- dial-in phone
 - disable [3-15](#)
 - high availability, affect on [10-12](#)
 - listen only [3-18, 3-20](#)
 - managing for user [3-14](#)
 - mute [3-15](#)
 - unmute [3-15](#)
- dial login
 - configuring [3-13](#)
 - described [3-13](#)
- Dial Login tab [3-13](#)
- Dial notification [6-10](#)
- dial-out
 - action [6-8, 6-16](#)
 - configuring SIP provider for [8-43](#)
 - SIP trunk [8-46](#)
- dial preferences
 - configuring [3-23](#)
 - described [3-23, 4-10](#)
 - order of [3-28](#)
- digit ID [3-14, 4-6](#)
- digit password (PIN) [3-14, 4-7](#)

disable

- Cisco Unified IP Phone [3-15](#)

- IDC attributes in an active VTG [5-28](#)

- latch in User Details window [5-25](#)

- user [3-40](#)

- disable audio, in user profile [4-8](#)

- disabled channel [2-12](#)

- disabled user [3-40](#)

- disable IDC activity log upload, setting described [2-119](#)

- disable RMS comparator, setting described [2-108](#)

disabling

- audio [3-18](#)

- dial-in phone [3-15](#)

- end device [3-15](#)

- IDC [3-15](#)

- listen only [3-20](#)

- radio [9-25](#)

- voice activation detection (VAD) [3-20](#)

dispatcher role

- described [1-9, 3-12](#)

- responsibilities [5-1](#)

documentation

- Cisco IOS [1-xxii](#)

- Cisco Security Agent [1-xxi](#)

- Cisco Unified Communications Manager [1-xx](#)

- Cisco Unified Communications Manager Express [1-xxi](#)

- Cisco Unified IP Phones [1-xxi](#)

- session initiation protocol (SIP) [1-xxi](#)

downloading

- activity logs [2-101](#)

- archived activity logs [2-103](#)

- IDC [4-2](#)

DS0

- destination [2-71](#)

- disabling [2-72](#)

- enabling [2-71](#)

- in loopback [2-71](#)

- source [2-71](#)

- status [2-71](#)

- ds0 groups, configuring [A-6](#)

dspfarm

- calculating DSPs [A-18](#)

- checking configuration [A-17](#)

- DSP resource pool [A-18](#)

- enabling [A-18](#)

DSPs [A-18](#)

dump

- memory trace [8-9](#)

- threads trace [8-8](#)

E

- E1 timeslots [A-7](#)

e-mail

- address of user [3-11](#)

- notification preference [3-23, 3-24, 4-10](#)

- email notification [6-9](#)
 - enable
 - IDC attributes in an active VTG [5-28](#)
 - latch in User Details window [5-25](#)
 - radio [9-25](#)
 - user [3-40](#)
 - enabled
 - channel [2-12](#)
 - user [3-40](#)
 - enable voice activity detection (VAD), field described [2-18](#)
 - enabling
 - Cisco Unified IP Phone [3-15](#)
 - dial-in phone [3-15](#)
 - end device [3-15](#)
 - IDC [3-15](#)
 - listen only [3-20](#)
 - voice activation detection (VAD) [3-20](#)
 - end device
 - audio [3-18](#)
 - described [3-14](#)
 - disable [3-15](#)
 - listen only [3-18, 3-20](#)
 - managing for user [3-14](#)
 - mute [3-15](#)
 - unmute [3-15](#)
 - ERROR-level error messages [12-16, 12-21](#)
 - event, also called active VTG [5-2](#)
 - executed policy, information about [6-26](#)
 - executing policy, information about [6-26](#)
 - expiration date, of password [3-10](#)
 - bulk notification
 - See* external notification
 - external notification
 - configuring dial engine [B-2](#)
 - deploying [B-2](#)
 - description [B-1](#)
 - dial engine [B-2](#)
 - failover, affect on [10-12](#)
 - invoking
 - CAP XML file [B-5](#)
 - HTTP request [B-4](#)
 - options [B-4](#)
 - message file [B-4](#)
 - overview [B-1](#)
 - recipient list [B-3](#)
 - requirements [B-2](#)
 - results of [B-12](#)
 - notification
 - See* external notification
-
- ## F
- failover
 - affect on Cisco Unified IP Phone [10-12](#)
 - affect on dial-in user [10-12](#)
 - affect on external notification [10-12](#)
 - affect on IDC [10-10](#)
 - affect on IDC and connected devices [10-3](#)

affect on mobile client [10-12](#)

affect on policy [10-12](#)

local critical process failure [10-3](#)

lost heartbeat message failure [10-3](#)

manual [10-4](#), [10-14](#)

file size, of archived incident [2-110](#)

floor, for dial-in [6-34](#)

G

G.711 [2-15](#)

G.729 [2-15](#)

gateway [1-7](#)

General Information tab [3-9](#), [3-12](#)

Get Logs from IDC [3-19](#)

guidelines

for using IP multicast addresses with Cisco
IPICS [2-54](#)

managing active VTGs [5-16](#)

managing inactive VTGs [5-6](#)

multicast address [2-54](#)

server usage [1-11](#)

H

HA

See high availability (HA)

hangover time [9-15](#)

hardware components, of Cisco IPICS [1-5](#)

help, in Administration Console [1-19](#)

high availability (HA)

active server [10-2](#)

affect of failover on IDC and connected
devices [10-3](#)

Cisco Unified IP Phone, affect on [10-12](#)

configuring [10-4](#)

description [10-2](#)

dial-in user, affect on [10-12](#)

failover

local critical process failure [10-3](#)

lost heartbeat message failure [10-3](#)

manual [10-4](#)

IDC connections, affect on [10-10](#)

license [2-86](#)

manual failover [10-14](#)

mobile client, affect on [10-12](#)

overview [10-2](#)

redundant server location [10-2](#)

split brain scenario

definition [10-4](#)

resolving [10-15](#)

standby server [10-2](#)

synchronizing server time [10-12](#)

unconfiguring [10-9](#)

High Availability Window [10-6](#)

host name, of RMS [2-65](#)

HTTP request, for external notification [B-4](#)

icons, in users window [3-47](#)

icons in Users window [3-4](#)

ID, of user [3-6](#)

IDC

activity log update, setting frequency [2-122](#)

adding alert tone sets [2-130](#)

advanced permissions [3-18](#)

alert tones, *See* alert tones

allow latch [3-18](#)

audio [3-18](#)

authentication log file [3-17, 3-19](#)

changing the state of versions for updates [2-126](#)

channel statistics log file [3-17, 3-19](#)

creating alert tone sets [2-128](#)

debug log file [3-17, 3-19](#)

deleting versions [2-127](#)

described [1-5, 1-6](#)

dialer preference [3-23, 4-10](#)

Dialer Preferences [3-24](#)

disable [3-15](#)

downloading current version [4-22](#)

failover, affect on [10-3](#)

high availability affect on [10-10](#)

installer, generating [2-134](#)

latching [3-20](#)

listen only [3-18, 3-20](#)

log files [3-15, 3-17, 3-18, 3-19](#)

log in after failover [10-10](#)

log level [3-19](#)

logout, forced [2-94](#)

log upload frequency, setting described [2-120](#)

managing for user [3-14](#)

managing the configuration [2-134](#)

mandatory update [2-126](#)

mute [3-15](#)

operation caveats when configuring tone sequences [9-46](#)

recommended update [2-126](#)

regions [2-137](#)

adding [2-137](#)

managing [2-136](#)

maximum [2-136](#)

See also regions

send logs on rollover, setting described [2-121](#)

tab [3-18](#)

unmute [3-15](#)

update poll, setting described [2-119](#)

user interface log file [3-17, 3-19](#)

user in VTG [5-20](#)

versions

changing state [2-126](#)

uploading [2-125](#)

versions, managing [2-122](#)

voice activation detection (VAD) [3-20](#)

- IDC alert tones
 - See* alert tones
- IDC Installer window [2-134](#)
- idcsetup.exe [2-134](#)
- idle status, for multicast address [2-53, 2-57](#)
- IN_SERVICE [8-3](#)
- inactive
 - incident [2-76](#)
 - VTGs [5-6](#)
 - VTGs, guidelines [5-6, 5-7](#)
- incident
 - Activated, field described [2-83](#)
 - activating [2-83](#)
 - active [2-76](#)
 - Address, field described [2-82, 2-83](#)
 - changing status [2-83](#)
 - configuring archive [2-110](#)
 - current participants, fields described [2-82](#)
 - Deactivated, field described [2-83](#)
 - deactivating [2-83](#)
 - definition [2-76](#)
 - deleting [2-85](#)
 - description, field described [2-81](#)
 - editing information [2-80](#)
 - ID, field described [2-81](#)
 - inactive [2-76](#)
 - Incident VTG, field described [2-82](#)
 - management [2-76](#)
 - name, field described [2-81](#)
 - Ops View, field described [2-82](#)
 - overview [2-76](#)
 - removing [2-85](#)
 - state, field described [2-81](#)
 - VTG [2-76](#)
- Incident dashboard
 - elements [12-6](#)
 - overview [12-5](#)
- Incidents window
 - accessing [2-76, 2-77](#)
 - understanding [2-77](#)
- INFO-level error messages [12-16, 12-21](#)
- Informix database, manually starting [11-28](#)
- invitation policy type
 - adding [6-17](#)
 - described [6-6](#)
 - updating [6-17](#)
- invitation type policy, actions in [6-8](#)
- invite to VTG action [6-8](#)
- IP address, of RMS [2-65](#)
- IP address selection guidelines [A-8](#)
- ipics.log
 - downloading [12-19](#)
 - error types [12-16, 12-21](#)
- ipics.log file [B-12](#)
- IPICS Connect [9-29](#)
- IPICS Dispatch Console
 - See* IDC
- IP multicast address, guidelines for using with Cisco IPICS [2-54](#)

IP Phone Text notification [6-9](#)

L

languages

- adding [8-12](#)
- default language folder [8-12](#)
- deleting [8-14](#)
- for prompts [8-11](#)
- for scripts [8-11](#)
- naming requirement [8-12](#)
- of TUI prompts [6-32](#)
- renaming [8-13](#)
- viewing list of [8-12](#)

Languages window [8-12](#)

latch

- allow [3-18](#)
- disable [3-20](#)
- enable [3-20](#)

license

- described [2-85](#)
- for policy engine [6-1](#)
- managing a Cisco IPICS [2-85](#)
- summary [2-87](#)
- time-bound, described [2-92](#)
- usage per ops view [2-90](#)

License dashboard

- elements [12-7](#)
- overview [12-7](#)

license file, uploading [2-93](#)

Linux user roles [1-9](#)

listen only

- in channel [2-18](#)
- in IDC tab [3-18](#)
- in radio [9-19](#)
- in user profile [4-8](#)

LMR gateway [1-7](#)

location

- adding [2-48](#)
- associations [2-43](#)
- deleting [2-50](#)
- described [2-41](#)
- multicast address [2-53, 2-58](#)
- of RMS [2-64](#)
- predefined [2-41](#)
- radio [9-13](#)
- RMS [2-69](#)
- summary of access types and connections [2-46](#)
- user [4-7](#)
- viewing or editing [2-49](#)

locking, user account [3-41](#)

log files

- downloading [12-19, 12-24](#)
- IDC [3-15, 3-17](#)
- in RCS Logs window [12-20](#)
- in System Logs window [12-15](#)
- location [3-17, 3-19](#)
- managing activity [2-99](#)

- obtaining [3-18](#)
- log in, disabling for Cisco IPCS service [C-2](#)
- log level, setting [3-19](#)
- log out
 - forced
 - from IDC [2-94](#)
 - from mobile client [2-94](#)
 - from Administration Console [1-17](#)
- logs, managing activity [2-99](#)
- loopback
 - configuring [2-70](#)
 - creating [2-70](#)
 - disabling DS0 in [2-72](#)
 - DS0
 - destination [2-71](#)
 - source [2-71](#)
 - status [2-71](#)
 - dynamically allocated [6-3](#)
 - enabling DS0 in [2-71](#)
 - number [2-71](#)
 - on RMS [2-66](#)
 - removing [2-73](#)
 - state [2-71](#)
 - viewing information about [2-70, 2-71](#)
- inactive VTGs [5-6](#)
 - radio and tone descriptors [9-30](#)
- mandatory update, for IDC [2-126](#)
- maximum activity logs, setting described [2-109](#)
- member, adding to user group [3-47](#)
- merging RMS configuration [2-74](#)
- message file, for external notification [B-4](#)
- mobile client
 - high availability, affect on [10-12](#)
 - logout, forced [2-94](#)
- multicast address
 - adding address to multicast pool [2-54](#)
 - adding a sequence of addresses to multicast pool [2-55](#)
 - address [2-57](#)
 - address and port [2-53](#)
 - assignment [2-54](#)
 - channel [2-14](#)
 - connection type [2-53, 2-57](#)
 - conventions [2-14, 2-54, 2-57](#)
 - deleting [2-58](#)
 - editing information [2-56](#)
 - guidelines [2-54](#)
 - in multicast pool [2-51](#)
 - location [2-53, 2-58](#)
 - port [2-57](#)
 - recommended range [2-54](#)
 - status [2-53, 2-57](#)
 - used by [2-53, 2-58](#)
 - viewing information [2-56](#)

M

- managing
 - activity log options per ops view [2-105](#)

multicast communications guidelines [2-54](#)

multicast domain [2-41](#)

multicast pool

adding multicast address to [2-54](#)

deleting multicast address from [2-58](#)

described [2-51](#)

multi-purpose type policy

actions in [6-8, 6-12](#)

activating [6-24](#)

adding [6-11](#)

described [6-6](#)

trigger [6-19](#)

updating [6-11](#)

mute

Cisco Unified IP Phone [3-15](#)

dial-in phone [3-15](#)

end device [3-15](#)

IDC [3-15](#)

client [3-15](#)

user in VTG [5-22](#)

My Profile window, described [1-15](#)

N

name

of user [3-6, 3-9](#)

of user group [3-50](#)

New Users window [3-5](#)

notification

action [6-8](#)

alert [6-11](#)

configuring [6-13](#)

Dial [6-10](#)

Dial Engine Script [6-11](#)

email [6-9](#)

external, *See* external notification

IP Phone Text [6-9](#)

overview [6-9](#)

Talk Group [6-10](#)

notification preferences

configuring [3-23](#)

described [3-23, 4-10](#)

notifying participants in an active VTG [5-28](#)

O

old digit password, changing [4-6](#)

online help, accessing [1-19](#)

operational, RMS status [2-65](#)

Operational Views

See ops views

operator role

described [1-9, 3-12](#)

responsibilities [3-1](#)

restricting assignments [2-111](#)

ops view administrator role, described [1-8, 3-12](#)

ops views

- accessible to [7-7](#)
- affecting VTGs [7-16](#)
- allocating dial ports, described [7-29](#)
- assigning a dial number (DN) [7-19](#)
- assigning to user [7-31](#)
- associated [3-38](#)
- associating
 - channel groups with [2-39, 7-32](#)
 - channels with [7-32](#)
 - to channels [2-25](#)
 - user group with [3-49](#)
 - user with [3-37](#)
- available [3-38](#)
- belongs to [7-6](#)
- benefits [7-6](#)
- caveats [7-11](#)
- channels [7-32](#)
- creating [7-4](#)
- determining dial port allocation [7-31](#)
- dial-in numbers [7-19](#)
- dial port pools [7-29](#)
- overview [7-1](#)
- resources [7-5](#)
- system [7-2](#)
- to which user belongs [3-36](#)
- to which user group belongs [3-49](#)
- understanding VTGs [7-12](#)
- user roles [7-8](#)

viewing

- details [7-25](#)
- resources [7-23](#)
- Ops View to User Association window [3-38](#)
- Options window [2-107](#)
- order, of dial preferences [3-28](#)
- OUT_OF_SERVICE [8-3](#)

P

- pager, notification preference [3-23, 3-24, 4-10](#)

- PARTIAL_SERVICE [8-3](#)

participant

- adding to VTG [5-19](#)
- in VTG [5-19](#)
- removing from VTG [5-19](#)

password

- Apply User Account Lockout setting [2-117](#)
- Apply User Password Expiration setting [2-115](#)
- changing [4-3](#)
- expiration date [3-10](#)
- Failed Password Attempt Expiration Hours setting [2-118](#)
- Maximum Invalid Login Attempts Allowed setting [2-118](#)
- Minimum Digit Password Length setting [2-112](#)
- Minimum Lower Case Letter Count setting [2-113](#)

- Minimum Numeric Character Count setting [2-114](#)
- Minimum Password Length setting [2-112](#)
- Minimum Special Character Count setting [2-114](#)
- Minimum Upper Case Letter Count setting [2-113](#)
- Password Expiration Notification setting [2-117](#)
- Password Expiration setting [2-116](#)
- Password History Count setting [2-115](#)
- RMS [2-69](#)
 - user [3-6, 3-9](#)
- phone service [C-1](#)
- PIN, digit password
 - defined [3-14](#)
 - in user profile [4-7](#)
- Policies window
 - described [6-4](#)
 - displaying [6-4](#)
- policy
 - action, *See* action
 - activating [6-24](#)
 - adding [6-6](#)
 - associated [3-32](#)
 - associating user with [3-31, 6-23](#)
 - available [3-32](#)
 - definition [6-1](#)
 - deleting [6-25](#)
 - deleting action from [6-18](#)
 - deleting trigger from [6-22](#)
 - executed [6-26](#)
 - executing [6-26](#)
 - failover, affect on [10-12](#)
 - invitation type
 - actions in [6-8](#)
 - adding [6-17](#)
 - described [6-6](#)
 - updating [6-17](#)
 - multi-purpose type
 - actions in [6-8](#)
 - adding [6-11](#)
 - described [6-6](#)
 - updating [6-11](#)
 - ops view guidelines [6-5](#)
 - reactivating [6-29](#)
 - scheduled [6-28](#)
 - system resources for [6-6](#)
 - trigger [6-19](#)
 - type [6-8](#)
 - viewing information about [6-26, 6-28](#)
- Policy Associations window [3-32](#)
- policy engine
 - license requirement [6-1](#)
 - Policies window [6-4](#)
 - policy, *See* policy [6-1](#)
 - roles that can access [8-1](#)
 - SIP provider [8-43](#)
 - tracing [8-4](#)
- Policy Management drawer, accessing [6-1](#)

pop-up windows [1-14](#)

port

channel [2-14](#)

conventions [2-14, 2-56, 2-57](#)

multicast address [2-57](#)

preferences, system, setting in Options window [2-107](#)

primary server

description [10-1](#)

See also high availability (HA)

prompts

customized script, *See* customized script prompts

described [8-1](#)

languages

See also language

languages, about [8-11](#)

managing [8-11](#)

repository [8-11](#)

spoken name, *See* spoken name prompts

standard script, *See* standard script prompts

PTT channel

See channel

PTT channel group

See channel group

R

radio

adding

to system [9-11](#)

to VTG template [5-7](#)

Allow association to users, check box described [9-15](#)

allow latch, described [9-19](#)

Allow use in VTGs, check box described [9-16](#)

associating

signals with channels [2-28](#)

user with [3-33](#)

with user from Radios window [9-22](#)

channel [9-2](#)

codec field described [9-13](#)

control functions [3-36](#)

default tone sequences [9-7](#)

deleting [9-26](#)

description, field described [9-12](#)

descriptor file, described [9-31](#)

designating permissions for [3-34](#)

editing information [9-20](#)

enabling or disabling [9-25](#)

frequency channels, described [9-4](#)

hangover time, field described [9-15](#)

IDC caveats when configuring tone sequences [9-46](#)

listen only, field described [9-19](#)

- location, field described [9-13](#)
- managing
 - descriptors [9-30](#)
 - overview [9-2](#)
- multicast address, field described [9-13](#)
- multicast port, field described [9-13](#)
- name, field described [9-12](#)
- overview [9-1](#)
- Pooled Resource, field described [9-12](#)
- radio color, field described [9-20](#)
- region, field described [9-20](#)
- removing [9-26](#)
- RX mute during PTT, field described [9-19](#)
- search for in VTG window [5-35](#)
- secure radio, field described [9-13](#)
- tone and signaling sequences, described [9-35](#)
- tone descriptors, described [9-35](#)
- type, field described [9-12](#)
- viewing information [9-20](#)
- voice delay, field described [9-14](#)
- radio channel
 - managing [9-2](#)
 - See also* radio
- radio color, field described [9-20](#)
- radio control service
 - See* RCS
- radio descriptors [9-31](#)
 - deleting [9-53](#)
 - described [9-31](#)
 - format example [9-32](#)
 - IDC operation caveats [9-46](#)
 - managing [9-30](#)
 - updating [9-51](#)
- radio preferences [3-23, 4-10](#)
- rds.log
 - file [12-24](#)
- rds.log, downloading [12-24](#)
- RCS logs
 - downloading [12-24](#)
 - entry types [12-21](#)
 - overview [12-21](#)
 - viewing [12-20](#)
- RCS Logs window
 - described [12-20](#)
 - log entry types [12-21](#)
- reactivate
 - action [6-29](#)
 - policy [6-29](#)
 - VTG [5-33](#)
- recipient list
 - for external notification [B-3](#)
 - format [B-3](#)
- recommended update, for IDC [2-126](#)
- recording, spoken names prompts [8-26](#)
- recovering, system administrator [3-42](#)
- recurrence, of trigger [6-21](#)
- redundant server [10-2](#)
- refreshing, Administration Console [1-14](#)

regions

- adding [2-137](#)
- deleting [2-139](#)
- viewing or editing [2-138](#)

removing

- channel [2-31](#)
- channel from channel group [2-38](#)
- channel group [2-40](#)
- incident [2-85](#)
- radio [9-26](#)
- RMS [2-73](#)
- user [3-43](#)
- user group [3-52](#)
- VTG [5-15](#)

repository [8-11, 8-31](#)

required information, in Cisco IPICS
windows [1-12, 1-17](#)

rerecording, spoken names prompts [8-26](#)

restoring a backed-up database [11-13](#)

Restrict Operator Role assignments, setting
described [2-111](#)

retention period [2-110](#)

RMS

- activating [2-62, 2-67](#)
- adding [2-68](#)
- calculating DSPs [A-18](#)
- configuration, merging [2-74](#)
- configuring
 - managing [2-74](#)
 - security features [A-2](#)

T1/E1 controllers, interfaces, and
voice parameters [A-10](#)

connectivity guidelines [A-6](#)

controllers [2-66](#)

deactivated status [2-65, 2-67](#)

deactivating [2-62, 2-67](#)

deleting [2-73](#)

described [1-7](#)

ds0 groups [A-6](#)

dspfarm configuration [A-17](#)

E1 timeslots [A-7](#)

editing information [2-62](#)

host name [2-65](#)

IP address [2-65](#)

IP address selection

- Ethernet interface [A-8](#)

- guidelines [A-8](#)

- Loopback0 interface [A-8](#)

- Vif1 interface [A-9](#)

location [2-64](#)

loopback [2-66](#)

managing

- configuration [2-74](#)

- overview [2-59](#)

merging configuration [2-74](#)

name [2-64](#)

operational status [2-65](#)

removing [2-73](#)

security features [A-2](#)

status [2-65](#)

- status of routers in RMS window [2-60](#)
- stopping
 - state [2-67](#)
 - status [2-65](#)
- T1 timeslots [A-6](#)
- unconfigured status [2-65](#)
- unreachable status [2-65](#)
- updating
 - configuration [2-74](#)
 - information in Cisco IPICS [2-74](#)
 - viewing information [2-63](#)
- RMS dashboard
 - elements [12-9](#)
 - overview [12-8](#)
- RMS polling frequency, setting interval [2-109](#)
- role
 - all [1-9, 3-12](#)
 - assigning [3-12](#)
 - changing [3-12](#)
 - Cisco IPICS [1-8](#)
 - described [3-12](#)
 - dispatcher [1-9, 3-12, 5-1](#)
 - Linux user [1-9](#)
 - operator [1-9, 3-1, 3-12](#)
 - ops view administrator [1-8, 3-12](#)
 - system administrator [1-8, 2-1, 3-12](#)
 - user [1-8, 4-1](#)
- roles, field described [4-5](#)

- router
 - See* RMS
- router media service
 - See* RMS
- RX mute during PTT
 - on channel [2-18](#)
 - on radio [9-19](#)

S

- scheduled policy, information about [6-28](#)
- scripts
 - adding [8-32](#)
 - BulkNotifyDialer [8-31](#)
 - changing information about [8-33](#)
 - deleting [8-34](#)
 - described [8-1](#)
 - dial engine [8-31](#)
 - IppeDialin [8-31](#)
 - IppeDialout [8-31](#)
 - IppeRecording [8-31](#)
 - languages [8-11](#)
 - managing [8-31](#)
 - repository [8-31](#)
 - system [8-31](#)
 - viewing information about [8-33](#)
 - viewing list of [8-31](#)
- searching in Virtual Talk Groups window [5-35](#)

- secondary server
 - description [10-1](#)
 - high availability license on [2-86](#)
 - See also* high availability (HA)
- secure radio [9-13](#)
- Serial Radio Control Interface (SRCI)
 - accessing [9-27](#)
 - channel selectors [9-29](#)
 - IPICS Connect [9-29](#)
 - overview [9-4](#)
 - radio display and controls [9-28](#)
 - radio information [9-27](#)
- server, Cisco IPICS [1-6](#)
- server logs, viewing [12-15, 12-20](#)
- server time, synchronizing for high availability [10-12](#)
- server usage guidelines [1-11](#)
- Serviceability drawer, overview [12-1](#)
- services, obtaining information about [8-2](#)
- session initiation protocol (SIP), documentation [1-xxi](#)
- setting up Cisco IPICS [1-2](#)
- short message service (SMS), notification preference [3-23, 3-24, 4-10](#)
- short name for channel, field described [2-9](#)
- SHUTDOWN [8-3](#)
- SIP, configuring for Policy Engine [8-35](#)
- SIP provider
 - Cisco IOS [8-48](#)
 - Cisco Unified Communications Manager [8-43](#)
 - Cisco Unified Communications Manager Express [8-48](#)
 - configuring for Cisco IPICS [8-43](#)
 - described [8-43](#)
- software components, of Cisco IPICS [1-5](#)
- specifying order [3-29, 4-13, 4-17](#)
- split brain scenario
 - definition [10-4](#)
 - resolving [10-15](#)
- spoken names prompts
 - changing information about [8-29](#)
 - deleting [8-30](#)
 - described [8-21](#)
 - downloading [8-25](#)
 - for user [3-38](#)
 - recording [8-26](#)
 - replacing .wav file [8-26](#)
 - rerecording [8-26](#)
 - uploading [8-23](#)
 - viewing list of [8-22](#)
- Spoken Names window [8-22](#)
- SSL certificate, creating on Cisco IPICS server [D-1](#)
- standard script prompts
 - described [8-14](#)
 - uploading [8-15](#)
 - viewing list of [8-15](#)
- Standard Script Prompts window [8-15](#)
- standby server
 - description [10-1](#)

See also high availability (HA)

status

channel [2-12](#)

DS0 [2-71](#)

multicast address [2-53, 2-57](#)

Status Details window [8-3](#)

stopping, RMS status in RMS window [2-65](#)

sub-VTG [5-7](#)

system administrator role

described [1-8, 2-1, 3-12](#)

responsibilities [2-1](#)

System dashboard, overview [12-3](#)

system logs

downloading [12-19, 12-24](#)

entry types [12-16](#)

overview [12-16](#)

viewing [12-15](#)

System Logs window

described [12-2, 12-15](#)

log entry types [12-16](#)

system preferences, setting in Options window [2-107](#)

system status, monitoring [12-15, 12-20](#)

Associations [3-21](#)

Dial Login [3-13](#)

General Information [3-9, 3-12](#)

IDC [3-18](#)

Talk Group notification [6-10](#)

telephony user interface

See TUI

time out, period for Administration Console [1-20](#)

tone broadcast wave files

See alert tones

tone descriptor files, for radios [9-35](#)

tone descriptors

adding [9-50](#)

deleting [9-53](#)

described [9-35](#)

IDC operation caveats [9-46](#)

updating [9-51](#)

tone sequences

description field, described [9-7](#)

enabled state check box [9-7](#)

label [9-7](#)

momentary control [9-7](#)

stateful control [9-7](#)

tone sequences, described [9-35](#)

trace

advanced activities [8-8](#)

cluster view daemon [8-4](#)

configuring, trace files

number [8-5](#)

T

T1/E1 controller configuration [A-5](#)

T1 timeslots [A-6](#)

tab

Address Information [3-10](#)

- size [8-5](#)
- debug [8-5](#)
- default levels [8-7, 8-9](#)
- described [8-4](#)
- dial engine [8-4](#)
- dump
 - memory trace [8-9](#)
 - threads trace [8-8](#)
- facilities [8-4, 8-7](#)
- files [8-4](#)
- interpreting trace files [8-10](#)
- levels [8-4, 8-6](#)
- maximum size of all trace files on systems [8-6](#)
- obtaining trace files [8-10](#)
- recommendations for [8-5](#)
- XDebug (extended debug) [8-5](#)
- TRACE-level error messages [12-16, 12-21](#)
- transaction log [10-22](#)
- trigger
 - adding [6-19](#)
 - definition [6-1](#)
 - deleting [6-22](#)
 - overview [6-19](#)
 - recurrence [6-21](#)
 - updating [6-19](#)
 - viewing [6-19](#)
- TUI (telephony user interface)
 - accessing [6-31](#)
 - activities [6-31](#)

- described [6-31](#)
- dial-in floor [6-34](#)
- dial login for [3-13](#)
- digit ID [3-14](#)
- guidelines
 - general [6-32](#)
 - menu [6-33](#)
- logging in [6-31](#)
- PIN [3-14](#)
- speaking [6-34](#)
- type, channel connection [2-12](#)

U

- unconfigured, RMS status [2-65](#)
- understanding [7-29](#)
 - Activity Log Management window [2-100](#)
 - Channels window [2-4](#)
 - Descriptors window [9-48](#)
 - IDC Regions window [2-137](#)
 - Incidents window [2-77](#)
 - Ops View window [7-3](#)
 - Radios window [9-8](#)
 - RMS window [2-60](#)
 - Virtual Talk Groups window [5-3](#)
- unlocking a user account [3-41](#)
- unmute
 - Cisco Unified IP Phone [3-15](#)
 - dial-in phone [3-15](#)

- end device [3-15](#)
- IDC [3-15](#)
- unmuting IDC user in a VTG [5-22](#)
- unreachable, RMS status [2-65](#)
- updating
 - descriptors [9-51](#)
 - radio and tone descriptors [9-51](#)
 - RMS configuration [2-74](#)
- uploading
 - IDC versions [2-125](#)
 - license file [2-93](#)
 - standard script prompts [8-15](#)
- used by field, for multicast address [2-53](#)
- user
 - adding
 - dial preferences in user profile [4-15](#)
 - IDC preference in user profile [4-14](#)
 - notification preferences in user profile [4-10](#)
 - radio preferences in user profile [4-12](#)
 - to system [3-5](#)
 - to VTG template [5-8](#)
 - address
 - information [3-10](#)
 - street [3-11](#)
 - associating
 - ops views with [3-37](#)
 - policy with [3-31, 6-23](#)
 - PTT channels with [3-30](#)
 - radios with [3-33](#)
 - to PTT channels [2-26](#)
 - associating radios with, from Radios window [9-22](#)
 - changing information in user profile [4-2](#)
 - channel association [4-18](#)
 - copying [3-5](#)
 - default location [3-14](#)
 - deleting
 - dial preferences in user profile [4-15](#)
 - from system [3-43](#)
 - notification preferences in user profile [4-10](#)
 - radio preferences in user profile [4-12](#)
 - described [3-1, 3-2](#)
 - dial preferences [4-17](#)
 - digit ID [3-14](#)
 - digit password (PIN) field [3-14, 4-7](#)
 - disabled [3-40](#)
 - downloading IDC [4-22](#)
 - editing
 - dial preferences in user profile [4-15](#)
 - IDC dial preference in user profile [4-14](#)
 - notification preferences in user profile [4-10](#)
 - radio preferences in user profile [4-12](#)
 - enabled [3-40](#)
 - general information [3-8](#)
 - in inactive VTG [5-7](#)
 - list of VTGs in which is a participant [3-39](#)
 - locking account [3-41](#)

- managing
 - associations [4-17](#)
 - communications preferences [4-9](#)
 - profile [4-2](#)
- name [3-6, 3-9](#)
- ops view for [3-36](#)
- order
 - of dial preferences [4-17](#)
 - of radio preferences [3-29, 4-13](#)
- password [3-9](#)
- PIN [3-14](#)
- radio preferences [3-29, 4-13](#)
- recovering deleted system administrator [3-42](#)
- removing [3-43](#)
- search for in VTG window [5-35](#)
- status [3-40](#)
- unlocking account [3-41](#)
- updating IDC dialer preferences in user profile [4-14](#)
- viewing
 - associations [4-22](#)
 - dial preferences [4-15](#)
 - IDC dialer preferences [4-14](#)
 - notification preferences [4-10](#)
 - radio preferences [4-12](#)
- user associations
 - Channels tab, described [4-18](#)
 - Incidents tab, described [4-20](#)
 - Phones tab, described [4-20](#)
 - Policies tab, described [4-21](#)
 - Radios tab, described [4-19](#)
 - Virtual Talk Groups tab, described [4-21](#)
- User dashboard
 - elements [12-7](#)
 - overview [12-6](#)
- User Details window
 - activities [1-16](#)
 - enabling or disabling latch for IDC user [5-25](#)
- user group
 - adding
 - members to [3-47](#)
 - new [3-45](#)
 - to VTG template [5-8](#)
 - associating ops views with [3-49](#)
 - changing name of [3-50](#)
 - deleting [3-52](#)
 - described [3-1, 3-43](#)
 - list of VTGs in which is a participant [3-51](#)
 - naming recommendation [3-46](#)
 - ops view for [3-49](#)
 - removing [3-52](#)
- User Groups window
 - accessing [3-44](#)
 - described [3-44](#)
- user interface log file [3-17, 3-19](#)
- User Management drawer, accessing [3-1](#)
- user name of RMS field, described [2-65](#)

user profile

- account status field, described [4-4](#)
- address field, described [4-5](#)
- belongs to field, described [4-5](#)
- confirm password field, described [4-4](#)
- default location [4-7](#)
- described [4-2](#)
- dial preferences field, described [4-9](#)
- digit ID field, described [4-6](#)
- first name field, described [4-3](#)
- IDC info field, described [4-8](#)
- IPICS status field, described [4-4](#)
- last name field, described [4-3](#)
- new password field, described [4-4](#)
- notification preferences field, described [4-9](#)
- old digit password field, described [4-6](#)
- old password field, described [4-3](#)
- password expiration date field, described [4-4](#)
- roles field, described [4-5](#)
- user name field, described [4-3](#)

User Radio Permissions window [3-35, 3-36](#)

user role

- described [1-8](#)
- responsibilities [4-1](#)

users

- phone associations [4-20](#)
- policy associations [4-21](#)
- radio associations [4-19](#)

VTG associations [4-21](#)

Users window

- accessing [3-3](#)
- described [3-2](#)

V

viewing

- activity logs [2-101](#)
- and downloading archived activity logs [2-103](#)
- and editing user associations, My Associations window [4-2](#)
- channel associations [2-30](#)
- IDC
 - alert tone sets [2-131](#)
 - regions [2-138](#)
- ops view resources [7-23](#)
- or editing locations [2-49](#)
- user associations [4-22](#)

virtual talk group

See VTG

Virtual Talk Group dashboard

- elements [12-6](#)
- overview [12-6](#)

voice activity detection

- enable field [2-18](#)
- enabling on IDC [5-10, 5-13](#)

voice delay [9-14](#)

VTG

- activating [5-18](#)
- active [5-2, 5-16](#)
- adding
 - channel [5-7](#)
 - channel group [5-7](#)
 - new [5-9](#)
 - participants [5-19](#)
 - radio [5-7](#)
 - to VTG template [5-8](#)
 - user [5-8](#)
 - user group [5-8](#)
 - VTG [5-8](#)
- best practices [5-38](#)
- changing the status of [5-18](#)
- channel in inactive [5-7](#)
- Cisco Unified IP Phone user in [5-20](#)
- deactivating [5-19](#)
- deleting [5-15](#)
- dialing out to participants in active [5-28](#)
- disabling
 - IDC attributes in active [5-28](#)
 - latch in User Details window [5-25](#)
- empty [5-7](#)
- enabling
 - IDC attributes in active [5-28](#)
 - latch in User Details window [5-25](#)
- guidelines for managing
 - active [5-16](#)
 - inactive [5-6](#)
- IDC user in [5-20](#)
- inactive [5-2](#)
- incident [2-76](#)
- in which user group is participating [3-51](#)
- list in which user is participating [3-39](#)
- managing [5-2](#)
 - active [5-16](#)
 - inactive [5-6](#)
- modifying [5-12](#)
- multicast address used by [2-51](#)
- muting an IDC user [5-22](#)
- non-secure channel in [5-7](#)
- notifying participants in active [5-28](#)
- participant in itself [5-7](#)
- participants [5-19](#)
- reactivating [5-33](#)
- removing
 - from system [5-15](#)
 - participants [5-19](#)
- search for in VTG window [5-35](#)
- secure channel in [5-7](#)
- seeing as user on Cisco Unified IP Phone [C-9](#)
- sub-VTG [5-7](#)
- unavailable channel [5-33](#)
- unmuting an IDC user [5-22](#)
- user in inactive [5-7](#)
- VTG add participants action [6-8, 6-15](#)
- VTG search utility, using [5-35](#)

W

WARN-level error messages [12-16, 12-21](#)

X

X, in Activate VTG Details area [5-34](#)

Xdebug (extended debug) trace level [8-5](#)