



INDEX

A

- activating services
 - BPS [82-1](#)
 - TAPS [80-5](#)
- adding intercom templates
 - field descriptions [3-48](#)
- adding lines
 - field descriptions for BAT spreadsheet [10-11, 45-3](#)
 - field descriptions for template [3-33](#)
 - to existing phones [10-9, 45-1](#)
 - to existing phones using BAT spreadsheet [10-10, 45-2](#)
 - to existing user device profiles [10-9, 45-1](#)
 - to phone template [3-4](#)
- associating file format for text-based CSV file [4-5, 26-1, 38-1, 59-11](#)
- auto-registration, enabled for Cisco Unified CallManager
 - enable auto-registration for TAPS [80-2](#)
- auto-registration options, configuring [80-7](#)

B

- BAT
 - application overview [1-1](#)
 - browser requirements [1-11](#)
 - configuration process overview [1-3](#)
 - data input files [1-2](#)
 - error messages [83-3](#)
 - installation [1-2](#)
 - log files location [83-3](#)
 - online help [1-11](#)
 - scheduling jobs [82-1](#)
 - troubleshooting [83-3](#)
 - troubleshooting performance [83-7](#)
 - version [1-11](#)
- BAT.xlt, see BAT spreadsheet
- BAT Performance [B-1](#)
- BAT spreadsheet
 - adding lines to existing phones [10-10, 45-2](#)
 - Catalyst 6000 FXS ports [50-3](#)
 - field descriptions
 - adding lines [10-11, 45-3](#)
 - updating users [18-2](#)
 - user device profile [35-4](#)
 - IP telephony devices [3-51](#)
 - manager assistant associations [29-9](#)
 - overview [1-8](#)
 - phone migration
 - creating CSV data file for phone migration [65-1](#)
 - phones [3-51](#)
 - phones with users [25-1](#)
 - Unified CM Assistant custom manager assistant for proxy mode [29-11](#)
 - Unified CM Assistant default manager assistant [29-10](#)
 - user device profile [35-2](#)
 - users [15-2](#)
 - using for CSV data file [1-8](#)
- VG200 gateway for T1 CAS or T1/E1 PRI [50-1](#)
- VG202 and VG204 gateway for FXS or VG202 and VG204 gateway
 - creating CSV data file for FXS [50-6](#)
- VG224 gateway for FXS or VG224 gateway
 - creating CSV data file for FXS [50-4](#)
- browser requirements [1-11](#)
- Bulk Provisioning Service
 - activating BPS [82-1](#)

deactivating BPS [82-2](#)

Busy Lamp Field Directed Call Park, adding or updating [3-7](#)

C

Call Pickup Groups

BAT considerations [55-1](#)

BAT settings for inserting CSV file (table) [55-5](#)

creating a CSV file (BAT.xlt) [55-2](#)

creating custom CSV file (text-based) [A-24](#)

CSV file settings (table) [55-4](#)

inserting CSV file in BAT [55-4](#)

updating existing CSV file [55-3](#)

using query to delete call pickup groups [56-1](#)

Catalyst 6000 FXS ports

creating CSV data file [50-3](#)

text-based CSV file, creating [A-18](#)

text-based CSV file format [A-19](#)

Cisco CRS

configuring TAPS [80-5](#)

required for TAPS [80-2](#)

troubleshooting TAPS [83-8](#)

Cisco Customer Response Solutions, see Cisco CRS

Cisco IME Link Learned Route Filter Element Configuration

Deleting [78-1](#)

Cisco Unified CallManager

enable auto-registration for TAPS [80-2](#)

inserting

CTI ports [6-1, 17-1, 40-1, 50-1](#)

emcc [67-1](#)

H.323 clients [6-1, 17-1, 40-1, 50-1](#)

phones [6-1, 17-1, 40-1, 50-1](#)

phones with users [28-1](#)

Unified CM Assistant manager-assistant associations [30-1](#)

users [17-1](#)

VG200 gateway (FXS or FXO) [50-8](#)

VG200 gateway (T1 CAS or T1/E1 PRI) [50-8](#)

overview of inserting records [1-10](#)

Cisco Unified CallManager Assistant, see Unified CM Assistant

Cisco Unified CM Assistant Configuration Wizard [29-2](#)

Cisco Unified IP-IVR

required for TAPS [80-2](#)

Cisco VG202 or VG204 Gateway Template

create [48-11](#)

Client Matter Codes

BAT considerations [53-2](#)

BAT settings for inserting CSV file (table) [53-7](#)

configuration checklist (table) [53-1](#)

creating a CSV file (BAT.xlt) [53-3](#)

creating custom CSV file (text-based) [A-21](#)

CSV file settings (table) [53-5](#)

inserting CSV file in BAT [53-6](#)

updating existing CSV file [53-4](#)

CMC

text-based CSV file, updating [A-22](#)

configuring Cisco Unified CallManager records, process [1-3](#)

configuring gateway file format [49-2](#)

copying

file format for text-based CSV [37-3](#)

file format for text-based CSV file [4-3, 49-3, 59-9](#)

phone template [3-9](#)

template [36-5](#)

user template [16-3](#)

CPG

text-based CSV file, updating [A-25](#)

creating

Cisco VG202 or VG204 Gateway Template [48-11](#)

CSV, comma separated values text file [1-2](#)

CSV, text-based

Catalyst 6000 FXS ports, creating [A-18](#)

Catalyst 6000 FXS ports format [A-19](#)

CMC

options [53-4](#)

- updating [A-22](#)
- CPG
 - options [55-3](#)
 - updating [A-25](#)
- CTI ports format [A-3](#)
- CTI ports-users format [A-4](#)
- FAC
 - options [53-4](#)
 - updating [A-23](#)
- FXO or FXS ports format [A-15](#)
- H.323 clients format [A-3](#)
- H.323 client-users format [A-4](#)
- manager assistant associations
 - creating [A-13](#)
 - custom format [A-14](#)
- manager assistant default formats [A-14](#)
- overview [A-1](#)
- phones
 - creating [A-2](#)
 - export file, all details [A-5](#)
 - options [4-1](#)
 - tips for creating [A-3](#)
 - with users format [A-3](#)
- T1 CAS, T1/E1 PRI format [A-16](#)
- user device profile format [A-10](#)
- user device profile options [37-1](#)
- user device profiles
 - creating [A-9](#)
 - export file [A-12](#)
 - two lines format [A-11](#)
- users
 - creating [A-7](#)
 - format [A-7](#)
 - updating [A-8](#)
- VG200 gateways, creating [A-15](#)
- VG202 and VG204 gateways, creating [A-19](#)
- VG224 gateways, creating [A-17](#)
- CSV data file
 - adding new devices [1-5](#)

- overview [1-5](#)
- updating existing devices [1-6](#)
- using BAT spreadsheet (BAT.xlt) [1-8](#)
- CTI ports
 - deleting [8-1, 13-1, 42-1](#)
 - dummy MAC address, using [6-2, 28-1, 40-2](#)
 - text-based CSV format [A-3](#)
- CTI ports-users
 - text-based CSV format [A-4](#)
- custom file
 - deleting phones [8-3, 42-2](#)
 - deleting Unified CM Assistant managers [32-2, 33-2](#)
 - deleting users [19-2](#)
 - updating phones [7-2](#)
 - using [1-6](#)
 - using to reset password and PIN [21-3](#)

D

- Delete
 - End User CAPF Profiles [24-2](#)
 - Unassigned directory numbers [8-4](#)
- Deleting
 - Cisco IME Link Learned Route Filter Element Configuration [78-1](#)
 - End User CAPF Profiles [24-2](#)
 - Unassigned Directory Numbers [8-4](#)
- deleting
 - call pickup groups [56-1](#)
 - emcc devices [68-1](#)
 - EMCC template [66-3](#)
 - file format for text-based CSV file [4-5, 37-4, 49-4](#)
 - manager-assistant associations [31-1](#)
 - phones using custom files [8-3, 42-2](#)
 - phones using query [8-1, 13-1](#)
 - phone template [3-10](#)
 - remote destination file format for text-based CSV file [59-10](#)
 - Remote Destination Profiles using query [59-12](#)

- template [36-6](#)
- Unified CM Assistant assistants [33-1](#)
- Unified CM Assistant managers [32-1](#)
- user device profiles [42-1](#)
- users [19-1](#)
- user template [16-3](#)
- VG200 gateway [51-1](#)
- dialed number analyzer
 - trace configuration files [83-1](#)
- directory number
 - finding secure directory numbers from TAPS [80-8](#)
 - lifting restrictions [80-9](#)
 - restricting from TAPS [80-8](#)
 - securing from TAPS [80-7](#)
- downloading phone configuration using Unified TAPS [81-3](#)
- dummy MAC address [3-53, 6-2, 28-1, 40-2](#)
 - generate a list [12-6](#)

E

- E1 PRI
 - creating CSV file for VG200 gateway [50-1](#)
 - field descriptions for VG200 gateway template [48-31](#)
 - text-based CSV file format [A-16](#)
- E1 PRI ports [48-8](#)
- EMCC
 - deleting devices [68-1](#)
 - template [66-2](#)
 - deleting [66-3](#)
 - field descriptions [66-3](#)
 - finding template [66-1](#)
- emcc
 - insert [67-1](#)
 - inserting [67-1](#)
 - inserting to Cisco Unified CallManager [67-1](#)
 - updating [67-2](#)
- End User CAPF Profiles
 - Delete [24-2](#)

- Deleting [24-2](#)
- Export [24-3](#)
- Exporting [24-3](#)
- error messages, BAT [83-3](#)
- Export
 - End User CAPF Profiles [24-3](#)
- exported fields [59-15](#)
 - all phone details [9-2](#)
 - all user device profile details [43-1](#)
 - default phone details [9-2](#)
 - default user device profile details [43-2](#)
- Exporting
 - End User CAPF Profiles [24-3](#)
- exporting
 - fields
 - all phone details [9-2](#)
 - all user device profile details [43-1](#)
 - default phone details [9-2](#)
 - Default Remote Destination Profile file format details [59-15](#)
 - default user device profile details [43-2](#)
 - line appearance [23-2](#)
 - moving records from one Cisco Unified CallManager to another [9-1](#)
 - phone records options [9-1](#)
 - phones with more than one user [9-5](#)
 - remote destination profile records options [59-13](#)
 - steps for exporting phone records [9-3](#)
 - user device profile options [43-3](#)
 - user device profile records format [43-1](#)
 - user records format [20-1](#)
 - user records options [20-1](#)
 - using export files [1-6](#)
- Extension Mobility Cross Cluster
 - template
 - finding template [66-1](#)

F

FAC

- text-based CSV file, updating [A-23](#)

field descriptions

- adding or updating intercom template [3-48](#)

- adding or updating lines [3-33](#)

BAT spreadsheet

- adding lines [10-11, 45-3](#)

- updating users [18-2](#)

- user device profile [35-4](#)

- EMCC template [66-3](#)

- phone template [3-11](#)

- updating lines [10-3, 44-3](#)

- updating users with BAT spreadsheet [18-2](#)

- user device profile template [36-2](#)

- user template [16-4](#)

- VG200 gateway - T1/E1 PRI template [48-31](#)

- VG200 gateway - T1 CAS template [48-27](#)

file format for gateway

- finding [49-1](#)

file format for text-based CSV file

- associating [4-5, 26-1, 38-1, 59-11](#)

- copying [4-3, 37-3, 49-3, 59-9](#)

- creating phone [4-3, 49-2](#)

- creating remote destination profile [59-8](#)

- creating user device profile [37-2](#)

- deleting [4-5, 37-4, 49-4](#)

- finding [4-2, 37-1, 59-7](#)

- modifying [4-4, 37-4, 49-4](#)

- overview [1-7](#)

file format for text-based CSV file gateway

- associating [49-5](#)

finding

- EMCC template [66-1](#)

- file [2-1](#)

- gateway file format [49-1](#)

- gateway templates [48-3](#)

- jobs [82-3](#)

- line appearances [23-1](#)

- phone file format [4-2](#)

- phone template [3-2](#)

- remote destination file format [59-7](#)

- secure directory numbers from TAPS [80-8](#)

- UDP file format for text-based CSV [37-1](#)

- UDP template [36-1](#)

- user template [16-1](#)

Forced Authorization Codes

- BAT considerations [53-2](#)

- BAT settings for inserting CSV file (table) [53-7](#)

- configuration checklist (table) [53-1](#)

- creating a CSV file (BAT.xlt) [53-3](#)

- creating custom CSV file (text-based) [A-21](#)

- CSV file settings (table) [53-5](#)

- inserting CSV file in BAT [53-6](#)

- updating existing CSV file [53-4](#)

FXO

- inserting VG200 gateway to Cisco Unified CallManager [50-8](#)

- text-based CSV file format for VG200 gateway [A-15](#)

FXO ports [48-7](#)

FXS

Catalyst 6000 ports

- creating CSV data file [50-3](#)

- text-based CSV format [A-19](#)

- creating template for Catalyst 6000 ports [48-9](#)

VG200 gateways

- inserting to Cisco Unified CallManager [50-8](#)

- text-based CSV file format [A-15](#)

G

gateway

- associating file format for text-based CSV file [49-5](#)

gateway file format

- configuring [49-2](#)

- finding [49-1](#)

gateway template

- adding or editing [48-4](#)
- Catalyst 6000 FXS ports
 - creating template [48-9](#)
- configuration settings [48-13](#)
- finding [48-3](#)
- port configuration settings (table) [48-45](#)
- POTS port configuration settings (table) [48-45](#)
- VG200 gateway template
 - creating template [48-5, 48-10, 48-11](#)
 - FXO ports, adding [48-7](#)
 - T1-CAS ports, adding [48-8](#)
 - T1 PRI or E1 PRI ports, adding [48-8](#)
- VG202 and VG204 create [48-11](#)

H

H.323 clients

- deleting [8-1, 13-1, 42-1](#)
- text-based CSV format [A-3](#)

H.323 client-users

- text-based CSV format [A-4](#)

help, online [1-11](#)

I

import/export

- validate [64-1](#)

insert

- emcc [67-1](#)

inserting

- emcc [67-1](#)

inserting records to Cisco Unified CallManager, overview [1-10](#)

installing

- TAPS overview [80-4](#)
- TAPS prerequisites [80-4](#)

instructions, TAPS for end-users [81-3](#)

Intercom DN's

- Add [47-2](#)

Intercom Templates

- adding or updating on template [3-8](#)

IP telephony devices

- supported with BAT [16-1](#)

IP telephony devices, see phones

J

jobs

- activating BPS [82-1](#)
- deactivating BPS [82-2](#)
- finding [82-3](#)
- scheduling [82-4](#)
- viewing log files [82-6](#)

Llanguage prompts for TAPS [80-4](#)

line appearance

- export [23-2](#)
- update [23-3](#)

line appearances

- find [23-1](#)
- view [23-1](#)

lines

- adding or updating on template [3-4](#)
- field descriptions in template for adding or updating [3-33, 3-48](#)
- master phone template [1-5](#)
- maximum number [3-5, 3-8](#)
- updating to user device profiles [44-1](#)

log files

- BAT [83-3](#)
- file naming convention [83-3](#)
- report log files [12-6, 22-2, 34-2, 52-2](#)
- viewing job log files [82-6](#)

M

master phone template [1-5](#)

MGCP

T1-CAS ports [48-8](#)

T1 PRI or E1 PRI ports, adding [48-8](#)

migrating phones

phone migration procedure [65-2](#)

modifying

file format for text-based CSV [37-4](#)

file format for text-based CSV file [4-4, 49-4](#)

phone template [3-9](#)

remote destination file format for text-based CSV file [59-9](#)

user template [16-3](#)

N

NM-1V [48-14](#)

NM-2V [48-14](#)

NM-HDV [48-14](#)

O

overriding template values [1-5](#)

overview

BAT application [1-1](#)

BAT spreadsheet [1-8](#)

Cisco Unified CM Assistant [29-1](#)

CSV data file [1-5](#)

data input files [1-2](#)

file formats for text-based CSV files [1-7](#)

inserting records to Cisco Unified CallManager [1-10](#)

installation [1-2](#)

reports [12-1, 22-1, 46-1](#)

TAPS [80-1](#)

templates [1-4](#)

text-based CSV files [A-1](#)

user device profiles [35-1](#)

users [15-1](#)

validating [1-9](#)

P**passwords**

resetting [21-1](#)

phone migration

creating CSV data file [65-1](#)

phones**adding**

Busy Lamp Field Directed Call Park settings [3-7](#)

Intercom template [3-8](#)

IP services [3-5](#)

lines [3-4](#)

lines to existing [10-9, 45-1](#)

speed dial settings [3-6, 3-7](#)

with users [25-1](#)

configuring CAPF [3-76, 16-6, 66-4](#)

creating text-based CSV file [A-2](#)

deleting [8-1, 13-1, 42-1](#)

dummy MAC address, using [3-53, 6-2, 28-1, 40-2](#)

dummy MAC addresses list [12-6](#)

export file with all details [A-5](#)

exporting records options [9-1](#)

exporting records steps [9-3](#)

generating reports [12-1](#)

insert to Cisco Unified CallManager [6-1, 17-1, 40-1, 50-1](#)

proxy mode for Unified CM Assistant [29-2](#)

reloading configurations [80-3](#)

report options [12-3](#)

template

copying [3-9](#)

creating new [3-4](#)

deleting [3-10](#)

field descriptions [3-11](#)

finding template [3-2](#)

for IP telephony devices [3-4](#)

- modifying [3-9](#)
- Unified CM Assistant assistant [29-5](#)
- Unified CM Assistant manager configuration [29-4](#)
- updating [7-1, 18-1, 19-1](#)
- updating with custom file [7-2](#)
- updating with query [7-1](#)
- using TAPS to configure [80-2](#)
 - enable auto-registration [80-2](#)
- validating records [5-1, 39-1](#)

phones with users

- inserting to Cisco Unified CallManager [28-1](#)
- text-based CSV format [A-3](#)
- using BAT spreadsheet [25-1](#)
- validating records [27-1](#)

PINs

- resetting [21-1](#)

prerequisites

- TAPS [80-4](#)

Q

query

- customizing a filter [1-6](#)
- deleting call pickup groups [56-1](#)
- deleting phones [8-1, 13-1](#)
- deleting Remote Destination Profiles [59-12](#)
- deleting Unified CM Assistant managers [32-1, 33-1](#)
- deleting users [19-1](#)
- updating lines [44-1](#)
- updating phones [7-1](#)
- using to reset password and PIN [21-1](#)

R

remote destination file format for text-based CSV file

- deleting [59-10](#)
- modifying [59-9](#)

remote destination profile

- exporting records options [59-13](#)

Remote Destination Profile template [59-1](#)

reports

- dummy MAC addresses [12-6](#)
- overview [12-1, 22-1, 46-1](#)
- phone options [12-3](#)
- phones [12-1](#)
- Unified CM Assistant manager assistant [34-1](#)
- user device profile [46-1](#)
- users [22-1](#)
- VG200 gateway [52-1](#)

resetting password and PIN

- using custom file [21-3](#)
- using query [21-1](#)

resetting phones

- after update [11-1](#)
- using custom file [11-2](#)
- using query [11-1](#)

restarting phones

- after update [11-1](#)
- using custom file [11-2](#)
- using query [11-1](#)

S

securing directory numbers from TAPS [80-3, 80-7](#)

services, adding or updating [3-5](#)

speed dial settings, adding or updating [3-6, 3-7](#)

sub-unit [48-5, 48-10](#)

T

T1 CAS

- creating CSV data file for VG200 gateway [50-1](#)
- field descriptions for VG200 template [48-27](#)
- text-based CSV file format [A-16](#)

T1-CAS ports, adding [48-8](#)

- T1 PRI
 - creating CSV file for VG200 gateway [50-1](#)
 - field descriptions for VG200 gateway template [48-31](#)
 - text-based CSV file format [A-16](#)
- T1 PRI ports [48-8](#)
- TAPS
 - activating TAPS service [80-5](#)
 - Cisco CRS required [80-2](#)
 - Cisco Unified IP-IVR required [80-2](#)
 - configuring auto-registration options [80-7](#)
 - configuring on Cisco CRS server [80-5](#)
 - finding secure directory numbers [80-8](#)
 - installation overview [80-4](#)
 - instructions for end-users [81-3](#)
 - language prompts [80-4](#)
 - removing [81-2](#)
 - lifting restriction on directory numbers [80-9](#)
 - log files location [83-8](#)
 - overview [80-1](#)
 - reloading configurations [80-3](#)
 - requirements [80-1](#)
 - restarting service [80-6](#)
 - restricting directory numbers [80-8](#)
 - securing directory numbers [80-3, 80-7](#)
 - setting options for using [80-6](#)
 - starting service [80-6](#)
 - stopping service [80-6](#)
 - troubleshooting [83-8](#)
- template
 - EMCC [66-2](#)
- templates
 - adding or updating Busy Lamp Field Directed Call Park settings [3-7](#)
 - adding or updating intercom templates [3-8](#)
 - adding or updating IP services [3-5](#)
 - adding or updating lines [3-4](#)
 - adding or updating speed dial settings [3-6, 3-7](#)
 - BAT template overview [1-4](#)
 - copying [36-5](#)
 - copying phone [3-9](#)
 - copying users [16-3](#)
 - deleting [36-6](#)
 - deleting EMCC [66-3](#)
 - deleting phone [3-10](#)
 - deleting users [16-3](#)
 - field descriptions
 - adding or updating intercom templates [3-48](#)
 - adding or updating lines [3-33](#)
 - EMCC [66-3](#)
 - phone [3-11](#)
 - user device profiles [36-2](#)
 - users [16-4](#)
 - VG200 gateway - T1 CAS gateway [48-27](#)
 - finding [36-1](#)
 - master phone [1-5](#)
 - modifying [36-5](#)
 - modifying phone [3-9](#)
 - modifying users [16-3](#)
 - overriding values [1-5](#)
- template type
 - Catalyst 6000 FXS ports [48-9](#)
 - EMCC [66-2](#)
 - IP telephony devices [3-4](#)
 - phones [3-4](#)
 - Unified CM Assistant assistant for proxy mode [29-3](#)
 - Unified CM Assistant manager for proxy mode [29-3](#)
 - user device profiles [36-2](#)
 - users [16-2](#)
 - VG200 gateway template [48-5, 48-10, 48-11](#)
- trace configuration files
 - viewing [83-1](#)
- troubleshooting
 - BAT [83-3](#)
 - BAT log files [83-3](#)
 - BAT performance [83-7](#)
 - TAPS [83-8](#)

troubleshooting message

- BAT.xlt spreadsheet does not work with Excel XP (Office XP) [83-6](#)
- BAT excel sheet does not respond to actions [83-4](#)
- BAT menu does not display in Cisco Unified CallManager [83-3](#)
- BAT spreadsheet gives a compilation error while exporting data [83-4](#)
- cannot access complete BAT functionality [83-3](#)
- CSV data files do not match phone template/sample file [83-4](#)
- export to BAT does not work in BAT.xlt file [83-4](#)
- job does not display in find and list job window [83-5](#)
- jobs remain in hold state [83-5](#)
- jobs remain in pending state [83-5](#)
- MAC address values are not allowed in CSV file if dummy MAC address option selected [83-6](#)
- port number not configured in template [83-6](#)
- Record does not match the file format selected [83-6](#)
- uploaded csv file does not display [83-5](#)
- when Cisco CRS starts, JTAPI shows partial service or out of service [83-8](#)
- when dialing TAPS number, caller hears busy [83-8](#)

U

UDP, see user device profiles

unassigned directory numbers

- delete [8-4](#)

Unified CM Assistant

- assistant template for proxy mode [29-3](#)
- creating CSV data file [29-9](#)
- deleting assistants
 - described [33-1](#)
 - using custom file [33-2](#)
- deleting manager-assistant associations [31-1](#)
- deleting managers
 - described [32-1](#)
 - using custom file [32-2](#)
 - using query [32-1, 33-1](#)

generating reports [34-1](#)

inserting manager-assistant associations [30-1](#)

manager and assistant line configurations, proxy mode [29-3](#)

manager and assistant shared line configurations [29-8](#)

manager template for proxy mode [29-3](#)

overview [29-1](#)

phones

assistant configuration options [29-5](#)

manager configuration options [29-4](#)

proxy line example [29-5](#)

proxy lines on existing [29-6](#)

proxy lines on new [29-6](#)

proxy mode [29-2](#)

shared line example [29-8](#)

shared line mode [29-7](#)

setting up phones and lines [29-1](#)

text-based CSV file, creating [A-13](#)

text-based CSV file custom format [A-14](#)

Unified CM Assistant Configuration Wizard [29-2](#)

update

line appearance [23-3](#)

updating

emcc [67-2](#)

lines to user device profiles [44-1](#)

phone configuration using TAPS [81-3](#)

updating lines

field descriptions [10-3, 44-3](#)

uploading/downloading file

delete [2-3](#)

download [2-2](#)

finding [2-1](#)

user device profiles

adding lines to existing [10-9, 45-1](#)

BAT spreadsheet

field descriptions [35-4](#)

using [35-2](#)

creating CSV data file [35-2](#)

deleting [42-1](#)

- export file format [43-1](#)
- export file with all details [A-12](#)
- exporting record options [43-3](#)
- overview [35-1](#)
- removing [42-1](#)
- reports, generating [46-1](#)
- steps for adding [35-1](#)
- template
 - copying [36-5](#)
 - creating [36-2](#)
 - deleting [36-6](#)
 - finding [36-1](#)
 - modifying [36-5](#)
- text-based CSV file, creating [A-9](#)
- text-based CSV file format [A-10](#)
- updating lines [44-1](#)
- validating records [39-1](#)

users

- adding overview [15-1](#)
- adding with phones [25-1](#)
- creating CSV data file [15-2](#)
- deleting [19-1](#)
 - using custom file [19-2](#)
 - using query [19-1](#)
- exported records format [20-1](#)
- exporting records [20-1](#)
- field descriptions for updating with BAT spreadsheet [18-2](#)
- generating reports [22-1](#)
- inserting to Cisco Unified CallManager [17-1](#)
- resetting passwords and PINs [21-1](#)
- template
 - copying [16-3](#)
 - creating new [16-2](#)
 - deleting [16-3](#)
 - field descriptions [16-4](#)
 - finding [16-1](#)
 - for users [16-2](#)
 - modifying [16-3](#)

- text-based CSV file, creating [A-7](#)
- text-based CSV file, updating [A-8](#)
- text-based CSV format [A-7](#)
- updating [18-1](#)
- updating users field descriptions [18-2](#)

users with phones

- inserting to Cisco Unified CallManager [28-1](#)
- using BAT spreadsheet [25-1](#)
- validating records [27-1](#)

V

validate

- import/export [64-1](#)

validate import file [64-1](#)

validating

- options [1-9](#)
- overview [1-9](#)
- phone and user records [27-1](#)
- phone records [5-1, 39-1](#)
- user device profile records [39-1](#)

version, finding [1-11](#)

VG200 gateway

- creating CSV data file for T1 CAS or T1/E1 PRI [50-1](#)
- creating template [48-5, 48-10, 48-11](#)
- creating text-based CSV file [A-15](#)
- deleting gateway [51-1](#)
- field descriptions
 - T1/E1 PRI template [48-31](#)
 - T1 CAS template [48-27](#)
- generating reports [52-1](#)
- inserting to Cisco Unified CallManager (FXS or FXO) [50-8](#)
- inserting to Cisco Unified CallManager (T1 CAS or T1/E1 PRI) [50-8](#)

VG200 gateway template

- FXO ports, adding [48-7](#)

VG202 and VG04 gateway

- creating text-based CSV file [A-19](#)

VG224 gateway

 creating text-based CSV file [A-17](#)

VIC-2FXO [48-5](#)

VIC-2FXS [48-5, 48-10](#)

viewing

 line appearances [23-1](#)

viewing trace configuration files [83-1](#)

VWIC-1MFT-E1 [48-6](#)

VWIC-1MFT-T1 [48-5](#)

VWIC-2MFT-E1 [48-6](#)

VWIC-2MFT-T1 [48-6](#)