



A

active calls

backup **133**

restore **136**

addressing remote messages **176**

administration

CLI **17**

GU and CLI **33**

GUI **17**

Administration via Telephone **104**

Administration via Telephone system

configuring **67**

administrative privilege **104**

administrator, Cisco CME **19**

administrator, Cisco Unity Express **19**

administrator, web **19**

AIM module

usage **88**

wear **88**

alternate welcome greeting **12, 28**

application command **158**

applications

deleting **81**

atrace.log file **89**

auto attendant

AvT **73**

configuring **67**

deleting a greeting **74, 76**

GMS **13**

maximum retries **69**

maximum sessions **69**

operator extension **69**

recording a greeting **13, 69, 73, 75**

telephone number **69**

uploading greeting file **74, 75**

auto-provisioning **14**

AVT **104**

AvT **67**

recording a greeting **73**

B

backup

active calls **133**

command **131**

FTP server **129**

numbering scheme **133**

offline mode **129**

parameters **131**

procedure **133**

restrictions **14, 129, 130**

revision number **129**

backup category command **133**

backup history report **143**

blind addressing **176**

broadcast messaging restrictions **14**

broadcast privilege **104**

bulk provisioning **6**

C

call

displaying by application **123**

displaying by route **125**

implementation ID **127**

- call agent 18
- capacity
 - configuring 84
- ccn application command 65, 69, 87, 154
- ccn call terminate command 127
- ccn copy url command 74, 75
- ccn delete command 74, 76
- ccn engine command 152
- ccn subsystem sip command 62
- ccn trigger command 76, 158
- centralized message storage 14
- Cisco CME
 - description 18
 - Flash memory files 10, 26
 - IP path command 10, 11, 26
 - web administrator 11, 27
- Cisco CME router 18
- Cisco Unity Express
 - description 18
 - software files 46, 51, 54
- Cisco Unity Express prompt 162
- Cisco Unity Express software website 42, 46, 51, 54
- CiscoWorks configmaker 15
- clean installation, definition 44
- CLI administration 17, 33
- clock timezone command 172
- CNS/SNAP 14
- command
 - application 158
 - backup 131
 - backup category 133
 - ccn application 65, 69, 87, 154
 - ccn call terminate 127
 - ccn copy url 74, 75
 - ccn delete 74, 76
 - ccn engine 152
 - ccn subsystem sip 62
 - ccn trigger 76, 158
 - clock timezone 172
 - continue 133
 - copy ftp 139
 - copy running-config 105, 111, 139
 - copy startup-config 138
 - copy tftp 140
 - default 152, 154, 159
 - description 69, 116, 154
 - enabled
 - enabled command 69
 - expiration 116
 - gateway address 62
 - gateway port 62
 - greeting 116
 - groupname
 - config mode 111
 - EXEC mode 111
 - hostname 162
 - idletimeout 159
 - interface Service-Engine 30
 - ip address 30
 - ip domain-name 164
 - ip name-server 164
 - IP path 10, 26
 - ip unnumbered 30
 - locale 159
 - log trace 88
 - mailbox size 116
 - maxsessions 65, 69, 76, 154, 159
 - maxsteps 152
 - message size 116
 - mwi refresh 122
 - no ccn application 81
 - no ccn trigger 79, 81
 - no parameter 159
 - ntp server 166, 168
 - offline 133, 136
 - parameter 69, 87, 154
 - parameters
 - voicemail 65

- reload 136
- restore id 136
- script 154
- service-module 30, 32
- session 32
- show backup 131
- show backup history 133, 136
- show backup server 136
 - show backup server command 133
- show ccn applicable 65
- show ccn application 70, 81, 154
- show ccn call application 123
- show ccn call route 125
- show ccn engine 152
- show ccn scripts 65, 70, 154
- show ccn subsystem sip 62
- show ccn trigger 76, 79, 81, 159
- show clock detail 172
- show group detail groupname 111
- show groups 111
- show hosts 162
- show interface ide 0 88
- show ip route 164
- show ntp configuration 166, 168
- show ntp status 166, 168
- show user detail username 105
- show users 105
- show voicemail 116
- telnet 31
- troubleshooting
 - log 147
 - show 147
 - trace 147
- username
 - config mode 105
 - EXEC mode 105
- voice mailbox unlock 121
- voicemail capacity time 85
- voicemail default 85
- voicemail mailbox 116
- voicemail operator telephone 85
- voicemail recording time 85
- command environment 31
- commands 18, 145
- communication link to Cisco CallManager 29
- configuration 146
 - running 139
 - startup 138
 - TFTP 140
- configuration mode
 - backup commands 129
 - definition 31
- configurations, copying 138
- configuring
 - Administration via Telephone 67
 - auto attendant 67
 - capacity 84
 - dial peer 11, 27
 - DNS server 164
 - ephone-dn 12, 27
 - expiration date 84
 - host name 162
 - IP addresses 29
 - language 84
 - mailbox size 84
 - message length 84
 - multiple triggers 158
 - MWI lights 87
 - NTP server 166
 - operator extension
 - parameters
 - operator extension 85
 - recording time 84
 - script steps 152
 - system parameters 152
 - voice mail 64
- configuring time zone 172
- connectivity to Cisco CallManager 29

console display, system messages 170
 continue command 133
 copy ftp command 139
 copy running-config command 105, 111, 139
 copy startup-config command 138
 copy tftp command 140
 copying
 configurations 138
 copying log files, troubleshooting 146
 creating users and telephones 12, 27

D

databases
 synchronization 12, 27
 date and time restrictions 13
 daylight savings time 145
 default command 152, 154, 159
 default gateway 29
 default mailbox size 15, 16
 default values
 system-wide 84
 deleting messages 115
 deleting applications 81
 deleting triggers 81
 deployment
 Cisco Unity 18
 Cisco Unity Express 18
 description command 69, 116, 154
 dial peer 11, 27
 differences
 passwords 19, 105, 106, 108
 user IDs 19, 105, 106, 108
 differences in voice applications 19
 distribution lists restrictions 14
 DNS server
 resolving host name to IP address 166
 DNS server, configuring 164
 downloading license files 42

E

editor for scripts 13
 ephone 12, 27
 ephone-dn 12, 27
 EXEC mode, definition 31
 expiration command 116
 expiration date
 configuring 84
 expired messages 115
 expiry timer 115
 extension
 group 110
 external syslog server 170

F

factory-set system limits 15
 Fast Ethernet ports 14
 file
 atrace.log 89
 messages.log 89, 170
 file size
 messages.log 89
 prompt 73
 script 75
 Flash memory 139
 log and trace 88
 flash memory 31
 Flash memory module
 wear 88
 FTP
 server 42
 FTP configuration 139
 FTP server 7
 backup and restore 129

G

G.711 U-law 13
 G.711 ulaw 11, 27
 G711 ulaw 73
 gateway address command 62
 gateway port command 62
 GDM 115
 general delivery mailboxes 115
 GMS
 telephone numbers 67
 GMS, recording a greeting 13
 graceful shutdown 10, 26
 greeting
 recording alternate 12, 28
 greeting command 116
 greeting types 116
 greetings
 deleting a file 74, 76
 uploading 74, 75
 greetings restrictions 14
 group
 definition 110
 mailbox 110
 owner 110
 groupname command
 config mode 111
 EXEC mode 111
 groups
 extension 110
 GUI administration 17, 33

H

hard disk
 replacing restrictions 14
 host name 62
 host name configuration 162
 hostname command 162

I

idletimeout 158
 idletimeout command 159
 implementation ID 127
 initialization wizard 33
 installer file 42
 installing
 software image 45, 54
 integration
 Cisco Unity Express and Cisco CME 19
 interaction
 Cisco Unity Express and Cisco CME 18
 interface Service-Engine command 30
 IP
 addressing 29, 145
 communication link 29
 default-gateway 145
 unnumbered 145
 ip address command 30
 IP address, Cisco Unity Express module 12, 28
 ip domain-name command 164
 ip name-server command 164
 IP network access 6
 IP path for Cisco CME 10, 11, 26
 ip unnumbered command 30

J

JTAPI route point 158

L

language
 configuring 84
 language restrictions 14
 license
 SKUs 6
 license files 42

- downloading 42
- installing 43
- Linux software 5
- Linux system access 14
- locale command 159
- location spoken name, uploading and downloading 184, 193
- log files
 - system 7
 - troubleshooting 144, 146
- log trace command 88
- loop, voice mail 85
- lost data, troubleshooting 146
- LRU
 - maximum capacity 199

M

- mailbox
 - zerooutnumber 116
- mailbox size
 - configuring 84
 - default 15, 16
- mailbox size command 116
- mailboxes 115
 - expiration time 116
 - general delivery 115
 - greetings 116
 - group 110
 - limitations 115
 - message size 116
 - number of 15, 16
 - number supported 104
 - personal 115
 - storage size 115
 - storage stize 115
 - telephones supported 115
 - types 115
 - unlocking 121
- ManagePrompts privilege 104
- ManagePublicList privilege 104
- maximum callers 76, 158
- maximum retries
 - auto attendant 69
- maximum sessions 76, 158
 - auto attendant 69
- maximum steps 152
- maximum users
 - voice mail 64
- maxsessions command 65, 69, 76, 154, 159
- maxsteps command 152
- maxsteps parameter 152
- members of a group
 - definition 110
- message
 - tutorial 116
- message length
 - configuring 84
- message size command 116
- message storage
 - restrictions 14
- messages
 - expired 115
- messages.log file 89, 170
- messages.log, file size 89
- modes, EXEC and configuration 31
- module IP address 12, 28
- modules restrictions 14
- MWI extensions 12, 28
- MWI lights
 - configuring 87
 - off extension 87
 - on extension 87
 - refresh 87
 - refreshing 122
 - troubleshooting 147
- mwi refresh command 122

N

NDR 175

network module

- restrictions 14
- spare 6

network module card

- processor 6
- software 5

networked configurations 175

networking 17

no ccn application command 81

no ccn trigger command 79, 81

no parameter command 159

Non Deliver Record 175

NTP server

- hostname 166
- IP address 166
- removing 168

ntp server command 166, 168

NTP server, configuring 166

number of

- mailboxes 15, 16
- ports 15, 16

number of concurrent administrators 13

number of concurrent users 13

numbering scheme, backup files 133

O

offline command 133, 136

offline mode 133, 136

- backup commands 129

OIR

- restrictions 14
- troubleshooting 145

online insertion and replacement

- restrictions 14

operator extension

auto attendant 69

- configuring 85

owner of a group 110

P

parameter command 69, 87, 154

parameters

- backup 131
- capacity 84
- expiration date 84
- language 84
- mailbox size 84
- maxsteps 152
- message length 84
- recording time 84
- system-wide

 - configuring 84

parameters command

- voicemail 65

passwords

- characters allowed 19, 105, 106, 108

personal mailboxes 115

pinging internal address 145

port, implementation ID 127

ports

- Fast Ethernet 14
- number of 15, 16
- restrictions 14

privilege

- administrative 104
- broadcast 104
- ManagePrompts 104
- ManagePublicList 104
- superuser 104
- ViewPrivateList 104

prompt

- file size 73

prompt, formation 162

provisioning
 bulk 6
 proxy server 62

R

rebooting network module 144
 rebooting router 144
 recording
 AvT 73
 recording a greeting 69
 auto attendant 13, 73, 75
 GMS 13
 recording time
 configuring 84
 refreshing MWI lights 87, 122
 reload command 136
 removing an NTP server 168
 reports
 backup 143
 call history 143
 CPU usage 143
 mailbox 143
 mailbox size 143
 memory 143
 message status 143
 restore 143
 system 7
 system hardware 143
 resolving host name to IP address 166
 restore
 active calls 136
 FTP server 129
 procedure 136
 restrictions 14, 129, 130
 selective 14
 restore history report 143
 restore id command 136
 restrictions

administrators 13
 auto-provisioning with CNS/SNAP 14
 backup and restore 129, 130
 backups 14
 broadcast messaging 14
 centralized message storage 14
 CiscoWorks configmaker 15
 date and time 13
 distribution lists 14
 greetings 14
 language 14
 Linux system access 14
 managing with SNMP 14
 modules 14
 OIR 14
 replacing hard disk 14
 restores 14
 selective backup 14
 selective restore 14
 users 13
 router
 call agent 18
 router, Cisco CME 18

S

saving data, troubleshooting 146
 script
 file size 75
 script command 154
 script steps 152
 scripts
 creating 13
 editor software 13
 file size 13
 selective backup restrictions 14
 selective restore restrictions
 backup
 selective 14
 server

- syslog 170
 - service-module command 30, 32
 - service-module, troubleshooting 145
 - session command 32
 - sessions 76, 158
 - setting daylight savings time 145
 - severity level, system messages 170
 - show backup command 131
 - show backup history command 133, 136
 - show backup server command 136
 - show ccn applicable 65
 - show ccn application command 70, 81, 154
 - show ccn call application command 123
 - show ccn call route command 125
 - show ccn engine command 152
 - show ccn scripts command 65, 70, 154
 - show ccn subsystem sip command 62
 - show ccn trigger command 76, 79, 81, 159
 - show clock detail command 172
 - show group detail groupname command 111
 - show groups command 111
 - show hosts command 162
 - show interface ide 0 command 88
 - show ip route command 164
 - show ntp configuration command 166, 168
 - show ntp status command 166, 168
 - show user detail username command 105
 - show users command 105
 - show voicemail command 116
 - SIP dial peer 11, 27
 - SIP proxy server 62
 - hostname 62
 - ports 62
 - SIP triggers 76
 - deleting 79
 - SKUs 15, 16, 41
 - SNMP 14
 - software files 46, 51, 54
 - installer 42
 - license 42
 - software image, installing 45, 54
 - software image, upgrading 50
 - spare network modules 6
 - speed of internal line 145
 - spoken name
 - confirmation 187
 - network location 184, 193
 - recording 187
 - remote user 188
 - vCard 195
 - Startup configuration 138
 - steps
 - configuring 152
 - maximum number 152
 - storage hours 15, 16
 - superuser privilege 104
 - synchronization of databases 12, 27
 - syslog server 170
 - system access using IP network 6
 - system capacities 15, 16
 - system limits
 - factory set 15
 - system log files 7
 - system messages
 - console display 170
 - severity 170
 - system parameters
 - configuring 152
 - system reports 7, 143
 - system-wide
 - default values 84
 - system-wide parameters
 - configuring 84
-
- T
- Table
- Table 4 Configuration Task Sequence 34

- TCP port 62
 - telephone number
 - auto attendant 69
 - triggers 76, 158
 - telephone numbers
 - auto attendant 69
 - GMS 67
 - voice mail 64
 - telephones supported for voice mail 115
 - telnet command 31
 - Telnet session 31
 - terminating a call 127
 - TFTP configuration 140
 - time zone
 - configuring 172
 - timeout 158
 - total storage hours 15, 16
 - triggers
 - auto attendant 76
 - configuring multiple 158
 - deleting 79, 81
 - sessions 76, 158
 - telephone number 76, 158
 - timeout 158
 - voice mail 76
 - troubleshooting
 - access to GUI 144
 - copying log files 146
 - IP address 145
 - IP unnumbered 145
 - IP, default-gateway 145
 - log files 144
 - lost data 146
 - MWI lights 147
 - OIR 145
 - opening a session 145
 - pinging internal address 145
 - rebooting network module 144
 - rebooting router 144
 - saving data 146
 - service-module status 145
 - speed of terminal line 145
 - unknown caller 147
 - user password 144
 - user PIN 144
 - users and groups 144
 - voice mail 147
 - TUI
 - recording a greeting 73
 - TUI, recording a greeting 13
 - tutorial command 116
-
- U
 - UDP port 62
 - uninterruptible power supply 10, 26
 - unknown caller
 - troubleshooting 147
 - unlocking a mailbox 121
 - upgrading
 - software image 50
 - UPS 10, 26
 - usage
 - Flash memory 88
 - user IDs
 - characters allowed 19, 105, 106, 108
 - user password, troubleshooting 144
 - user PIN, troubleshooting 144
 - username command
 - config mode 105
 - EXEC mode 105
 - users
 - adding 104
 - modifying 104
 - number supported 104

V

vCard

- spoken name 195

ViewPrivateList privilege 104

voice mail

- configuring 64

- conflicting extensions 85

- networking 17

- supported telephones 115

- telephone numbers 64

- telephones supported 115

- troubleshooting 147

voice mail loop 85

voice mailbox unlock command 121

Voice Profile for Internet Mail protocol 175

voicemail

- maximum users 64

voicemail capacity time command 85

voicemail default command 85

voicemail mailbox command 116

voicemail operator telephone command 85

voicemail recording time command 85

VPIM 175

W

wav file 13, 73

wear

- Flash memory 88

web administrator 19

web administrator 11, 27

Z

zerooutnumber command 116

