

Index

A

Active Directory, 14–15

Active Directory Group Discovery, 81–82

Active Directory System Discovery, 77–79

Active Directory User Discovery, 79–81

AddColl code, 269–274

addresses

Asynchronous RAS Sender address, 53

Courier Sender address, 53

creating, 54

introduction, 53

ISDN RAS Sender address, 53

senders and, 59

SNA RAS Sender address, 53

Standard Sender address, 53

X25 RAS Sender address, 53

Addresses To Secondary Site page, 9

Administrator permission, 42

Adminui.log, 215

advanced client logs, 220–222

advanced clients, distribution points and, 153

Advanced Security Mode, 9, 34, 36

Active Directory and, 39

NT 4.0 domain controllers and, 39

setting, 38–41

Standard Security Mode and, 39

Advertise permission, 42

Advertised Programs agent, 85, 98–100

advertisements

change management and, 145–146

creating

introduction, 146–147

subcollections and, 147–148

expiring, 152

organizing, 154

priority setting, 152

scheduling

mandatory, 148–151

start time, 148

agents

Advertised Programs, 85

client agents, 86

Hardware Inventory, 85

Remote Tools, 85

Software Inventory, 85

Software Metering, 85

turning on/off, 86

Apasetup.log, 219

assigned sites, scripting, 279

Asynchronous RAS Sender address, 53–54

Asynchronous RAS Sender Address Properties dialog box, 56

boundaries

B

boundaries

- roaming boundaries, 12–13
- site boundaries, 12

C

CAP (Client Access Point) role, 3, 22–25

Capinst.Exe, 111

Cas.log, 220

Ccim32.log, 219

Ccmallowsilentreboot property, CCMSetup.exe, 109

Ccmdebuglogging property, CCMSetup.exe, 109

Ccmenablelogging property, CCMSetup.exe, 109

Ccmexec.log, 220

Ccminstalldir property, CCMSetup.exe, 109

ccm.log, 215

Ccmloglevel property, CCMSetup.exe, 110

Ccmlogmaxhistory property, CCMSetup.exe, 109

Ccmlogmaxsize property, CCMSetup.exe, 109

Ccmsetup.log, 222

CCMSetup.exe

- command-line switches, 108–109
- installation properties, 109–110

Certificatemaintenance.log, 220

change management, advertisements and, 145–146

child sites

- attaching to parent site, 11–12
- connecting to parent sites, secondary site
installation, 4–11

Cidm.log, 215

class level security, 42–51

Clicore.log, 219

client agents, 86

Client Component Status reporting, 61

Client Connection accounts, 41–42

client folder structure, 200

Client Push Installation

- management points and, 103
- remote installation and, 103

Client Push Installation account, 36

Client Push Installation Properties dialog box, 104

Client Push Installation Wizard, 103

- Client Push Installation method comparison,
106

client scripting

- assigned sites, 279
- 1E client health script, 280–289
- hardware inventory, 279
- machine policies, 280
- software inventory, 278

Clientidstartupmanager.log, 220

Clientlocation.log, 220

client.msi file, 107–108

Clientmsi.log, 222

clients

- advanced, 153
- health monitoring, 223–224
- installation
 - CCMSetup.exe and, 108–110
 - group policy and, 107–108

Clisvc.log, 219

Cliunins.log, 222

cloning reports, 166

collections

- AddColl code, 269–274
- advertisements, viewing, 131
- creating, 117–118, 267
 - direct membership rules, 118–120
 - queries, limiting, 125
 - query-based membership rule criteria, 122–124
 - query-based membership rules, 120–121
- deleting objects, 130–131
- management, 132
- moving, 129–130
- replicating, between hierarchies, 127–131
- subcollections, creating, 267
- systems
 - adding, 268
 - removing, 269
- updating, 126–127

Colleval.log, 215**command-line switches, CCMSetup.exe, 108–109****commands, SQL, 65****Compsumm.log, 215****Computername\$ account, 37****Concurrent SMS Administrator Consoles dialog box, 301****configuration**

- connection accounts, 41
- Management Point, 62
- programs, 140–143
- Site Maintenance, 63–64
- Software Distribution, 60

connection accounts

- Client Connection accounts, 41–42
- configuration, 41

- Site System Connection accounts, 42

consoles, custom, 175–176**Contenttransfermanager.log, 220****Corey Becht's Right Click Tools, 245, 290–297****Courier Sender address, 53****Courier Sender Address Properties dialog box, 58****courier senders, 59****Cqmgr32.log, 219****Create permission, 42****Cscnfsvc.log, 215****custom reports, 165****D****dashboards, 165**

- creating, 171–172
- introduction, 170–171
- reports, 163

data source, packages, 137**Datldr.log, 215****Datatransferservice.log, 220****Ddm.log, 215****Delegate permission, 42****Delete permission, 43****Delete Resource permission, 43****Dell, 2****Despool.log, 216****dialog boxes**

- Asynchronous RAS Sender Address Properties, 56
- Client Push Installation Properties, 104
- Concurrent SMS Administrator Consoles, 301
- Courier Sender Address Properties, 58

direct membership rules

Installation Options, 295
 ISDN RAS Sender Address Properties, 57
 Management Point Properties, 62
 Package Properties, 136
 Product Registration, 296
 Program Properties, 141
 Report SQL Statement, 168
 Setup Options, 295
 SMS Package, 188
 SMS Primary Site Client Load, 298
 SMS Security Information, 298
 SMS Site Information, 297
 SNA RAS Sender Address Properties, 57
 Software Distribution Properties, 61
 Software Metering Rules Properties, 157–159
 Specify A Software Update Type, 188
 SQL Server Information For SMS Site Database, 299
 Standard Sender Address Properties, 55
 System Configuration, 294
 Systems Management Server License Agreement, 296
 X25 RAS Sender Address Properties, 57
direct membership rules, collections, 118–120
Direct Membership Rules Wizard, 118–120
Disablecacheopt property, CCMSsetup.exe, 110
discovery
 Active Directory Group Discovery, 81–82
 Active Directory System Discovery, 77–79
 Active Directory User Discovery, 79–81
 Enhanced AD User Discovery, 83
 Enhanced System Discovery, 83
 Heartbeat Discovery method, 72–73

Network Discovery method, 73–77
 Windows User Account Discovery, 68–70
 Windows User Group Discovery method, 70–72

Distmgr.log, 216

Distribute permission, 43

Distribute Software Updates Wizard, 187–192

distribution points, 4

 refreshing, 278

 updating, 277–278

DP (Distribution Point) role, 25–29

 groups, 26–27

 protected distribution points, 27–29

E

1E.com, 228

 client health script, 280–289

Enhanced AD User Discovery, 83

Enhanced System Discovery, 83

events, status messages, 61

Execmgr.log, 220

expiring advertisements, 152

exporting reports, 167–168

F

FAQshop.com, 228

Filebits.log, 220

Filesystemfile.log, 220

filtering reports, 165–166

Fsinvprovider.log, 220

G

Global Client Roaming, 14–15

group policies, client installation and, 107–108

Manage SQL Commands permission

H

Hardware Inventory agent, 2, 85, 86–89

configuration, 87–89

hardware inventory, scripting and, 279

Heartbeat Discovery method, 72–73

hierarchies, collections

deleting, 130–131

exporting, 127–128

importing, 128–129

moving, 129–130

replicating between, 127–131

viewing targeted, 131

high-speed connections, Standard Sender addresses and, 54

Hinv32.log, 219

Hman.log, 216

HTA (Hypertext Application), 269

I

iAnywhere, 229

IIS (Internet Information Services) security, 35

logs, 222

importing reports, 167–168

Inboxast.log, 216

Inboxmgr.log, 216

Inhinv32.log, 219

Insinv32.log, 219

installation

Client Push Installation, 103–107

clients

CCMSSetup.exe and, 108–110

group policy and, 107–108

ITMU, 178–186

prestaging, 111–115

secondary sites, 4–11

Installation Options dialog box, 6, 295

Intrinsic Technologies, 229

Inventoryagent.log, 220

Invproc.log, 216

ISDN RAS Sender address, 53

ISDN RAS Sender Address Properties dialog box, 57

ITMU (Inventory Tool for Microsoft Updates)

installation, 178–186

introduction, 177

reports, 193

status messages, 193–194

L

Launch32.log, 219

legacy client logs, 219

Local System account, 36, 37

Locationservices.log, 220

logs

advanced client logs, 220–222

IIS, 222

legacy client, 219

Management Point, 218

site server logs, 215

SMS Toolkit 2, 214

SMS Trace, 214

SQL, 222

WMI, 222

M

machine policies, refreshing, 280

Macrovision Corporation, 229

maintenance, 198–200

Manage SQL Commands permission, 43

Manage Status Filters permission

Manage Status Filters permission, 43

Management Point

configuration, 62

logs, 218

Management Point Properties dialog box, 62

management points, 18

Client Push Installation and, 103

Meter permission, 43

Microsoft Office, patches, logs, 222

Microsoft SMS SDK, 259–263

Microsoft SMS Toolkit 2

Advanced Client and Management Point Cleaner, 249–250

Advanced Client Spy, 250

Client Site Assignment Verifier, 256

Create Secondary Site Tool, 258

Create SMS Address Tool, 259

Delete Certificate, 253

Delete Group Class, 254

IIS Lockdown 2.1 Template, 247

Management Point Spy, 252

Management Point Troubleshooter, 255–256

Package Loader, 255

Patch Management Evaluation, 253–254

Policy Spy, 248

Policy Verifier, 251

Send Schedule, 252

Set Preferred Distribution Point and CAP, 252–253

Site Boundary Tool, 256–257

SMS Trace, 248–249

Transfer SMS ID, 254–255

URLScan 2.5 Template, 248

Modify permission, 43

Modify Resource permission, 43

Monster MOF, 231–233

MP (Management Point) role, 18–22

/mp switch, CCMSetup.exe, 108

Mpcontrol.log, 216

Mp_ddr.log, 218

Mpfdm.log, 216

Mp_getauth.log, 218

Mp_getpolicy.log, 218

Mp_hinv.log, 218

Mp_location.log, 218

Mpmsi.log, 216

Mp_policy.log, 218

Mp_relay.log, 218

Mp_retry.log, 218

Mpsetup.log, 216

Mp_sinv.log, 218

Mp_status.log, 218

MSI (Microsoft Installer) files, 135

Mtrmgr.log, 220

myITforum.com, 167–168, 227

myITforum Code Repository, 246

N

Network Discovery method, 73–77

New Address To Parent Site page, 10

New Address To Secondary Site page, 10

Ntsvrdis.log, 216

O

object level security, 42–51

Odpsys32.log, 219

Odpusr32.log, 219

Odpwnt32.log, 219

Offermgr.log, 216

Offersum.log, 216**Officesyncxml.log, 221****ORCA, MSI files, editing, 112****organizing advertisements, 154**

P

Package Properties dialog box, 136**Package Wizard, 136****packages**

creating, 274–278

from definition file, 136–140

from MSI, 136–140

data source, 137

definition, 135

definition files, 136

program creation, 140–143

software packages, 135

Packages folder, 136**Patchinstall.log, 221****Patchuimanager.log, 221****permissions**

administrator, 42

advertise, 42

create, 42

delegate, 42

delete, 43

delete resource, 43

distribute, 43

Manage SQL commands, 43

Manage Status Filters, 43

Meter, 43

Modify, 43

Modify Resource, 43

Read, 43

Read Resource, 43

Use Remote Tools, 43

Use Resource, 43

View Collected Files, 43

Policyagent.log, 221**Policyagentprovider.log, 221****Policyevaluator.log, 221****Polycypv.log, 216****pre-defined reports, 165****primary sites, 3****Product Registration dialog box, 296****Program Properties dialog box, 141****programs**

configuration, 140–143

creating, 274–278

prompts, reports, 167**PS'SOFT, 229**

Q

query-based membership rules, 120–121

criteria, 122–124

queries, limiting, 125

R

**RAS (Remote Access Server) connection,
Asynchronous RAS Sender address
and, 54****Read permission, 43****Read Resource permission, 43****Remcontrol.log, 219, 221****Remote Tools agent, 2, 85, 93–98****Replmgr.log, 217****Report SQL Statement dialog box, 168****Report Viewer, 164****Reporting Point, 164****reporting points, 4, 31–32**

reports

reports

- cloning, 166
- creating, 164–165, 168–169
- custom, 165
- custom consoles, 175–176
- dashboards, 165
- dashboards and, 163
- filtering, 165–166
- importing/exporting, 167–168
- introduction, 163
- pre-defined, 165
- prompts, 167
- running, 164–165, 166
- scheduling, 169–170
- software metering, 160–161
- status reporting, 61–62
- supplemental, 165
- views, 169

Right Click Tools, 245, 290–297

roaming boundaries, 12–13

roles

- CAP (Client Access Point), 22–25
- DP (Distribution Point), 25–29
- MP (Management Point), 18–22

Rsetup.log, 217

S

Scanwrapper.log, 221

SCCM 2007 (Systems Center Configuration Manager)

- Backup and recovery, 289
- Desired configuration management, 289
- Device management, 289
- Hardware inventory, 289

- Network Access Protection, 288
- Operating System Deployment, 288
- Remote control, 289
- Software Development Kit, 289
- Software Distribution, 288
- Software inventory and metering, 289
- Software Update Management, 288
- Vulnerability assessment, 289
- Wake on LAN, 289

Sched.log, 217

Scheduler.log, 221

scheduling advertisements, 148–151

scheduling reports, 169–170

schema, Active Directory, 14–15

scripting

- client
 - assigned sites, 279
 - 1E client health script, 280–289
 - hardware inventory, 279
 - machine policies, 280
 - software inventory, 278
- collections
 - AddColl code, 269–274
 - subcollections, 267
 - systems, 268–269
- distribution points
 - refreshing, 278
 - updating, 277–278
- packages, creating, 274–278
- programs, creating, 274–278
- tools, 265

Secondary Site Creation Wizard, 8

secondary sites, 3

- installation, 4–11

security

- Advanced Security Mode, setting, 38–41
- class level, 42–51
- object level, 42–51
- update distribution, 2
- updates, logs, 222

security levels

- IIS security, 35
- SQL security, 35
- standard security mode, 35
- WMI security, 35

security modes

- advanced, 34
- Standard Security Mode, 34–35

Securitysyncxlm.log, 221**Sender.log, 217****senders**

- addresses and, 59
- courier, 59
- introduction, 59
- selecting, 59
- standard, 59

Server Component Status Reporting, 61**servers, roles, 3–4****/service switch, CCMSSetup.exe, 109****Setup Options dialog box, 295****Setuppolicyevaluator.log, 221****Sinv32.log, 219****Sinvproc.log, 217****Site Address account, 36****Site Admins group, 36****site boundaries, 12****site codes, 3****Site Maintenance, configuration, 63–64****site servers**

- backup, configuration, 63–64
- folder structure, troubleshooting and, 200–201
- logs, 215
- primary sites, 3
- secondary sites, 3

site system, 4**Site System Connection account, 37, 42****Sitecomp.log, 217****Sitectl.log, 217****sites, hierarchy, 3****SLP (server locator point), 3, 29–30****SMS, setup, 293–302****SMS 2003 R2**

- Custom Update Publishing Tool, 274–278
- Device Management Feature Pack, 283–284
- Inventory tool, 268–269
- Inventory Tool For Custom Updates, 270–273
- OS Deployment Feature Pack, 285–287
- Scan tool, 268
- Scan Tool for Vulnerability Assessment, 278–283
- setup, 269–270

SMS accounts

- Client Push Installation account, 36
- Computername\$ account, 37
- Internal Client group, 36
- Local System account, 36, 37
- Reporting Users group, 37
- Site Address account, 36
- Site System Connection account, 37
- SMS Admins group, 36
- SMS Service account, 37, 38

SMS Package dialog box

- SMSServer_sitecode account, 37
- SMS_SiteSystemToSiteServerConnection_sitecode account, 37
- SMS_SiteSystemToSQLConnection_sitecode account, 37
- SMS_SiteToSiteConnection_sitecode account, 37
- SMSSvc_sitecode_xxx account, 37
- SQL Server account, 38
- SMS Package dialog box, 188**
- SMS Primary Site Client Load dialog box, 298**
- SMS Remote Tools, 2**
- SMS Reporting Users group, 37**
- SMS Security Information dialog box, 298**
- SMS Service account, 37, 38**
- SMS Site Information dialog box, 297**
- SMS Toolkit 2, 214**
- SMS Trace, 214**
- sms-alliance.com, 228**
- Smsapm32.log, 219**
- Smscachesize property, CCMSSetup.exe, 110**
- Smscli.log, 219**
- Smscliui.log, 221**
- Smsclreg.log, 219**
- Smsdbmon.log, 217**
- sms_def.mof file, 86**
- Smsexec.log, 217**
- Smsfullremotetools property, CCMSSetup.exe, 110**
- SMSInternalCliGrp group, 36**
- Smsmon32.log, 219**
- Smsnowinslookup property, CCMSSetup.exe, 110**
- Smsperferredclient property, CCMSSetup.exe, 110**
- Smsprov.log, 217**
- Smsreporting-install.log, 217**
- SMSServer_sitecode account, 37**
- Smssitecode property, CCMSSetup.exe, 110**
- SMS_SiteSystemToSiteServerconnection_sitecode account, 37**
- SMS_SiteSystemToSQLConnection_sitecode account, 37**
- SMS_SiteToSiteConnection_sitecode account, 37**
- SMSSvc_sitecode_xxx account, 37**
- SMSView, 230–231**
- SNA RAS Sender address, 53**
- SNA RAS Sender Address Properties dialog box, 57**
- software**
 - distribution, 2
 - inventory, scripting, 278
 - usage reports, viewing, 159–162
- Software Distribution, configuration, 60**
- Software Distribution Properties dialog box, 61**
- Software Inventory agent, 2, 85**
 - enabling, 89–93
- software metering**
 - enabling, 157
 - reports, 160–161
 - rules, 157
 - creating, 158
 - disabling, 159
 - site maintenance, 102
 - verifying installation, 162
- Software Metering agent, 2, 85, 100–102**
- Software Metering Rules Properties dialog box, 157–159**
- software packages, 135**

/source switch, CCMSsetup.exe, 108
Specify A Software Update Type dialog box, 188

SQL

commands, adding, 65
 logs, 222
 WQL and, 173–175

SQL Security, 35

SQL Server account, 38

SQL Server Information For SMS Site Database dialog box, 299

Srccupdatemgr.log, 221

Srvacct.log, 217

Standard Security Mode, 34–35

Standard Sender address, 53

high-speed connections and, 54

Standard Sender Address Properties dialog box, 55

standard senders, 59

Statmgr.log, 217

status messages, 61

client status messages, 208–213
 Site Status dashboard, 202–206
 SMS 2003 Web Reports, 206–207

Status Reporting, configuration, 61

status reporting, 61–62

Statusagent.log, 222

supplemental reports, 165

Swdist.log, 219

Swmproc.log, 217

Swmtrreportgen.log, 222

System Configuration dialog box, 294

systems, collections

adding, 268
 removing, 269

Systems Management Server License Agreement dialog box, 296

Systems Management Server Wizard, Welcome page, 293–294

T

troubleshooting

client folder structure and, 200
 client health monitoring, 223–224
 intersite communication, 224–225
 maintenance and, 197–200
 preventing problems, 197–200
 repairing client issues, 224
 site server folder structure and, 200–201
 status messages, 202–203
 client status messages, 208–213
 Site Status view, 203–206
 SMS 2003 Web Reports and, 206–207

U

Updatescan.log, 222

Use Remote Tools permission, 43

/useronly switch, CCMSsetup.exe, 108

V

View Collected Files permission, 43

Vintela, 229

W

Web Remote Tools, 233–245

Web sites

1E.com, 228
 FAQshop.com, 228
 myITforum.com, 227
 sms-alliance.com, 228

Windows User Account Discovery

Windows User Account Discovery, 68–70

**Windows User Group Discovery method,
70–72**

**WMI (Windows Management
Instrumentation) security, 35**

logs, 222

Wnlogon.log, 219

Wnmanual.log, 219

Wnremote.log, 219

WQL, SQL and, 173–175

WSUSScan.cab, 187

X

X25 RAS Sender address, 53

**X25 RAS Sender Address Properties dialog
box, 57**

















