Index

A
access control 318–326, 338
model 345–357
active tracing 368
activity monitoring 358, 362
ADAM 333
advanced encryption standard (AES) 60
aerial photography 300
Al-Jazeera 21
Al-Qaida 8
Al Qaeda 51
amplification attack 265
anomaly detection 327–337, 358
antispan 254–261
association rule mining 359
attacker 165
auditing 210
authentication 130, 189, 258, 338
authenticity 415
authentification 319
authority 194
authorization 318, 319, 356
availability 130, 319

B
 barrier
analysis 245
design 245
behavioral information security 199–205
bin Laden, Osama 2, 51
bio-cyber machine gun (BCMG) 338–344
Blaster worm 78–82
bouncing techniques 392–396
business integrity (BI) 67

C
Carnivore 476
civil liberties monitoring project (CLMP) 174
civil rights 173–181
Civil War 300
cluster 359
crime 398
computer crime 398
cracker 307
cryptanalysis 59
cryptography 57–64, 319, 338
cyber attack 85, 97, 109, 229, 404, 448
cyberterrorism 291–297
criminal 121
exploit 37
forensics 397–402
corporate security 208
council of europe (CoE) 470
counterterrorism 10, 292
counterterrorism program
crime 4
counterterrorism 211

D
data
encryption standard (DES) 60
flow diagram (DFD) 246
denial-of-service (DoS) 133, 232, 262–272, 273, 328
Department of Defense (DoD) 320, 404, 439–445
digital address
denial-of-service (DoS) 366–373
security 208
signature 51, 283

Copyright © 2008, IGI Global, distributing in print or electronic forms without written permission of IGI Global is prohibited.
discretionary access control (DAC) 356
distributed attack tool 413
denial-of-service (DDoS) 262
domain name 122
server (DNS) 448
service 94
system 258
dual criminality 476
dynamic survivability model 408
E
e-postage 257
E-Chrome Watch survey 470
eavesdropping 307–317
software 309
Echelon 453–468
electromagnetic spectrum 299
electronic
bank 139
commerce 129, 262
communication 424
document interchange (EDI) 285
government 322
mail 123, 394–396
 phishing 192
money management 129–137
signature 283
surveillance 173–181
electronic banking 139, 262
electronic communication 424
document interchange (EDI) 285
government 322
mail 123, 394–396
 phishing 192
money management 129–137
signature 283
surveillance 173–181
emergency response system 383–391
encryption 59
Environmental Protection Agency (EPA) 294
espionage
economic 457
political 458, 459
ethics 105
European Union (EU) 149, 282, 422, 431–438
exploitation 121
F
face-to-face conversation 184
false
negative 328
positive 328
Federal Bureau of Investigation (FBI) 4, 177, 254
firewall 100, 311
flood attack 265
Foreign Intelligence Surveillance Court (FISC) 460
fraud 436–438
FS-ISAC 83–90
G
G8 436–438
General Accounting Office (GAO) 85
Geneva Convention 107
geographic information systems (GIS) 291–297
global system for mobile communication (GSM) 148
Google 125
gray market informatics 114
guerrilla warfare 12
H
hacker 9, 33, 45, 91, 121
hacking 307–317, 433–438, 469
hacktivism 90
Hamas 9
harassment 217
hashcash 257
Hezbollah 46
hidden pattern 359
hindering 434–438
HIPAA 116
Honeynet Project 99
honeytraps 107
honeytrap 98, 276
signature 98
human interaction 207
hybrid system 379
I
information
extraction (IE) 361
gathering 120–128
security 129
sharing 85
technology (IT) 2, 65, 86
warfare 17–25, 44, 403, 441–445
instant messaging (IM) 147
integrity 130, 319, 415
intellectual property 433–438, 436–438
International Cybercrime Convention 469–476
international outsourcing 113
Internet 42–49, 120, 129, 368, 469
Engineering Task Force (IETF) 449
growth 200
protocol (IP) 107, 122, 256, 310, 374, 448
relay chat (IRC) 152
service provider (ISP) 393–396, 400, 448
usage 360
user 147
interruption 434–438
intrusion detection 268, 274
system 327, 358, 398
K
Kazaa 311
key
logger 310
logging 185
keylogger 185
recording 176
kill files 220
knowledge 8
discovery in databases (KDD) 359
management 7–16
system (KMS) 247
society 7
worker 8
L
Land Information Warfare Activity (LIWA) 441–445
light detection and ranging (LIDAR) 294
link analysis 360
load balancing 268
local area network (LAN) 310
logs 275
M
Magic Lantern software 309
malware 37, 154–160
mandatory access control (MAC) 321
Massachusetts Institute of Technology (MIT) 61
measurers of performance (MOP) 407
micropayment 269
military
classification 349
history 97
MINARET 459
mobile payment 138, 142
money laundering 138–145, 436–438
Morris worm 273
N
naïve Bayes (NB) 377
National Security Agency (NSA) 453–468
NetWar 7, 11
network
Index

V
VeriSign 131
very high frequency (VHF) 455
virtual
gold currencies 141
private network (VPN) 282
virus 6, 34, 37, 108, 314, 433–438
attachment 308
detection 275
visual
data mining 359
evoked potential (VEP) signal 339

W
warfare 26–34
watch lists 459
watermark 51, 284
weapons of mass destruction (WMD)
16, 26
Web
ccontent mining 358
crawling 124
hacking 165
information agents 358
mining 358
server hacking 313
workplace privacy 175
worms 37, 260, 273, 309
attack 331

X
XACML standard 349
xenophobic 476

Y
Y2K 386