

Index

- Accountability, 23–25
 - Afghanistan, 240–244
 - Algeria, 135, 245–248
 - Alien Tort Claims Act (ATCA), 91–94, 97
 - Amnesty International, 49, 124, 128, 133
 - Anarchists, 126
 - Anderson, Ross, 4, 57–72
 - Anonymizers, 9, 12, 39
 - Anti-Apartheid Act, 119
 - Antibribery conventions, 94–96, 98
 - Antigua, 88–89
 - Apartheid, 115, 119
 - Arbitration and Mediation Center, 74
 - Asia, 3, 4, 41–43, 105, 107. *See also* Specific country
 - Asian Human Rights Commission, 133
 - Association for Progressive Communications (APC), 126
 - AT&T, 49
 - Audio Home Recording Act, 119
 - Australia, 126, 166–176
 - Azerbaijan, 8, 16, 135, 249–253

 - Bahrain, 16, 42, 138, 144
 - country summary of, 254–257
 - DNS tampering and, 14
 - overbreadth and, 46–47
 - political filtering and, 9
 - Bandwidth, 62
 - Barbuda, 88–89
 - Barlow, John Perry, 71
 - BBC, 20, 49, 70, 112
 - Belarus, 8
 - civil society actors and, 144
 - control issues and, 41–42, 53
 - country summary of, 258–262
 - Berkman Center for Internet & Society, 37, 115

 - Biometric authentication, 66
 - Birdling, Malcolm, 4, 49, 73–101, 120
 - BitTorrent, 52
 - Blogger, 37, 48. *See also* Blogspot
 - Blogs, 9, 12, 21–22, 70, 123
 - arrests and, 137–138, 140
 - China and, 52–53, 137–142
 - civic networks and, 125–127
 - civil society actors and, 125–127, 136–143
 - future of, 51–54
 - human rights and, 133
 - information dissemination and, 136
 - integrated control modes and, 108–109
 - International Covenant on Civil and Political Rights (ICCPR) and, 83
 - language and, 141–142
 - negative aspects of, 136
 - as a news source, 137
 - nongovernmental organizations (NGOs)
 - and, 136, 142–143
 - overbreadth and, 48
 - read-write Web and, 32
 - religious laws and, 137
 - securing, 136–138
 - syndication and, 136
- Blogspot, 12, 14, 18, 37, 142. *See also* Blogger
- Brazil, 126
- Bribery, 94–96, 98
- BT Cleanfeed project, 63–64
- Buddhism, 12
- Burma. *See* Myanmar
- Business for Social Responsibility, 115
-
- Cache, 61–62
- Canada, 3, 20, 126
 - intellectual property rights and, 9
 - regional overview including, 226–234

- Cao Dai faith, 12, 47
- Cat, El, 145
- CCTV surveillance cameras, 65
- Censorship. *See also* Filtering
 blogs and, 136–143
 corporations and, 105–122
 Global Online Freedom Act (GOFA) and, 118
 guiding principles for, 116
- Center for Democracy and Technology, 115
- Chechnya, 129–130
- Child pornography, 3, 20, 131
- China, 3, 6, 71, 97, 143
 blogs and, 52–53, 137–142
 content restriction and, 35
 copyright and, 33
 corporations and, 103–104
 country summary of, 263–271
 cyber-dissidents and, 34–35
 first-order regulation and, 107
 human rights and, 133
 in-stream filtering and, 42
 International Covenant on Civil and Political Rights (ICCPR) and, 83
 journalists and, 42
 keywords and, 15
 Mao and, 130–131
 Microsoft and, 108–109
 online publishers and, 112
 overbreadth and, 48
 political filtering and, 9
 social filtering and, 9
 surveillance and, 65
 Tiananmen Square and, 29, 104, 141
 URL filtering and, 36–37
 Voice of America and, 49
 Wikipedia and, 29–30, 35, 54
- Christianity, 12
- Circumvention, 34, 46, 67–68
- Cisco, 104
- Civic networks, 124–128, 133–134
- Civil society actors
 blogs and, 136–143
 civic networks and, 124–128, 133–134
 communication tools and, 134–135
 computer network attacks (CNAs) and, 145–146
 control of, 123–149
 cybercrime and, 131
 dark nets and, 124–125, 129–134, 146
 defining, 123–124, 132
 Denial-of-Service (DoS) attacks and, 127, 144–146
 diaspora networks and, 132
 filtering and, 133–147
 freedom of expression and, 134
 hacktivists and, 127–128, 134–135
 human rights and, 133
 independent media and, 134
 just-in-time blocking and, 143–146
 militants and, 129–131, 135–136
 nongovernmental organizations (NGOs) and, 123, 125–126, 133
 public policy and, 123–124
 radio and, 133–134
 resistance networks and, 124–125, 127–128, 134
 state assertions and, 132–133
 technology and, 123
 television and, 133–134
- Civil Society Project, 124
- Clayton, Richard, 37
- Clement, Andrew, 126
- CNN, 48, 52, 70, 112
- Code and Other Laws of Cyberspace* (Lessig), 106
- Cold War, 125
- Collings, Deirdre, 41
- Commonwealth of Independent States (CIS)
 civil society actors and, 128, 144–145
 control issues and, 41, 43, 53–54
 corporations and, 107
 regional overview of, 177–185
- Computer network attacks (CNAs), 145–146
- Consumer Broadband and Digital Television Promotion Act (CBDTPA), 119
- Content restriction, 32, 35
 copyright and, 33
 gay/lesbian sites and, 10, 12, 44, 47
 overbreadth and, 46–48
 pornography and, 45 (*see also* Pornography)
- TCP/IP content filtering and, 59–60
 underbreadth and, 48–49

- Control. *See also* Filtering
- civil society actors and, 123–149
 - commercial software and, 38–39
 - computer network attacks (CNAs) and, 145–146
 - content restrictions and, 32–33, 35, 44–49, 59–60, 83
 - corporations and, 103–122
 - Denial-of-Service (DoS) attacks and, 64, 127, 144–146
 - DNS tampering and, 13–18, 33, 57–61, 64–70
 - domain blocking and, 37–38
 - domain deregistration and, 64
 - elections and, 144–145
 - end-to-end principle and, 50
 - false information and, 69
 - freedom of expression and, 31–32
 - generative information and, 50
 - integrated modes of, 108–109
 - IP blocking and, 12–18, 33
 - journalists and, 42
 - just-in-time blocking and, 143–146
 - law enforcement and, 31
 - legitimate, 44–45
 - licensing and, 32–34
 - mechanism choice and, 32–34, 58–65
 - media and, 32
 - normative analysis and, 43–44
 - online fraud and, 31
 - overbreadth and, 46–48
 - Receiver Operating Characteristic (ROC) and, 66
 - server takedown and, 64
 - social techniques and, 65
 - soft, 35–36, 108
 - spam and, 31
 - spyware and, 31
 - suppression and, 31–41
 - surveillance and, 35–36, 64–65 (*see also* Surveillance)
 - tactical considerations and, 69–70
 - technical limitations and, 45–49
 - technology and, 32–34
 - underbreadth and, 48–49
 - URL filtering and, 33–34
 - Wikipedia and, 29–30
- Convention on Combating Bribery of Foreign Public Officials in International Business Transactions (Anti-Bribery Convention), 94
- Convention on Cybercrime, 131
- Copyright, 33
- Corporations. *See also* Private actors
- academics and, 120
 - Audio Home Recording Act and, 119
 - copyright principles and, 116
 - code of conduct and, 115–116
 - Consumer Broadband and Digital Television Promotion Act (CBDTPA) and, 119
 - content delivery and, 112
 - democracy and, 104
 - direct sales and, 112–113
 - first-order regulation and, 106–107
 - Foreign Corrupt Practices Act (FCPA) and, 94, 117–118
 - as gatekeepers, 103–122
 - Global Online Freedom Act (GOFA) and, 118, 121
 - hardware providers, 110
 - human rights activists and, 120
 - international law and, 117–120
 - International Telecommunications Union (ITU) and, 119–120
 - Internet revolution and, 104–105
 - ISPs and, 111 (*see also* Internet Service Providers (ISPs))
 - legal issues and, 105–122
 - new control modes and, 107–109
 - online publishers and, 111–112
 - regulatory issues and, 103, 106–107, 118
 - second-order regulation and, 107, 118
 - Security Systems Standards and Certification Act (SSSCA) and, 119
 - self-regulation and, 114–116
 - services and, 113
 - shareholders and, 105, 120
 - software providers, 110–111
 - state demands and, 107–122
 - telecommunications, 112
 - user information and, 109, 111, 113, 116–117
- Country summaries, 237–239
- Afghanistan, 240–244
 - Algeria, 245–248

Country summaries (cont.)

- Azerbaijan, 249–253
- Bahrain, 254–257
- Belarus, 258–262
- China, 263–271
- Cuba, 272–275
- Egypt, 276–280
- Ethiopia, 281–285
- Hong Kong, 263–271
- India, 286–291
- Iran, 292–299
- Iraq, 300–303
- Israel, 304–307
- Jordan, 308–311
- Kazakhstan, 312–316
- Kyrgyzstan, 317–320
- Libya, 321–324
- Malaysia, 325–328
- Moldova, 329–332
- Morocco, 333–337
- Myanmar, 338–342
- Nepal, 343–346
- North Korea, 347–349
- Oman, 350–354
- Pakistan, 355–359
- Saudi Arabia, 360–363
- Singapore, 364–368
- South Korea, 369–374
- Sudan, 375–379
- Syria, 380–384
- Tajikistan, 385–389
- Thailand, 390–394
- Tunisia, 395–399
- Ukraine, 400–404
- United Arab Emirates, 405–408
- Uzbekistan, 409–415
- Venezuela, 416–419
- Vietnam, 420–424
- Yemen, 425–428
- Zimbabwe, 429–432
- Cuba, 20, 272–275
- Cultural issues, 1, 3–4
- Cybercafés, 34, 46, 65, 83, 109
- Cybercrime, 33, 131, 133
- Cyber-dissidents, 34–35, 55n12
- Cyberlibertarians, 30–31, 106–107
- Cyptography, 70
- Dalai Lama, 29
- Dark nets, 124–125, 146
 - rise of, 129–132
 - state power assertions and, 132–134
- Decentralization, 29
- Deibert, Ronald, 4, 39, 123–149
- Democracy, 50–51, 89, 104, 109, 135–136
- Denial-of-Service (DoS) attacks, 64, 67, 127, 144–146
- Desai, Nitin, 120
- Detectability, 67
- Diaspora, 131–132
- Disintermediation, 74–75
- Dispute Settlement Body, World Trade Organization, 88–90
- Distributed DoS (DDoS), 64. *See also* Denial-of-Service (DoS) attacks
- Domain blocking, 37–38, 64
- Domain deregistration, 64
- Domain name system (DNS) tampering, 33, 60–61
 - circumventability and, 67–68
 - connection protocols and, 57–58
 - cost and, 69
 - domain deregistration and, 64
 - error rate and, 66–67
 - false information and, 69
 - global overview on, 13–18
 - speed and, 69
 - system positioning and, 65–66
 - tactical considerations and, 70
- Drugs, 38
- Earth Summit, 126
- East Coast Code, 2
- Egypt, 36, 137, 276–280
- Electronic warfare, 66
- E-mail, 12, 14, 70–71, 109
 - civil society actors and, 134–135
 - corporations and, 111
 - self-censorship and, 42
 - user information and, 111, 113
- End-to-end principle, 50
- Environmental justice networks, 126
- Error rate, 66–67
- Ethiopia, 10, 12, 14, 281–285

- Europe, 20
- Alien Tort Claims Act (ATCA) and, 93
 - blogs and, 138
 - content restriction and, 33
 - Convention on Cybercrime and, 131
 - intellectual property rights and, 9
 - Peace of Westphalia and, 73
 - regional overview of, 186–196
 - social filtering and, 12
 - trends in filtering and, 41
- False information, 66–67, 69
- Falun Gong, 12, 141
- Faris, Robert, 4–27, 33, 107
- Federal Bureau of Investigation (FBI), 145
- Filtering, vii–viii, 3
- accountability and, 23–25
 - Alien Tort Claims Act (ATCA) and, 91–94
 - automatic, 36–38
 - blogs and, 12 (see also Blogs)
 - categories of, 5, 7, 9–12
 - circumventing of, 34, 46, 67–68
 - civil society actors and, 133–147
 - commercial software and, 38–39
 - comprehensiveness of, 5–6
 - computer network attacks (CNAs) and, 145–146
 - consistency and, 12–18
 - content types and, 35
 - corporations and, 103–122
 - cost of, 68–69
 - country-specific, 20–22
 - deficiencies of, 44–49
 - Denial-of-Service (DoS) attacks and, 64, 127, 144–146
 - depth of, 5–8
 - detectability and, 67
 - DNS tampering and, 13–18, 33, 57–61, 64–70
 - documenting of, 11
 - domain blocking and, 37–38, 64
 - elections and, 42, 144–145
 - error rate and, 66–67
 - false information and, 66–67, 69
 - future of, 51–54
 - global measurement of, 5–27
 - Global Online Freedom Act (GOFA) and, 118
 - HTTP proxy, 13–18, 61–69
 - human rights and, 49 (see also Human rights)
 - information suppression and, 31–41
 - in-stream, 42
 - intellectual property rights and, 9
 - International Covenant on Civil and Political Rights (ICCPR) and, 79, 82–91
 - international gateways and, 12–13
 - international system and, 73–98
 - Internet Service Providers (ISPs) and, 12–18
 - IP blocking and, 12–18, 33
 - just-in-time blocking and, 143–146
 - keywords and, 15, 136, 141, 148n28
 - language and, 39
 - law and, 32–34, 82–91 (see also Legal issues)
 - legitimate, 44–45
 - local list and, 11
 - locus of, 34–35
 - manual, 36–38
 - mechanism choice and, 32–34, 58–65
 - methodology for assessing, 5–6
 - motives for, 9–12
 - normative analysis of, 34, 43–51
 - overbreadth and, 46–48
 - pervasive, 18
 - preidentification and, 36
 - public access points and, 34
 - Receiver Operating Characteristic (ROC) and, 66
 - redirecting and, 15–16
 - reliability and, 68
 - scope of, 5–8
 - scoring of, 18–20
 - selective, 18
 - speed of, 68–69
 - strategies of, 12–18
 - suspected, 18
 - system positioning and, 65–66
 - tactical considerations and, 69–70
 - targets of, 9–12
 - TCP/IP, 59–60, 63–64
 - trade policy and, 88–90
 - transparency and, 12–18, 40–41
 - trends in, 41–43
 - underbreadth and, 48–49

-
- Filtering (cont.)
 - understanding, 22–26
 - unregulability theory and, 30–31
 - URL, 33–39, 52–53, 134
 - Web 2.0 and, 30, 32, 36–37
 - Wikipedia and, 29–30
 - Ford Foundation, 128
 - Foreign Corrupt Practices Act (FCPA), 94, 117–118
 - foreign direct investment (FDI), 94, 146
 - Fortinet, 38, 110
 - France, 113
 - content restriction and, 33
 - Nazi propaganda and, 41, 43, 108
 - political filtering and, 12
 - trends in filtering and, 41
 - Freedom of association, 31–32, 44
 - Freedom of expression
 - absolute, 31–32
 - blogs and, 136–143 (*see also* Blogs)
 - information suppression and, 31–41
 - International Covenant on Civil and Political Rights (ICCPR) and, 78–91
 - limitations of, 80–82
 - self-determination and, 73
 - United Nations Human Rights Committee (UNHRC) and, 79–82, 84, 86–87
 - Universal Declaration of Human Rights (UDHR) and, 77–78
 - U.S. Constitution and, 79
 - Freedom of religion, 32

 - Gambling, 10, 12, 88–89
 - Gay/lesbian content, 10, 12, 44, 47
 - General Agreement on Trade in Services (GATS), 88, 100n39
 - Generative platforms, 50
 - Geneva Declaration of Principles*, 97–98
 - Geocities, 47
 - Georgia (country of), 144
 - Germany
 - content restriction and, 33
 - Nazi propaganda and, 3, 12, 41, 43, 108
 - political filtering and, 12
 - social filtering and, 12
 - trends in filtering and, 41
 - user information and, 113
 - Global citizens, 76
 - Global Online Freedom Act (GOFA), 118, 121
 - Gmail, 70
 - Goldsmith, Jack, 43
 - Google, 15, 37, 71, 104
 - Blogspot and, 12, 14, 18, 37, 142
 - Docs & Spreadsheets, 70
 - integrated control modes and, 108–109
 - me-media tools and, 123
 - overbreadth and, 48
 - surveillance and, 115
 - user information and, 111
 - Wikipedia and, 29
 - Google Earth, 42, 144
 - “Great Firewall of China” (Murdoch, Clayton, and Watson), 37, 50
 - Guardian, The* (newspaper), 70

 - Hactivists, 127–128, 134–135
 - Hardware providers, 110
 - Harvard University, 37, 115
 - Hezbollah, 130
 - HIV/AIDS, 44
 - Hoder, 133
 - Holocaust, 41
 - Hong Kong, 263–271
 - HTTP proxy filtering, 13, 15–18
 - cache and, 61–62
 - choke point and, 65
 - circumventability and, 67–68
 - cost and, 69
 - hybrid TCP/IP filtering and, 63–64, 69
 - mechanism choice and, 61–64
 - proxy server and, 61–62
 - reliability and, 68
 - speed and, 69
 - system positioning and, 65–66
 - Human rights
 - Alien Tort Claims Act (ATCA) and, 91–94, 97
 - apartheid and, 115, 119
 - citizen participation and, 40–42
 - civil society actors and, 133
 - creativity and, 50
 - cyberlibertarians and, 30–31
 - generative information and, 50

- global citizens and, 76
 - hacktivists and, 127–128
 - individual freedoms and, 31–32, 44, 77–91
 - information suppression and, 31–41
 - international antibribery conventions and, 94–96, 98
 - International Covenant on Civil and Political Rights (ICCPR) and, 78–91
 - international law and, 75–91
 - minorities and, 12, 133
 - nongovernmental organizations (NGOs) and, 133
 - public international law and, 75
 - registration and, 33
 - self-determination and, 73
 - surveillance and, 49
 - United Nations Human Rights Committee (UNHRC) and, 79–82, 84, 86–87
 - Universal Declaration of Human Rights (UDHR) and, 49, 77–78
 - user information and, 109, 111, 116–117
 - Human Rights Watch (HRW), 3, 128, 133
- Independent media, 134
- India, 14, 15, 107
- country summary of, 286–291
 - in-stream filtering and, 42
- Information and communications technologies (ICTs)
- civil society actors and, 123–149
 - corporations and, 104, 121–122
- In-stream filtering, 42
- Intellectual property, 9, 33, 74, 131
- International Campaign to Ban Landmines (ICBL), 124, 126–127
- International Covenant on Civil and Political Rights (ICCPR), 49
- Alien Tort Claims Act (ATCA) and, 92
 - complaints to, 86–87
 - cybercafés and, 83
 - different approaches and, 90–91
 - enforcement problem and, 84–91
 - filtering and, 79, 82–91
 - freedom of expression and, 78–82
 - international system and, 78–92
 - monitoring under, 84, 86
 - nongovernmental organizations (NGOs) and, 79, 84, 86–87
 - Optional Protocol and, 86–87
 - overall ineffectiveness and, 87–88
 - provisions of, 78–79
 - United Nations Human Rights Committee (UNHRC) and, 79–82, 84, 86–87
 - World Trade Organization (WTO) and, 88–90
- International law. *See* Legal issues
- International system
- Alien Tort Claims Act (ATCA) and, 91–94, 97
 - background of, 73–77
 - disintermediation and, 74–75
 - filtering and, 82–91
 - Foreign Corrupt Practices Act (FCPA) and, 94, 117–118
 - global citizens and, 76
 - Global Online Freedom Act (GOFA) and, 118, 121
 - human rights and, 75–91
 - institutional empowerment and, 75
 - intermediaries and, 74
 - international antibribery conventions and, 94–96, 98
 - International Covenant on Civil and Political Rights (ICCPR) and, 78–92
 - international law and, 77–82
 - Internet Governance Forum and, 74
 - key legal instruments and, 77–82
 - Peace of Westphalia and, 73
 - practical implications of, 76–77
 - private actors and, 91–96
 - promise of, 96–98
 - public international law and, 75
 - quasigovernmental private action and, 76
 - United Nations Human Rights Committee (UNHRC) and, 79–82, 84, 86–87
 - Universal Declaration of Human Rights (UDHR) and, 77–78
 - U.S. Alien Tort Claims Act (ACTA) and, 91–94
 - World Intellectual Property Organization (WIPO) and, 74
- International Telecommunications Union (ITU), 119–120

- International Tibet Independence Movement, 29
- Internet, vii–viii
- connection protocols and, 57–58
 - corporations and, 102–122
 - dark net and, 124, 129–133
 - democracy and, 50–51
 - first-order regulation and, 106–107
 - Global Online Freedom Act (GOFA) and, 118, 121
 - global study of, 22–23
 - hacktivists and, 127–128, 134–135
 - information suppression and, 31–41
 - intellectual property rights and, 9, 74
 - International Telecommunications Union (ITU) and, 119–120
 - Internet Governance Forum (IGF) and, 74
 - public access points and, 34
 - restriction concerns and, 50–51
 - routers and, 57
 - second-order regulation and, 107
 - surveillance and, 35–36
 - tools of, 9, 12, 128–133
 - unregulability theory and, 30–31
 - Web 2.0 and, 30, 32, 36–37
 - Working Group on Internet Governance and, 74
 - World Intellectual Property Organization (WIPO) and, 74
- Internet Corporation for Assigned Names and Numbers (ICANN), 120
- Internet exchange ports (IXPs), 34
- Internet Governance Forum (IGF), 31, 74, 98, 120
- Internet protocol (IP) blocking, 12–18, 33, 57
- Internet Service Providers (ISPs), 104
- bandwidth and, 62
 - cache and, 61–62
 - choke point and, 65
 - connection protocols and, 57–58
 - filtering strategies and, 12–18
 - as international gateways, 12–13
 - IP blocking and, 12–18, 33, 57
 - just-in-time blocking and, 144–146
 - liability and, 33, 83
 - overbreadth and, 46–48
 - proxy server and, 61–62
 - redirecting and, 15–16
 - server takedown and, 64
 - surveillance and, 35–36
 - system positioning and, 65–66
 - underbreadth and, 48–49
 - URL filtering and, 33–34
- Iran, 6, 15, 143
- blogs and, 53, 142
 - Committee in Charge of Determining Unauthorized Sites and, 83
 - content restriction and, 33
 - country summary of, 292–299
 - cyber-dissidents and, 34–35
 - human rights and, 133
 - International Covenant on Civil and Political Rights (ICCPR) and, 83
 - political filtering and, 9
 - redirecting and, 16
 - URL filtering and, 37
- Iraq, 300–303
- Islam, 12
- Israel, 130, 304–307
- Jamaica, 87
- Japan, 6
- Jihad sites, 130
- Jingjing and Chacha, 65
- Jordan, 8, 144, 308–311
- Judeo-Christian culture, 75
- Just-in-time blocking, 143–146
- Kazakhstan, 8, 312–316
- Keane, John, 124
- Keywords, 15, 136, 141, 148n28
- Kummer, Marcus, 120
- Kyrgyzstan
- civil society actors and, 144–145
 - control issues and, 41–42, 53
 - country summary of, 317–320
- Language, 15, 21, 39, 136, 141–142, 148n28
- Latin America, 197–206. *See also* Specific country
- Lebanon, 130
- Legal issues, 38, 54n8
- Alien Tort Claims Act (ATCA) and, 91–94, 97

- Anti-Apartheid Act and, 119
 antibribery conventions and, 94–96, 98
 Audio Home Recording Act and, 119
 blogs and, 137–138, 140
 Consumer Broadband and Digital Television Promotion Act (CBDTPA) and, 119
 content restriction and, 33
 copyright and, 33
 corporations and, 105–122
 cybercrime and, 33
 cyber-dissidents and, 34–35
 Foreign Corrupt Practices Act (FCPA) and, 94, 117–118
 gambling and, 88–89
 Global Online Freedom Act (GOFA) and, 118, 121
 International Covenant on Civil and Political Rights (ICCPR) and, 78–91, 92
 international law and, 75–98, 117–120
 Internet laws and, 32–34
 legitimate state authority and, 44–45
 public order laws and, 144
 Security Systems Standards and Certification Act (SSSCA) and, 119
 self-determination and, 73
 state equality and, 73
 surveillance and, 45, 64–65
 United Nations Human Rights Committee (UNHRC) and, 79–82, 84, 86–87
 Universal Declaration of Human Rights (UDHR) and, 49, 77–78
 U.S. Constitution and, 79
 user information and, 109, 111, 113, 116–117
 Lessig, Lawrence, 2, 106
 Libraries, 34
 Libya, 9, 321–324
 Licensing, 32–34
 London School of Economics (LSE), 124, 132

 MacArthur Foundation, 128
 Malaysia, 83, 138, 325–328
 al Manar, 130
 Mao, 130–131
 Markle Foundation, 127–128
 Massachusetts Institute of Technology (MIT), 30

Measures Affecting the Cross-Border Supply of Gambling and Betting Services (WTO case), 88–89
 Medical information, 44, 141
 Mexico, 124–127
 Microsoft
 China and, 108–109
 PowerPoint, 130
 self-regulation and, 114–115
 surveillance and, 115
 Word, 70
 Middle East, 3–4, 41–43, 105, 107. *See also* Specific country
 Military, 9, 129–131, 135–136, 149n40
 Minority rights, 12, 133
 Modems, 71
 Moldova, 329–332
 Morocco, 8, 333–337
 MSN Spaces, 108–109, 114–115
 Multilateral Agreement on Investment (MAI), 126–127
 Multilateral Legal Assistance Treaties (MLATs), 145
 Murdoch, Steven, 4, 37, 57–72
 Muslim Brotherhood, 36
 MX record, 14
 Myanmar, 6, 16, 37
 country summary of, 338–342
 human rights and, 133
 political filtering and, 9
 URL filtering and, 34
 VoIP filtering and, 12
 MySpace, 123

 National Military Strategy for Operations in Cyberspace, 149n40
 National Organization for the Reform of Marijuana Laws, 38
 National security, 42
 dark nets and, 124–125, 129–134, 146
 as motive for filtering, 9–12
 public order laws and, 144
 National Security Agency, 49
 Naughton, John, 125
 Nazism, 3, 12, 41, 43, 108
 Nepal, 9, 343–346
 Nesson, Charles, 51

-
- Newspapers, 32
New York Times, 18
 New Zealand, 166–176
 Nicaragua, 126
 Nigeria, 131
 Nongovernmental organizations (NGOs), 1, 21–22
 basement operations and, 125–126
 blogs and, 136, 142–143
 civic networks and, 125–126
 corporate ethics and, 106, 120–122
 human rights and, 133
 interference by, 128
 International Covenant on Civil and Political Rights (ICCPR) and, 79, 84, 86–87
 rise of, 123
 surveillance and, 115
 Normative analysis, 43
 human rights and, 49
 legitimate state control and, 44–45
 restriction concerns and, 50–51
 technical limitations and, 45–49
 North Africa, 3–4, 41–43, 105, 107. *See also* Specific country
 North Korea, 6, 10, 20, 347–349

 O'Brien, Rory, 126
 Olympic Watch, 133
 Oman, 8, 15–16, 135, 350–354
 Online fraud, 31
 Online publishers, 111–112
 OpenNet Initiative (ONI), vii–viii, x, xiii–xv, 2
 civil society actors and, 133–136
 global filtering data and, 5–27
 International Covenant on Civil and Political Rights (ICCPR) and, 79, 83
 measurement methodology of, 5–6
 monitoring by, 53–54
 trends in filtering and, 41–43
 Open Society Institute, 128
 Optional Protocol of the International Covenant on Civil and Political Rights, 86–87
 Organisation for Economic Co-operation and Development (OECD), 94–95, 98
 Overbreadth, 45–48

 Pakistan, 31
 blogs and, 12, 18
 country summary of, 355–359
 Deregulation Facilitation Unit and, 83
 human rights and, 133
 International Covenant on Civil and Political Rights (ICCPR) and, 83
 international gateways and, 13
 IP blocking and, 14
 political filtering and, 9
 Palfrey, John G., ix–xv, 1–4, 29–56, 103–122
 Passports, 35
 PayPal, 132
 Peace of Westphalia, 73
 Peer-to-peer networks, 52
 People's War, 131
 PGP, 127–128
 Piracy, 131
Plan of Action (Geneva Declaration of Principles and), 97
 Podcasting, 32
 Poland, 70
 Policy, vii–viii
 Alien Tort Claims Act (ACTA) and, 91–94, 97
 civil society actors and, 123–124
 corporations and, 105–122
 disintermediation trends and, 74–75
 Global Online Freedom Act (GOFA) and, 118
 international system and, 73–98
 International Telecommunications Union (ITU) and, 119–120
 Internet Governance Forum and, 74
 Organisation for Economic Co-operation and Development (OECD) and, 94–95
 Peace of Westphalia and, 73
 trade, 88–90, 96–98, 103–122
 World Trade Organization (WTO) and, 88–90
 Politics
 civic networks and, 123–128
 civil society actors and, 142–144
 dark nets and, 124, 129–133
 democracy and, 50–51, 89, 104, 109, 135–136

- elections and, 42, 144–145
- global study of, 22–23
- hacktivists and, 127–128, 134–135
- information suppression and, 31–41
- International Covenant on Civil and Political Rights (ICCPR) and, 78–91
- international system and, 73–98
- as motive for filtering, 9–12, 24–25
- Nazi propaganda and, 3, 12, 41, 43, 108
- separatist movements and, 135–136
- software filtering and, 38–39
- Wikipedia and, 29–30
- Zapatista movement and, 127
- Pornography, 9, 16, 24, 34
 - child, 3, 20, 131
 - content restriction and, 35
 - dark nets and, 131
 - gay/lesbian sites and, 47
 - overbreadth and, 46
 - Saudi Arabia and, 32, 45
 - social filtering and, 10, 12
 - software filtering and, 38–39, 110–111
 - trends in filtering and, 41
- PowerPoint, 130
- Privacy, 32, 90
 - corporations and, 109, 116–117
 - hacktivists and, 127–128
 - user information and, 109, 111, 113, 116–117
- Private actors
 - Alien Tort Claims Act (ATCA) and, 91–94, 97
 - code of conduct for, 115–116
 - corporations and, 103–122
 - first-order regulation and, 106–107
 - Foreign Corrupt Practices Act (FCPA) and, 94
 - greater pressure on, 107
 - international antibribery conventions and, 94–96, 98
 - International Telecommunications Union (ITU) and, 119–120
 - quasigovernmental action and, 76
 - second-order regulation and, 107, 118
 - state demands and, 107–122
- Private interest networks, 131–132
- Proxy Avoidance, 12
 - Proxy-based blocking. See HTTP proxy filtering
 - Proxy servers, 61–62
 - Psiphon, 128
- Al Qaeda, 124
- Quasigovernmental action, 76
- Radio, 32, 70, 133–134
- Read-write Web, 30, 32, 36–37
- Reagan, Ronald, 119
- Really Simple Syndication (RSS) feeds, 52, 56n34
- Redirecting, 15–16
- Regional overviews, 153–154
 - Asia, 155–165
 - Australia, 166–176
 - Canada, 226–234
 - Commonwealth of Independent States (CIS), 177–185
 - Europe, 186–196
 - Latin America, 197–206
 - Middle East, 207–212
 - New Zealand, 166–176
 - North Africa, 207–212
 - sub-Saharan Africa, 213–225
 - United States, 226–234
- Religion, 1, 3–4, 12, 44
 - blogs and, 137
 - human rights and, 75
 - overbreadth and, 47
 - social filtering of, 12
 - software filtering and, 38–39
- Reporters Sans Frontières (RSF), 3, 115
- Resistance networks, 124–125, 127–128, 134
- Revised Recommendations of the Council Combating Bribery in International Business Transactions, 94–95
- Rohozinski, Rafal, 4, 39, 41, 123–149
- Routers, 57
- Rundle, Mary, 4, 49, 73–101, 120
- Russia, 70, 107, 127, 144
 - Cold War and, 125
 - computer network attacks (CNAs) and, 145–146
 - dark nets and, 130–131
 - in-stream filtering and, 42

-
- Satellites, 57
 - Saudi Arabia, 6, 15–16, 31–32
 - Amnesty International and, 49
 - blogs and, 53
 - content restriction and, 35
 - country summary of, 360–363
 - legitimate state authority and, 44–45
 - overbreadth and, 47
 - pornography and, 32, 45
 - social filtering and, 9, 12
 - transparency and, 40
 - URL filtering and, 34
 - ScatterChat, 127–128
 - Schools, 34–35, 41
 - Second-level domains, 39
 - Secure Computing, 35, 38, 110
 - Security Systems Standards and Certification Act (SSSCA), 119
 - Self-regulation, 33, 42, 114–116
 - Semantic Web, 30, 32, 36–37
 - Separatist movements, 135–136
 - Server takedown, 64
 - Shinawatra, Thaksin, 9
 - Silicon Valley, 30
 - Singapore, 3, 8, 16, 34, 364–368
 - Skype, 12, 70, 123, 135
 - SmartFilter, 12, 15, 38–39, 46–47, 134
 - Smith, Brad, 114–115
 - Smith, Chris, 118
 - SMS, 125
 - Social filtering, 9–10, 12, 25
 - Social issues, 1, 3–4
 - control and, 32–34, 65 (see also Control)
 - dark nets and, 124, 129–133
 - as motive for filtering, 9–12
 - normative filtering and, 34
 - Software, 34, 110–112
 - civic networks and, 128
 - piracy and, 131
 - state-mandated filtering and, 38–39
 - URL filtering and, 37
 - Somalia, 129
 - South Korea, 6, 9, 14
 - country summary of, 369–374
 - International Covenant on Civil and Political Rights (ICCPR) and, 83
 - security-based filtering and, 10
 - Spam, 31
 - Sports Illustrated*, 39
 - Spyware, 31
 - Sri Lanka, 129
 - States. See also Specific state
 - Alien Tort Claims Act (ATCA) and, 91–94
 - citizen participation and, 40–41
 - civil society actors and, 123–149
 - control and, 29–31 (see also Control)
 - corporations and, 107–122
 - disintermediation trends and, 74–75
 - East Coast Code and, 2
 - human rights and, 75–91 (see also Human rights)
 - information suppression and, 31–32
 - institutional empowerment and, 75
 - as intermediaries, 74
 - international antibribery conventions and, 94–96, 98
 - International Covenant on Civil and Political Rights (ICCPR) and, 78–92
 - international system and, 73–98
 - International Telecommunications Union (ITU) and, 119–120
 - legal equality among, 73
 - legitimate authority and, 44–45
 - normative analysis and, 43–44
 - quasigovernmental action and, 76
 - restriction concerns and, 50–51
 - social issues and, 32–34
 - sovereignty issues and, 30–31, 50–51, 73
 - United Nations Human Rights Committee (UNHRC) and, 79–82, 84, 86–87
 - Universal Declaration of Human Rights (UDHR) and, 77–78
 - World Intellectual Property Organization (WIPO) and, 74
 - Stein, Janice Gross, vii–viii
 - Sub-Saharan Africa, 213–225
 - Sudan, 12, 15, 135, 375–379
 - Sullivan Principles, 115, 119–120
 - Surveillance, 33, 35–36
 - CCTV cameras and, 65
 - corporations and, 105–122
 - countersurveillance techniques and, 70
 - future of, 51–54
 - Global Online Freedom Act (GOFA) and, 118

- human rights and, 49
 - justification of, 45
 - legal issues and, 64–65
 - mechanisms for, 64–65
 - overbreadth and, 46–48
 - underbreadth and, 48–49
 - United States and, 45
 - wiretapping and, 49, 71
- Sweden, 126
- Syria, 8
- blogs and, 12
 - country summary of, 380–384
 - domain blocking and, 37–38
 - e-mail and, 135
 - political filtering and, 9
 - social filtering and, 9
 - VoIP filtering and, 12
- Taiwan, 29
- Tajikistan, 8, 131, 144, 385–389
- TCP/IP filtering, 57, 59–60
- choke point and, 65
 - circumventability and, 67–68
 - cost and, 68–69
 - error rate and, 66–67
 - false information and, 69
 - hybrid HTTP proxy filtering and, 63–64, 69
 - reliability and, 68
 - speed and, 68–69
 - system positioning and, 65–66
- Technical blockages. *See* Filtering
- Technology, 4
- Audio Home Recording Act and, 119
 - cache and, 61–62
 - civil society actors and, 123
 - connection protocols and, 57–58
 - Consumer Broadband and Digital Television Promotion Act (CBDTPA) and, 119
 - control and, 32–34
 - corporations and, 103–122
 - DNS tampering and, 13–18
 - dual-use, 113
 - end-to-end principle and, 50
 - fax machines and, 71
 - Global Online Freedom Act (GOFA) and, 118, 121
 - HTTP proxy filtering and, 13–18, 61–69
 - innovation and, 70–71
 - Internet protection and, 127–128, 134
 - IP blocking and, 12–18, 33, 57
 - limitations of, 45–49
 - packets and, 57
 - Receiver Operating Characteristic (ROC) and, 66
 - routers and, 57
 - Security Systems Standards and Certification Act (SSSCA) and, 119
 - TCP/IP and, 57
 - wireless, 57
- Telecommunications, 9
- cryptography and, 70
 - International Telecommunications Union (ITU) and, 119–120
 - posting and, 70
 - providers of, 112
 - Voice-over IP (VoIP) and, 12, 50, 70, 125, 134–135
 - wireless, 57
- Television, 32, 130, 133–134
- Terrorism, 45, 127
- Thailand, 31
- country summary of, 390–394
 - government overthrow of, 9
 - political filtering and, 10, 12
- Tiananmen Square, 29, 104, 141
- Tibet, 12, 29, 37
- Tobago, 87
- Torts, 91–94
- Trade policy, 88–90
- antibribery conventions and, 94–96, 98
 - corporations and, 103–122
 - international standards and, 96–98
 - Organisation for Economic Co-operation and Development (OECD) and, 94–95
- Translation tools, 9, 12, 39
- Transparency, 115
- information suppression and, 40–41
 - measurement of, 12–18
- Trinidad, 87
- Tunis Agenda*, 98
- Tunisia, 1–2, 8, 15
- country summary of, 395–399
 - political filtering and, 9
 - social filtering and, 12

- Uganda Communications Commission (UCC), 144
- Ukraine, 144, 400–404
- Underbreadth, 45, 48–49
- Uniform Resource Locator (URL) filtering, 57, 134
- control issues and, 33–37
 - future of, 52–53
 - overbreadth and, 46–48
 - software for, 38–39
 - transparency and, 40–41
- United Arab Emirates (UAE), 15–16, 18
- country summary of, 405–408
 - domain blocking and, 37–38
- International Covenant on Civil and Political Rights (ICCPR) and, 83
- overbreadth and, 47
 - surveillance and, 112
 - transparency and, 40
- Voice-over IP (VoIP) and, 12, 135
- United Kingdom, 3, 126
- United Nations, 1
- Convention against Corruption, 95–98
 - Earth Summit, 126
 - Human Rights Committee (UNHRC), 79–82, 84, 86–87, 93
 - International Covenant on Civil and Political Rights (ICCPR) and, 78–91
 - international system and, 74
 - International Telecommunications Union (ITU) and, 119–120
 - Internet Governance Forum (IGF) and, 74, 120
 - Universal Declaration of Human Rights (UDHR) and, 77–78
 - Working Group on Internet Governance and, 74
- United Nations Education, Scientific, and Cultural Organization (UNESCO), 97–98
- United States, 3, 20, 143
- Alien Tort Claims Act (ACTA) and, 91–94, 97
 - Audio Home Recording Act and, 119
 - blogger arrests and, 138
 - civic networks and, 126
 - Cold War and, 125
 - Consumer Broadband and Digital Television Promotion Act (CBDTPA) and, 119
 - dark nets and, 131
 - Foreign Corrupt Practices Act (FCPA) and, 94, 117–118
 - Global Online Freedom Act (GOFA) and, 118, 121
 - intellectual property rights and, 9
 - Measures Affecting the Cross-Border Supply of Gambling and Betting Services* and, 88–89
 - public access points and, 34
 - regional overview of, 226–234
 - Secure Computing and, 35
 - Security Systems Standards and Certification Act (SSSCA) and, 119
 - surveillance and, 45
 - trends in filtering and, 41
 - wiretapping and, 49
- Universal Declaration of Human Rights (UDHR), 49, 77–78
- University of California, Berkeley, 115
- U.S. Constitution, 79
- U.S. Department of Defense, 149n40
- U.S. Department of Justice, 131
- U.S. Supreme Court, 79, 91–94
- Uzbekistan, 8
- civil society actors and, 133, 143
 - control issues and, 31
 - country summary of, 409–415
 - International Covenant on Civil and Political Rights (ICCPR) and, 83
 - political filtering and, 10
- Venezuela, 416–419
- Vietnam, 8, 46
- copyright and, 33
 - country summary of, 420–424
 - cyber-dissidents and, 34–35
 - DNS tampering and, 14
 - human rights and, 133
 - political filtering and, 9–10
 - pornography and, 24
 - VoIP filtering and, 12
- Villeneuve, Nart, 4, 5–27, 33, 107
- Vodafone, 115
- Voice of America, 49, 56n35, 70
- Voice-over Internet Protocol (VoIP), 12, 50, 70, 112, 125, 134–135

-
- WAREZ, 135
 - Watch list, 3–4
 - Watson, Robert N. M., 37
 - Web 2.0, 30, 32, 36–37
 - Websense, 38, 46, 110
 - West Bank, 130
 - Wikipedia, 20, 32
 - China and, 29–30, 35, 54
 - future of, 51–54
 - Wireless telecommunications, 57
 - Wiretapping, 49, 71
 - Women's groups, 46, 133
 - Working Group on Internet Governance, 74
 - World Intellectual Property Organization (WIPO), 74
 - World Summit on the Information Society, 1, 120
 - antibribery conventions and, 95
 - control issues and, 31, 33
 - international system and, 74, 77, 90
 - UNESCO and, 97–98
 - World Trade Organization (WTO), 88–90, 100n39,42
 - World Wildlife Fund, 124
 - Writely, 70
 - Wu, Tim, 43

 - XML feeds, 52

 - Yahoo!, 71, 103
 - China and, 109
 - control issues and, 37, 43, 47
 - surveillance and, 115
 - Yemen, 6, 15, 37
 - country summary of, 425–428
 - e-mail and, 135
 - transparency and, 40
 - YNET, 135
 - YouTube, 32
 - Yugoslavia, 129

 - Zapatista movement, 127
 - Zhao Ziyang, 48
 - Zimbabwe, 429–432
 - Zittrain, Jonathan, 1–4, 29–56, 103–122

