

# INDEX

---

18 years old, 626  
802.11, 129

Access control list, 385

ACL, 385

ActiveX, 392

Adware, 109

Ajax, 88

Anomalous traffic, 116

Anti-Phishing Acr, 673

Anti-Phishing toolbars, 52

Anti-Phishing Working Group, 510

Anti-spam, 71, 133

Applet, 612

Authentication, 146, 379

Authentication, mutual, 146

Authentication, server side, 146

Authorization, 379

Auto-fill, 213

Automated crawling, 185

Bank affiliation, 204

Ban den property, 334

Behavioral studies, 589

BGP, 78

Binary kits, 111

Biometric data, 58

Biometric encryption, 372

Biometrics, 363

Birth records, 187

Blacklist, 54, 68, 134

Border gateway protocol, 78  
Port, 69

Browser, 17, 108

Browser, 415

Browser cache, 204

Browser chrome, 348

Browser enhancements, 345

Browser hijackers, 109

Browser history, 415, 472

Browser recon, 204

Browser recon, defense against, 212

Browser sniffing, 415

Browser toolbars, 487

Browser, client side protection, 465

Browser, server-side protection, 470

Brute force attack, 274

Buddy list, 333

Cache, 205

Cache control directives, 467

Cache cookies, 415

Cache timing, 467

Cache-cookie memory, 417

CAN-SPAM Act, 635, 669

CAPTCHA, 172

Cascading Style Sheets, 204

Cashers, 4

Catch, 6

Certificate, 141, 143, 613

- Certificate authority, 141, 402
- Certificate, self signed, 123, 262
- Chameleon signatures, 435
- Childhood friend's name, 289
- Click-fraud, 685
- Clout of links, 46
- Cloudmark, 495
- Collectors, 3
- Comparative shopping agents, 24
- Composite logotype rendering, 41
- Computer Fraud and Abuse Act, 641, 676
- Confidential information, 52
- Consent, 653
- Content injection attack, 36, 529
- Context, 683
- Context aware attack, 601
- Context aware phishing, 170
- Contextual inquiry, 592
- Contract law, 615
- Cookies, 414, 460, 484
- Cookies, first-party, 415
- Cookies, third-party, 415
- Cookies, IP based, 419
- Copyright, 608
- Copyright law, 636
- Corporate schemes, 19
- Corrupt telnet, 379
- Cousin domain attack, 33
- Cousin domains, 42
- Credit-card Fraud Act, 640
- Critical action sequence, 332
- Cross site scripting, 50
- Cryptographic signing of email, 42
- CSS, 81, 204
  
- Data mining, 198, 205
- Data theft, 35
- Debriefing, 629, 653
- Deception, 653
- Deceptive phishing, 32
- Delayed password disclosure, 312
- Delivery, 681
- Deniable signatures, 432
- Denial of Service attack, 421, 413
- Designated verifier signatures, 435
- Detecting an imminent attack, 38
- Dictionary attack, 275
- Diffie-Hellman, 145, 308
- Digital signatures, 150
- Direct costs, 4
- Distributed phishing attack, 455
- Distributed quota management, 73
- Distributed sender blacklist list, 68
- DNS, 35, 49, 117, 441
- DNS cache timing, 467
- DNS spoofing, 357, 444
- DNSSEC, 127, 442
- Domain Keys, 41, 72, 136, 429
- Domain name service security extensions, 127
- Domain Name System, 55
- Doppelganger attack, 314, 312
- Download, 33
- DDA, 455
- DSBL, 68
- Dynamic security skins, 333
  
- Earthlink toolbar, 499
- eBay, 584, 647, 658
- eBay toolbar, 498
- Economic analysis of threats, 183
- Education, 43, 254, 584
- Email authentication, 41
- Email honeypots, 162
- Email honeypotken.. 163
- Email signatures, 429
- Email spoofing, 17, 65, 599
- Email, charging for, 135
- Email, filtering, 135
- Email, signed, 136
- Emulations, 215
- Encryption, 159
- Entropy, 190, 286
- Error-correcting codes, 372
- Ethical, 116
- Exporting keys, 444
- Experiments, 197, 202, 225, 595, 649
  
- Face geometry, 369
- False Accept Rate, 366
- False account updates, 16
- False certificate attack, 89
- False reject rate, 366
- Federal Trade Commission Act, 642, 673
- File corruption, 387
- Filtering, 40
- Financial incentive, 16
- Fingerprinting, 369
- First phone number, 289
- First party assertion, 528
- First-party cookies, 415
- Fraud, 674
- Fraud and identity theft laws, 640
- Fraud elimination, 496
- Fraudulent access, 669
- Froggle, 24
  
- Gartner, 594
- Genealogy websites, 195
- General purpose graphics property, 334
- Germany, 280
- Golden arches property, 334
- Gramm-Leach-Bliley, 642, 671
- Graphics processing unit, 396
- Greylisting, 70
  
- Handshake, 145
- Handwritten signatures, 369
- Hardware tokens, 379

- Hidden Markov Model, 222
- Hijacked-server attack, 510
- History, 415
- Homograph attack, 33
- Homograph URLs, 46
- Honeypot, 40, 153, 595
- Honeypots, email, 162
- Honeypots, high interaction, 158
- Honeypots, low interaction, 156
- Hook, 5
- Hop count filtering, 77
- Host-Level defense, 112
  
- Identified Internet mail, 41
- Identity linkage, 602, 609
- Identity pairing, 170, 177
- Identify theft, 670, 675
- Identity Theft and Assumption Deterrence Act, 675
- Identity-based signatures, 431, 432
- IETF, 41
- Illegal computer access, 676
- Imagery analysis, 459
- Impersonation, 665
- Improper URLs, 26
- Incomplete account information, 16
- Indirect costs, 3
- Information snooping, defense against, 392
- information stealing, 88
- Ingress filtering, 78
- Injected scripts, 51
- Input side attack, 385
- Institutional Review Board, 592, 650
- Inter-application data sharing, 49
- International domain name, 33
- Intradomain spoofing, 30
- IP spoofing, 71
- IP traceback, 76
- IP address attack, 510
- IRB, 592, 650
- Its structures, 369
  
- JAR file, 612
- Java, 630
- Javascript, 33, 81, 392
- JTAG, 122
  
- KbA, 285
- Kernel key, 111
- Key confirmation, 554
- Keyjacking, 403
- Keylogger, 33, 88, 110
- Keylogger, defense against, 115
- Knowledge based authentication, 285
  
- Laws, 635
- Legal consideration, 634
- Liability, 665
- Library key, 111
  
- Life questions, 286
- Lightweight email signatures, 429
- Limited human skills property, 334
- Link changing, 88
- Local detection, 116
- Lock icon, 52
- Lure, 5
  
- Mail transfer agent, 41, 65
- Mallers, 3
- Malicious link, 606
- Malware, 684
- Malware, defense against, 112, 392
- Malware-based phishing, 33
- Man-in-the-middle attack, 36, 616, 623, 657
- Mandatory access control, 358
- Map links, 46
- Marriage records, 187
- McAfee Anti-Phishing Filter, 500
- Microsoft, 545
- Min entropy, 190
- Mis-education, 254
- Misleadingly named links, 46
- Mother's birth date, 289
- Mother's maiden name, 289
- MLA, 65
- Mutual authentication, 55, 300, 303
  
- Net trust, 529
- Norton Anti-Phishing toolbar, 560
- Network-level defense, 114
- Newspaper obituaries, 195
- Norton Utilities, 658
  
- Obfuscated links, 46
- Oblivious transfer, 317
- One-time password, 58, 279, 295
- Online doppehganger attack, 283
- Open proxy honeypot, 163
- Open relay, 163
- OpenWRT, 124
- Operating system, 381
- Opportunity costs, 5
- OS, 681
- OS, 317
- OTP, 58, 295
- Output-side attack, 385
  
- Packet authentication, 80
- PAKE, 305, 306
- Password, 271
- Password authenticated key exchange, 305, 306, 330
- Password hashing, 60, 329
- Password recycling, 272
- Password reset, 284
- Password tokens, 295
- Password, delayed disclosure, 312
- PayPal attack, 510

- Perl, 198
- Pet name, 289
- Postname Firefox extension, 505
- PGP, 560
- Pharming, 35, 99, 116, 357, 389
- Pharming with appliances, 129
- Pharming, defense against, 119
- Phishing graph, 169
- Phishing kits, 19
- Phishing, brief history, 5
- Phishing, modeling, 171
- Poisoning, 35
- Policy based data, 61
- Pollution, 622
- Pollution policy, 477
- Polymorphic spam attack, 460
- Pop-up window attack, 510
- Potential tort liability, 646
- Preemptive domain registrations, 38
- Preparing for an attack, 49
- Pretexting, 671
- Pretty Good Privacy, 560
- Privacy enhanced mail, 558
- Programmatically obscured links, 16
- Property records, 195
- Protecting browser state, 463
- Proxy, 623
- Pseudonym, 475, 522
- Public key cryptography, 138
- Public key infrastructure, 402
- Public-private data, 185
- PwdHash, 500
  
- Race pharming, 127
- Radio Frequency Identification, 420
- Random oracles, 308
- Redirected links, 46
- Reference template, 367
- Reflector attack, 75
- Remote attestation, 400
- Remote detection, 116
- Reputability, 435
- Reputation systems, 524
- Reverse path forwarding, 78
- RFID, 426
- Ring signatures, 433, 435
- RoboForm, 503
- Robot policies, 176
- Rootkit, 19, 130, 393
- Rootkits, defense against, 115
- RPF, 78
- RSA, 145
  
- S/MIME, 138, 437, 557, 558
- S/MIME for webmail, 583
- S/MIME, Secure/MIME, 12
- Same origin principle, 464
- Sandbox, 388
- Sandbox, policy based, 389
- Sandbox, virtual machine based, 389
- Screen based data entry, 51
- Screenlogger, 33, 198
- Search engine, phishing, 37
- Secure dangles, 401
- Secure HTTP connection, lack of, 39
- Secure operating systems, 381
- Secure patching, 42
- Secure Socket Layer, 145
- Security indicators, 339
- Security toolbar, 511
- Security toolbar, shortcomings of, 514
- Security upgrade, 16
- Sender ID, 136
- Sender Policy Framework, 72
- Sender ID, 41
- Session hijacker, 34, 112
- Shop bots, 24
- Shopping websites, 205
- Signed applets, 612
- Similar-name attack, 510
- Simple Mail Transfer Protocol, 65
- Simple password exponential key exchange, 397
- Simulated browser attack, 81
- Simulating attack, 607
- Simulation approach, 592
- Site Safe, 499
- SmartScreen, 546
- SMTP, 65
- Smurf attack, 75
- Social engineering, 12
- Social engineering attack, 33
- Social networks, 196, 204, 517
- Social networks, risk of, 542
- Social security death index, 193
- Spatio, 68, 133, 546, 665
- Spam phishing, 169
- SPEKE, 307
- SPF, 31
- SpoofGuard, 93, 488
- Spoofing, 439, 599
- Spoofing, experimenting with, 604
- SpoofSick, 489
- Spyware, 109
- Spyware, defense against, 115
- SQL injection, 36
- SSL, 88, 138, 143, 149, 366, 527, 658
- SSL, mimating, 618
- Stack buffer overflow, 103
- Stateful browsing, 413
- Sub-user identities, 391
- Subject reactions, 669
- Super application, 384
- SuperApp, 384, 388
- Surveys, 592
- Sybil attack, 537
- System reconfiguration, 35
  
- Takedown, 455, 685

- TAN, 280
- TCP SYN attack, 75
- TCPIP, 74, 128
- Theft, 674
- Theft, deception, and related laws, 643
- Third-party certification, 526
- Third-party cookies, 415
- TLS, 138, 145
- Toolkit, 107
- Traceback, 76
- Tracing compromised credentials, 57
- Trademark, 668
- Trademark law, 638
- Transaction confirmation, 60
- Transaction numbers, 280
- Transport Layer Security, 145
- Trespass to chattels, 617, 676
- Trojan horses, 110
- Trust, 518
- Trust, false, 613
- Trusted applets, 612
- Trusted computing, 381
- Trusted computing platforms, 394
- Trusted path, 55, 303, 321, 338, 413
- Trusted storage, 592
- TrustUI toolbar, 491
- Two-factor authentication, 58, 353, 403
  
- Unfair trade practice, 672
- Unmotivated user property, 334
- URL, hiding, encoding, and matching, 47
- Usability, 236, 332, 312, 540, 570
- User education, 73
- User-centered design, 242
- Using trademarks, logos and images, 16
  
- Verification engine, 493
- Video observation, 592
- Virtual machine, 389
- Virus kits, 107
- Virus, defense against, 112
- Viruses, 100
- Visual hash algorithm, 341
- Voice patterns, 569
- Voter registration records, 194
  
- War-driving, 685
- Web spoofing, 85
- Web Trojans, 35
- Whitchating, 70, 134
- WIIQS, 47
- WiFi, 122
- Wire fraud, 671
- Worms, 100
- Worms, defense against, 112
  
- Yahoo shopping, 25
  
- Zero-day, 42
- Zombie, 442
- Zombie-net, 17