List of Acronyms

ACM	Association for Computing Machinery
AES	Advanced Encryption Standard
AFS	Andrew File System
AH	Authentication Header
ARP	Address Resolution Protocol
AS	Autonomous System
ATM	Asynchronous Transfer Mode
BGP	Border Gateway Protocol
BPF	Berkeley packet filter
BoF	birds of a feather
CA	Certificate Authority
CBC	Cipher Block Chaining
CCS	Computers and Communication Security
CERT	Computer Emergency Response Team
CFB	Cipher Feedback
CGI	Common Gateway Interface
CIDR	Classless Inter-Domain Routing
CIFS	Common Internet File System
COTS	Commercial Off-The-Shelf
DCE	Distributed Computing Environment
DDoS	Distributed Denial-of-Service
DES	Data Encryption Standard
DHCP	Dynamic Host Configuration Protocol

DMZ	demilitarized zone
DNS	Domain Name System
DOS	denial-of-service
DRM	digital rights management
DSO	dynamic shared object
DSS	Digital Signature Standard
DTE	domain and type enforcement
DVMRP	Distance Vector Multicast Routing Protocol
ECB	Electronic Code Book
ESP	Encapsulating Security Protocol
FAQ	frequently asked questions
FEP	Firewall Enhancement Protocol
FERPA	Family Educational Rights and Privacy Act
FTP	File Transfer Protocol
GPS	Global Positioning System
GSS-API	Generic Security Service Application Program Interface
GUI	graphical user interface
HOTS	Hacker Off-the-Shelf
HTML	Hypertext Markup Language
HTTP	Hypertext Transfer Protocol
ICMP	Internet Control Message Protocol
IDS	intrusion detection system
IETF	Internet Engineering Task Force
IFF	Identification Friend or Foe
IKE	Internet Key Exchange
IM	Instant Messaging
IP	Internet Protocol
IPP	Internet Printing Protocol
IPSP	IP Security Policy
IRC	Internet Relay Chat
ISOC	Internet Society
ISP	Internet service provider
IV	initialization vector
KDC	Key Distribution Center
KINK	Kerberized Internet Negotiation of Keys

KISS	keep it simple, stupid
L2TP	Layer Two Tunneling Protocol
LDAP	Lightweight Directory Access Protocol
LISA	Large Installation Systems Administration
MAC	message authentication code
MIB	management information base
MIME	Multipurpose Internet Mail Extensions
MLS	multilevel secure system
MSIE	Microsoft Internet Explorer
NANOG	The North American Network Operators' Group
NAS	Network Access Server
NAT	Network Address Translation
ND	Neighbor Discovery
NDSS	Networks and Distributed Systems Security
NFR	Network Flight Recorder
NFS	Network File System
NIDS	Network IDS
NIS	Network Information Service
NNTP	Network News Transfer Protocol
NSA	National Security Agency
NTP	Network Time Protocol
OFB	output feedback
OSPF	Open Shortest Path First
OTP	One-Time Password
PAM	Pluggable Authentication Module
PGP	Pretty Good Privacy
PHP	PHP Hypertext Preprocessor
PIN	personal identification number
PKI	Public Key Infrastructure
PKIX	Public Key Infrastructure (X.509)
PPP	Point-to-Point Protocol
PPTP	Point-to-Point Tunneling Protocol
PSTN	Public Switched Telephone Network
RA	Router Advertisement
RADIUS	Remote Authentication Dial In User Service

RIP	Routing Information Protocol
RPC	Remote Procedure Call
RPM	Red Hat Package Manager
RR	resource record
RTP	Real-Time Transport Protocol
S-box	substitution box
S/MIME	Secure Multipurpose Internet Mail Extensions
SA	security association
SAC	Strategic Air Command
SASL	Simple Authentication and Security Layer
SCTP	Stream Control Transmission Protocol
SIP	Session Initiation Protocol
SMB	Server Message Block
SMS	Server Management System
SMTP	Simple Mail Transfer Protocol
SNMP	Simple Network Management Protocol
SOAP	Simple Object Access Protocol
SPD	Security Policy Database
SPI	Security Parameter Index
SSL	Secure Socket Layer
TCB	Trusted Computing Base
TCP	Transmission Control Protocol
TCPA	Trusted Computing Platform Alliance
TFN	Tribe Flood Network
TFTP	Trivial File Transfer Protocol
TGS	Ticket-Granting Server
TKIP	Temporal Key Integrity Protocol
TLA	Three Letter Abbreviation
TLS	Transport Layer Security
TTL	time-to-live
UDP	User Datagram Protocol
UPS	uninterruptible power supply
URL	Uniform Resource Locator
VPN	virtual private network
W3C	World Wide Web Consortium

WEP	Wired Equivalent Privacy
WWW	World Wide Web
XDMCP	X Display Manager Control Protocol
XDR	External Data Representation