ACRONYM SPELLED OUT

3DES Triple Digital Encryption Algorithm

A/V Audio Video

AAA Authentication Authorization and Accounting

AAAA Authentication, Authorization, Accounting and Auditing

ABAC Attribute-based Access Control

AC Alternating Current
ACL Access Control List

ACPI Advanced Configuration Power Interface

AD Active Directory

ADF Automatic Document Feeder

ADSL Asymmetric Digital Subscriber Line

AES Advanced Encryption Standard

AES256 Advanced Encryption Standards 256bit

AH Authentication Header

AHCI Advanced Host Controller Interface

Al Artificial Intelligence

AIO All In One

AIS Automated Indicator Sharing
ALE Annualized Loss Expectancy

AP Access Point

APC Angle Polished Connector

API Application Programming Interface

APIPA Automatic Private Internet Protocol Addressing

APM Advanced Power Management
APT Advanced Persistent Threat

ARIN American Registry for Internet Numbers

ARM Advanced RISC Machines

ARO Annualized Rate of Occurrence ARP Address Resolution Protocol

AS Autonomous System

ASCII American Standard Code for Information Interchange

ASIC Application Specific Integrated Circuit
ASLR Address Space Layout Randomization

ASP Application Service Provider

ASP Active Server Pages

ASR Automated System Recovery
ATA Advanced Technology Attachment

ATAPI Advanced Technology Attachment Packet Interface

ATM Asynchronous Transfer Mode

ATT&CK Adversarial Tactics, Techniques, and Common Knowledge

ATX Advanced Technology Extended

AUP Acceptable Use Policy

Auto MDI-X Automatic Medium-Dependent Interface Crossover

AV Antivirus

BASH Bourne Again Shell
BCP Business Continuity Plan

BD-R Blu-ray Disc Recordable BD-RE Blu-ray Disc Rewritable

BD-ROM Blu-ray Disc-Read-Only Memory

BERT Bit-Error Rate Test

BGP Border Gateway Protocol
BIA Business Impact Analysis
BIOS Basic Input/Output System
BLE Bluetooth Low Energy
BNC Bayonet-Neill-Concelman

BNC British Naval Connector/Bayonet Niell-Concelman

Boot Protocol/Bootstrap Protocol
BPA Business Partnership Agreement

BPDU Bridge Protocol Data Unit

BRI Basic Rate Interface
BSOD Blue Screen of Death
BSSID Basic Service Set Identifier
BYOD Bring Your Own Device
CA Certificate Authority

CaaS Communication as a Service

CAC Common Access Card
CAD Computer-Aided Design

CAM Computer-Aided Manufacturing CAM Content Addressable Memory

CAN Campus Area Network

CAPTCHA Completely Automated Public Turing test to tell Computers and Humans Apart

CAR Corrective Action Report

CARP Common Address Redundancy Protocol

CASB Cloud Access Security Broker

CAT Category

CBC Cipher Block Chaining
CBT Computer-based Training

CCMP Counter-mode Cipher Block Chaining Message Authentication Code Protocol

CCTV Closed-Circuit Television

CD Compact Disc

CDFS Compact Disc File System
CDMA Code Division Multiple Access
CD-ROM Compact Disc-Read-Only Memory

CD-RW Compact Disc-Rewritable

CERT Computer Emergency Response Team

CFB Cipher Feedback

CFS Central File System, Common File System, or Command File System

CGA Computer Graphics and Applications

CHAP Challenge Handshake Authentication Protocol

CIDR Classless Inter-Domain Routing
CIFS Common Internet File System
CIO Chief Information Officer

CIRT Computer Incident Response Team

CIS Center for Internet Security

CMOS Complementary Metal-Oxide Semiconductor

CMS Content Management System

CN Common Name
CNAME Canonical Name

COPE Communications and Networking Riser
COMx Communication port (x=port number)
COOP Continuity of Operations Planning
COPE Corporate-owned Personally Enabled

CoS Class of Service

CP Contingency Planning
CPU Central Processing Unit

CRAM-MD5 Challenge-Response Authentication Mechanism-Message Digest 5

CRC Cyclic Redundancy Check
CRL Certificate Revocation List

CRT Cathode-Ray Tube

CRUD Create, Read, Update, Delete
CSA Cloud Security Alliance

CSIRT Computer Security Incident Response Team
CSMA/CA Carrier Sense Multiple Access/Collision Avoidance
CSMA/CD Carrier Sense Multiple Access/Collision Detection

CSO Chief Security Officer
CSP Cloud Service Provider
CSR Certificate Signing Request
CSRF Cross-Site Request Forgery
CSS Cascading Style Sheets
CSU Channel Service Unit
CTM Counter-Mode

CTO Chief Technology Officer

CVE Common Vulnerabilities and Exposures
CVSS Common Vulnerability Scoring System
CVW Collaborative Virtual Workspace

CWDM Coarse Wave Division Multiplexing

CYOD Choose Your Own Device

DaaS Data as a Service
Daas Desktop as a Service

DAC Discretionary Access Control

dB Decibel

DB-25 Serial Communications D-Shell Connector, 25 pins
DB-9 Serial Communications D-Shell Connector, 9 pins

DBA Database Administrator
DBaaS Database as a Service

DC Direct Current

DCS Distributed Computer System
DDL Data Definition Language
DDOS Distributed Denial of Service

DDR Double Data Rate

DDR RAM Double Data Rate Random Access Memory

DEP Data Execution Prevention
DER Distinguished Encoding Rules
DES Data Encryption Standard
DFS Distributed File System

DHCP Dynamic Host Configuration Protocol

DHE Diffie-Hellman Ephemeral
DIMM Dual Inline Memory Module
DIN Deutsche Industrie Norm
DKIM Domain Keys Identified Mail

DLC Data Link Control
DLL Dynamic Link Layer
DLL Dynamic Link Library

DLP Digital Light Processing or Data Loss Prevention

DLP Data Leak Prevention
DLP Data Loss Prevention
DLR Device Level Ring
DLT Digital Linear Tape
DMA Direct Memory Access

DMARC Domain Message Authentication Reporting and Conformance

DML Data Manipulation Language

DMVPN Dynamic Multipoint Virtual Private Network

DMZ Demilitarized Zone

DNAT Destination Network Address Translation
DNS Domain Name Service or Domain Name Server

DNS Domain Name Service/Domain Name Server/Domain Name System

DNSSEC Domain Name System Security Extensions

DOCSIS Data-Over-Cable Service Interface Specification

DoS Denial of Service

DPI Deep Packet Inspection
DPO Data Protection Officer
DR Designated Router

DRAM Dynamic Random Access Memory

DRM Digital Rights Management
DRP Disaster Recovery Plan
DSA Digital Signature Algorithm

DSCP Differentiated Services Code Point

DSL Digital Subscriber Line

DSSS Direct Sequence Spread Spectrum

DSU Data Service Unit

DTLS Datagram Transport Layer Security
DVD Digital Video Disc or Digital Versatile Disc

DVD-R Digital Versatile Disc-Recordable

DVD-RAM Digital Versatile Disc-Random Access Memory
DVD-ROM Digital Versatile Disc-Read Only Memory

DVD-RW Digital Versatile Disc-Rewritable

DVI Digital Visual Interface

DVI-D Digital Visual Interface--Digital

DWDM Dense Wavelength Division Multiplexing

E1 E-Carrier Level 1

EAP Extensible Authentication Protocol

EBCDIC Extended Binary Coded Decimal Interchange Code

ECB Electronic Code Book
ECC Error Correcting Code
ECC Elliptic-curve Cryptography

ECDHE Elliptic-curve Diffie-Hellman Ephemeral ECDSA Elliptic-curve Digital Signature Algorithm

ECP Extended Capabilities Port
EDNS Extension Mechanisms for DNS
EDR Endpoint Detection and Response

EEPROM Electrically Erasable Programmable Read-Only Memory

EFS Encrypting File System
EGP Exterior Gateway Protocol

EIDE Enhanced Integrated Drive Electronics

EIP Extended Instruction Pointer EMI Electromagnetic Interference

EMP Electromagnetic Pulse

EOL End of Life
EOS End of Service

EPP Enhanced Parallel Port

EPROM Erasable Programmable Read-Only Memory

ERD Emergency Repair Disk

ERP Enterprise Resource Planning

eSATA External Serial Advanced Technology Attachment

ESD Electrostatic Discharge
ESN Electronic Serial Number
ESP Encapsulated Security Payload
ESSID Extended Service Set Identifier
EUI Extended Unique Identifier
EULA End User License Agreement

EVGA Extended Video Graphics Adapter/Array

exFAT Extended File Allocation Table
Ext2 Second Extended File System
FACL File System Access Control List

FAT File Allocation Table

FAT12 12-bit File Allocation Table FAT16 16-bit File Allocation Table FAT32 32-bit File Allocation Table

FC Fibre Channel

FCOE Fibre Channel over Ethernet
FCS Frame Check Sequence
FDD Flame Diel Drive

FDD Floppy Disk Drive FDE Full Disk Encryption

FDM Frequency Division Multiplexing

FHSS Frequency Hopping Spread Spectrum

FIM File Integrity Monitoring
FM Frequency Modulation

FPGA Field Programmable Gate Array

FPM Fast Page Mode

FQDN Fully Qualified Domain Name

FRR False Rejection Rate FSB Front-Side Bus

FTP File Transfer Protocol

FTPS File Transfer Protocol over Secure Sockets Layer

FTPS Secured File Transfer Protocol

Gb Gigabit
GB Gigabyte

GBIC Gigabit Interface Converter

Gbps Gigabit per second
Gbps Gigabits per second
GCM Galois/Counter Mode
GDDR Graphics Double Data Rate
GDI Graphics Device Interface

GDPR General Data Protection Regulation

GHz Gigahertz

GLBP Gateway Load Balancing Protocol

GPG GNU Privacy Guard
GPO Group Policy Object
GPS Global Positioning System
GPT GUID Partition Table
GPU Graphics Processing Unit
GRE Generic Routing Encapsulation

GSM Global System for Mobile Communications

GUI Graphical User Interface
GUID Globally Unique Identifier

HA High Availability

HAL Hardware Abstraction Layer
HAV Hardware Assisted Virtualization
HCL Hardware Compatibility List

HDCP High-Bandwidth Digital Content Protection

HDD Hard Disk Drive

HDLC High-Level Data Link Control

HDMI High-Definition Multimedia Interface

HFS Hierarchical File System

HIDS Host-based Intrusion Detection System
HIPS Host-based Intrusion Prevention System
HMAC Hash-based Message Authentication Code

HOTP HMAC-based One-time Password
HPFS High Performance File System
HSM Hardware Security Module

HSMaaS Hardware Security Module as a Service

HSPA High-Speed Packet Access
HSRP Hot Standby Router Protocol

HT High Throughput

HTML Hypertext Markup Language

HTPC Home Theater PC

HTTP Hypertext Transfer Protocol

HTTPS Hypertext Transfer Protocol Secure
HVAC Heating, Ventilation and Air Conditioning

Hz Hertz

I/O Input/Output

laaS Infrastructure as a Service

IAM Identity and Access Management
IANA Internet Assigned Numbers Authority
ICA Independent Computer Architecture

ICANN Internet Corporation for Assigned Names and Numbers

ICMP Internet Control Message Protocol ICR Intelligent Character Recognition

ICS Internet Connection Sharing/Industrial Control System

IDE Integrated Drive Electronics

IDEA International Data Encryption Algorithm

IDF Intermediate Distribution Frame

IdP Identity Provider

IDS Intrusion Detection System

IEEE Institute of Electrical and Electronics Engineers

IGMP Internet Group Message Protocol

IGP Interior Gateway Protocol

IGRP Interior Gateway Routing Protocol
IIS Internet Information Services

IKE Internet Key Exchange
IM Instant Messaging

IMAP Internet Mail Access Protocol

IMAP4 Internet Message Access Protocol version 4
 IMEI International Mobile Equipment Identity
 IMSI International Mobile Subscriber Identity
 InterNIC Internet Network Information Center

IoC Indicators of Compromise

IOPS Input/Output Operations Per Second

IOT Internet of Things
IP Internet Protocol

IPAM IP Address Management

IPConfig Internet Protocol Configuration

IPP Internet Printing Protocol
IPS Intrusion Prevention System
IPSec Internet Protocol Security
IPv4 Internet Protocol version 4
IPv6 Internet Protocol version 6

IR Infrared

IR Incident Response
IRC Internet Relay Chat
IrDA Infrared Data Association
IRP Incident Response Plan
IRQ Interrupt Request

ISA Industry Standard Architecture
ISA Interconnection Security Agreement

ISAKMP Internet Security Association and Key Management Protocol

ISDN Integrated Services Digital Network
ISFW Internal Segmentation Firewall

IS-IS Intermediate System to Intermediate System
ISO International Organization for Standardization

ISP Internet Service Provider

ISSO Information Systems Security Officer

IT Information Technology ITCP IT Contingency Plan

ITS Intelligent Transportation System

IV Initialization Vector
JBOD Just a Bunch of Disks
KB Knowledge Base

Kb Kilobit

KB Kilobyte or Knowledge Base

Kbps Kilobits per second
KDC Key Distribution Center
KEK Key Encryption Key

KVM Kernel-based Virtual Machine
KVM Keyboard Video Mouse
L2TP Layer 2 Tunneling Protocol

LACP Link Aggregation Control Protocol

LAN Local Area Network
LBA Logical Block Addressing

LC Lucent Connector
LC Local Connector
LCD Liquid Crystal Display

LDAP Lightweight Directory Access Protocol

LEAP Lightweight Extensible Authentication Protocol

LEC Local Exchange Carrier
LED Light Emitting Diode
LLC Logical Link Control

LLDP Link Layer Discovery Protocol

LPD/LPR Line Printer Daemon/Line Printer Remote

LPT Line Printer Terminal
LSA Link State Advertisements
LTE Long Term Evolution
LVD Low Voltage Differential

LWAPP Light Weight Access Point Protocol

MaaS Mobility as a Service

MaaS Monitoring as a Service

MAC Media Access Control/Medium Access Control

MAM Mobile Application Management MAN Metropolitan Area Network

MAPI Messaging Application Programming Interface

mATX Micro Advanced Technology Extended
MAU Media Access Unit/Media Attachment Unit

Mb Megabit MB Megabyte

Mbps Megabits per second
MBps Megabytes per second
MBR Master Boot Record

MBSA Microsoft Baseline Security Analyzer

MD5 Message Digest 5

MDF Main Distribution Frame
MDI Media Dependent Interface

MDIX Media Dependent Interface Crossover

MDM Mobile Device Management MFA Multifactor Authentication

MFD Multifunction Device
MFP Multifunction Product
MFP Multifunction Printer

MGCP Media Gateway Control Protocol

MHz Megahertz

MIB Management Information Base
MicroDIMM Micro Dual Inline Memory Module
MIDI Musical Instrument Digital Interface
MIME Multipurpose Internet Mail Extension
MIMO Multiple Input Multiple Output

MITM Man-in-the-Middle ML Machine Learning

MLA Master License Agreement/Multilateral Agreement

MMC Microsoft Management Console

MMF Multimode Fiber

MMS Multimedia Message Service
MOA Memorandum of Agreement
MOU Memorandum of Understanding

MP3 Moving Picture Experts Group Layer 3 Audio

MP4 Moving Picture Experts Group Layer 4

MPEG Moving Picture Experts Group
 MPLS Multiprotocol Label Switching
 MSA Master Service Agreement
 MSA Measurement Systems Analysis

MSCHAP Microsoft Challenge Handshake Authentication Protocol MS-CHAP Microsoft Challenge Handshake Authentication Protocol

MSConfig Microsoft Configuration
MSDS Material Safety Data Sheet

MSP Managed Service Provider

MSSP Managed Security Service Provider
MTBF Mean Time Between Failures

MT-RJ Mechanical Transfer Registered Jack
MT-RJ Mechanical Transfer-Registered Jack

MTTF Mean Time to Failure
MTTR Mean Time To Recovery
MTTR Mean Time to Repair

MTU Maximum Transmission Unit MUI Multilingual User Interface

MU-MIMO Multiuser Multiple Input, Multiple Output

MX Mail Exchanger

NaaS Network as a Service NAC **Network Access Control** NAS **Network-Attached Storage** NAS **Network Attached Storage Network Address Translation** NAT NCP **Network Control Protocol** NDA Non-Disclosure Agreement **NDR** Non-Delivery Receipt

NetBEUI Networked Basic Input/Output System Extended User Interface

NetBEUI Network Basic Input/Output Extended User Interface

NetBIOS Networked Basic Input/Output System
NetBIOS Network Basic Input/Output System

NFC Near Field Communications

NFS Network File System
NFS Network File Service

NFV Network Function Virtualization

NGFW Next-Generation Firewall

NG-SWG Next-generation Secure Web Gateway

NIC Network Interface Card

NiCd Nickel Cadmium

NIDS Network Intrusion Detection System

NIDS Network-based Intrusion Detection System

NiMH Nickel Metal Hydride

NIPS Network-based Intrusion Prevention System
NIST National Institute of Standards & Technology

NIU Network Interface Unit
NLX New Low-profile Extended

nm Nanometer

NNTP Network News Transport Protocol

NOC Network Operations Center
NTFS New Technology File System
NTLDR New Technology Loader

NTLM New Technology LAN Manager

NTP Network Time Protocol

NTSC National Transmission Standards Committee

NVMe Non-volatile Memory Express

OAUTH Open Authentication

OCR Optical Character Recognition
OCSP Online Certificate Status Protocol

OCx Optical Carrier

OEM Original Equipment Manufacturer

OID Object Identifier

OLED Organic Light Emitting Diode

OOB Out of Band
OS Operating System

OSI Open Systems Interconnect
OSINT Open-source Intelligence
OSPF Open Shortest Path First
OT Operational Technology

OTA Over-The-Air

OTDR Optical Time Domain Reflectometer

OTG On-The-Go

OUI Organizationally Unique Identifier

OVAL Open Vulnerability and Assessment Language

OWASP Open Web Application Security Project

P12 PKCS #12 P2P Peer-to-Peer

PaaS Platform as a Service
PAC Proxy Auto Configuration
PAL Phase Alternating Line

PAM Privileged Access Management
PAM Pluggable Authentication Modules

PAN Personal Area Network

PAP Password Authentication Protocol

PAT Port Address Translation

PB Petabyte

PBKDF2 Password-based Key Derivation Function 2

PBX Private Branch Exchange
PC Personal Computer
PCAP Packet Capture

PCI Peripheral Component Interconnect

PCI Payment Card Industry

PCI DSS Payment Card Industry Data Security Standard
PCIe Peripheral Component Interconnect Express
PCIX Peripheral Component Interconnect Extended

PCL Printer Command Language
PCM Phase-Change Memory

PCMCIA Personal Computer Memory Card International Association

PDoS Permanent Denial of Service

PDU Protocol Data Unit
PDU Power Distribution Unit
PE Preinstallation Environment

PE Portable Executable

PEAP Protected Extensible Authentication Protocol

PED Portable Electronic Device
PEM Privacy Enhanced Mail
PFS Perfect Forward Secrecy

PGA Pin Grid Array
PGA2 Pin Grid Array 2
PGP Pretty Good Privacy

PHI Personal Health Information
PII Personally Identifiable Information
PIN Personal Identification Number
PIV Personal Identity Verification
PKCS Public Key Cryptography Standards

PKI Public Key Infrastructure

PnP Plug and Play
PoC Proof of Concept
PoE Power over Ethernet
POP Post Office Protocol

POP3 Post Office Protocol version 3

PoS Point of Sale

POST Power-On Self-Test

POTS Plain Old Telephone Service

PPM Pages Per Minute

PPP Point-to-Point Protocol

PPPOE Point-to-Point Protocol over Ethernet
PPTP Point-to-Point Tunneling Protocol

PRI Primary Rate Interface

PROM Programmable Read-Only Memory
PS/2 Personal System/2 connector

PSK Pre-Shared Key

PSTN Public Switched Telephone Network

PSU Power Supply Unit PTP Point-to-Point

PTR Pointer

PTZ Pan-Tilt-Zoom

PUA Privileged User Agreement
PUP Potentially Unwanted Program
PVA Patterned Vertical Alignment
PVC Permanent Virtual Circuit

PXE Preboot Execution Environment

QA Quality Assurance QoS Quality of Service

QSFP Quad Small Form-Factor Pluggable

RA Registration Authority

RAD Rapid Application Development

RADIUS Remote Authentication Dial-In User Server

RAID Redundant Array of Independent (or Inexpensive) Disks

RAM Random Access Memory

RARP Reverse Address Resolution Protocol

RAS Remote Access Server
RAT Remote Access Trojan
RC4 Rivest Cipher version 4

RCS Rich Communication Services
RDP Remote Desktop Protocol

RF Radio Frequency

RFC Request for Comments

RFI Radio Frequency Interference
RFID Radio Frequency Identification

RFP Request for Proposal

RG Radio Guide RGB Red Green Blue

RIP Routing Information Protocol

RIPEMD RACE Integrity Primitives Evaluation Message Digest

RIS Remote Installation Service

RISC Reduced Instruction Set Computer

RJ Registered Jack

RJ-11 Registered Jack Function 11 RJ-45 Registered Jack Function 45

RMA Returned Materials Authorization

ROI Return on Investment
ROM Read-Only Memory
RPO Recovery Point Objective
RSA Rivest, Shamir, Adelman

RSH Remote Shell

RSTP Rapid Spanning Tree Protocol
RT Recovery Time Objective
RTBH Remotely Triggered Black Hole

RTC Real-Time Clock

RTO Recovery Time Objective
RTOS Real-time Operating System

RTP Real-Time Protocol

RTP Real-time Transport Protocol RTSP Real-Time Streaming Protocol

RTT Round Trip Time or Real Transfer Time

S.M.A.R.T. Self-Monitoring, Analysis, and Reporting Technology

S/MIME Secure/Multipurpose Internet Mail Extensions

SA Security Association
Saas Software as a Service

SAE Simultaneous Authentication of Equals
SAML Security Assertions Markup Language

SAN Storage Area Network
SAS Serial Attached SCSI

SATA Serial Advanced Technology Attachment

SC Subscription Channel

SC Standard Connector/Subscriber Connector
SCADA Supervisory Control and Data Acquisition
SCAP Security Content Automation Protocol
SCEP Simple Certificate Enrollment Protocol

SCP Secure Copy Protocol

SCSI Small Computer System Interface

SCSI ID Small Computer System Interface Identifier

SD card Secure Digital Card

SDK Software Development Kit

SDLC Software Development Life Cycle

SDLM Software Development Life-cycle Methodology

SDN Software Defined Network
SDN Software-defined Networking
SDP Session Description Protocol
SDP Service Delivery Platform

SDSL Symmetrical Digital Subscriber Line

SDV Software-defined Visibility
SEC Single Edge Connector
SECaaS Security as a Service
SED Self-Encrypting Drives

SEH Structured Exception Handling

SFC System File Checker
SFF Small Form Factor

SFP Small Form-factor Pluggable
SFTP Secure File Transfer Protocol
SGCP Simple Gateway Control Protocol

SHA Secure Hash Algorithm
SHA Secure Hashing Algorithm

S-HTTP Secure Hypertext Transfer Protocol

SID System Identifier

SIEM Security Information and Event Management

SIM Subscriber Identity Module
SIMM Single In-Line Memory Module
SIP Session Initiation Protocol
SLA Service Level Agreement

SLAAC Stateless Address Auto Configuration

SLE Single Loss Expectancy

SLI Scalable Link Interface or System Level Integration or Scanline Interleave Mode

SLIP Serial Line Internet Protocol

SMB Server Message Block
SMF Single-Mode Fiber
SMS Short Message Service

SMTP Simple Mail Transfer Protocol

SMTPS Simple Mail Transfer Protocol Secure

SNAT Static Network Address Translation/Source Network Address Translation

SNMP Simple Network Management Protocol

SNR Signal-to-Noise Ratio

SNTP Simple Network Time Protocol

SOA Start of Authority

SOAP Simple Object Access Protocol

SOAR Security Orchestration, Automation, Response

SoC System on Chip

SOC Security Operations Center

SoDIMM Small Outline Dual Inline Memory Module

SOHO Small Office/Home Office SONET Synchronous Optical Network SOP Standard Operating Procedure

SOW Statement of Work

SP Service Pack

SPB Shortest Path Bridging

SPDIF Sony-Philips Digital Interface Format

SPF Sender Policy Framework
SPGA Staggered Pin Grid Array
SPI Stateful Packet Inspection
SPIM Spam over Internet Messaging

SPS Standby Power Supply SQL Structured Query Language

SQLi SQL Injection

SRAM Static Random Access Memory
SRTP Secure Real-time Transport Protocol

SSD Solid State Drive SSH Secure Shell

SSID Service Set Identifier SSL Secure Sockets Layer

SSO Single Sign-on SSO Secure Sign-On ST Straight Tip

ST Straight Tip or Snap Twist

STIX Structured Threat Information expression

STP Shielded Twisted Pair

STP Spanning Tree Protocol/Shielded Twisted Pair

SVC Switched Virtual Circuit
SWG Secure Web Gateway

SXGA Super Extended Graphics Array

SYSLOG System Log

T1 Terrestrial Carrier Level 1

TA Terminal Adaptor

TACACS Terminal Access Control Access Control System

TACACS+ Terminal Access Control Access Control System+

TAXII Trusted Automated eXchange of Indicator Information

Tb Terabit
TB Terabyte

Tbps Terabits per second

TCP Transmission Control Protocol

TCP/IP Transmission Control Protocol/Internet Protocol

TDM Time Division Multiplexing
TDR Time Domain Reflectometer
Telco Telecommunications Company
TFTP Trivial File Transfer Protocol

TGT Ticket Granting Ticket

TIA/EIA Telecommunication Industries Association/Electronic Industries Alliance

TKIP Temporal Key Integrity Protocol

TLS Transport Layer Security
TLS Thread Local Storage

TMS Transportation Management System

TN Twisted Nematic TOS Type of Service

TOTP Time-based One Time Password

TPM Trusted Platform Module
TSIG Transaction Signature

TTL Time to Live

TTLS Tunneled Transport Layer Security
TTP Tactics, Techniques, and Procedures

UAC User Account Control
UAT User Acceptance Testing
UAV Unmanned Aerial Vehicle
UC Unified Communications

UDF User Defined Functions or Universal Disk Format or Universal Data Format

UDP User Datagram Protocol

UEBA User and Entity Behavior Analytics
UEFI Unified Extensible Firmware Interface

UEM Unified Endpoint Management
UNC Universal Naming Convention
UPC Ultra Polished Connector
UPnP Universal Plug and Play

UPS Uninterruptable Power Supply
URI Uniform Resource Identifier
URL Uniform Resource Locator

USB Universal Serial Bus
USB OTG USB On-The-Go

USMT User State Migration Tool
UTM Unified Threat Management
UTP Unshielded Twisted Pair

UXGA Ultra Extended Graphics Array

VA Vertical Alignment

VBA Visual Basic VDC Volts DC

VDE Virtual Desktop Environment
VDI Virtual Desktop Infrastructure
VDSL Variable Digital Subscriber Line

VESA Video Electronics Standards Association

VFAT Virtual File Allocation Table

VGA Video Graphics Array or Video Graphics Adapter

VLAN Virtual Local Area Network
VLSM Variable-length Subnet Masking

VM Virtual Machine

VNC Virtual Network Connection
VoIP Voice over Internet Protocol

VPC Virtual Private Cloud VPN Virtual Private Network

VRAM Video Random Access Memory VRF Virtual Routing Forwarding

VRRP Virtual Router Redundancy Protocol

VTC Video Teleconference
VTC Video Teleconferencing
VTP VLAN Trunk Protocol
WAF Web Application Firewall
WAN Wide Area Network

WAP Wireless Access Protocol/Wireless Access Point

WEP Wired Equivalency Privacy

WIDS Wireless Intrusion Detection System

WIFI Wireless Fidelity

WINS Windows Internet Name Service
WIPS Wireless Intrusion Prevention System

WLAN Wireless Local Area Network

WMN Wireless Mesh Network

WMS Warehouse Management System

WORM Write Once Read Many
WPA WiFi Protected Access
WPA2 WiFi Protected Access 2
WPS WiFi Protected Setup

WTLS Wireless TLS

WUXGA Wide Ultra Extended Graphics Array

WWAN Wireless Wide Area Network

WWN World Wide Name
XaaS Anything as a Service

XDSL Extended Digital Subscriber Line

XGA Extended Graphics Array
XML eXtensible Markup Language

XOR Exclusive Or

XSRF Cross-site Request Forgery

XSS Cross-site Scripting
Zeroconf Zero Configuration
ZIF Zero-Insertion-Force
ZIP Zigzag Inline Package

ACRONYM SPELLED OUT

AC Alternating Current
ACL Access Control List

AES Advanced Encryption Standard

AIO All In One

APIPA Automatic Private Internet Protocol Addressing

ARM Advanced RISC Machines
ARP Address Resolution Protocol
ASCII American Standard Code
for Information Interchange

BD-ROM Blu-ray Disc-Read-Only Memory

BIOS Basic Input/Output System
CAD Computer-Aided Design

CAM Computer-Aided Manufacturing

CD Compact Disc

CD-ROM Compact Disc-Read-Only Memory

CD-RW Compact Disc-Rewritable
CPU Central Processing Unit
CRUD Create, Read, Update, Delete

CSS Cascading Style Sheets

DC Direct Current

DDL Data Definition Language
DDoS Distributed Denial of Service

DDR Double Data-Rate

DHCP Dynamic Host Configuration Protocol

DIMM Dual Inline Memory Module

DLL Dynamic Link Layer
DLP Data Leak Prevention

DML Data Manipulation Language

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DVI Digital Visual Interface
EMI Electromagnetic Interference

eSATA External Serial Advanced Technology Attachment

ESD Electrostatic Discharge

EULA End-User License Agreement

FAT File Allocation Table

FAT32 32-bit File Allocation Table
FTP File Transfer Protocol

FTPS File Transfer Protocol over Secure Sockets Layer

Gb Gigabit
GB Gigabyte

Gbps Gigabit per second

GHz Gigahertz

GPS Global Positioning System
GPU Graphics Processing Unit
GUI Graphical User Interface

HDD Hard Disk Drive

HDMI High-Definition Media Interface

HFS Hierarchical File System
HTML Hypertext Markup Language
HTTP Hypertext Transfer Protocol

HTTPS Hypertext Transfer Protocol Secure ICMP Internet Control Message Protocol

IDS Intrusion Detection System
IMAP Internet Mail Access Protocol

IOPS Input/Output Operations Per Second

IOT Internet of Things
IP Internet Protocol

IPS Intrusion Prevention System

IR Infrared

ISP Internet Service Provider

Kb Kilobit

KB Kilobyte or Knowledge Base

Kbps Kilobit per second
LAN Local Area Network
MAC Media Access Control

Mb Megabit MB Megabyte

Mbps Megabit per second

MHz Megahertz

MITM Man in the Middle

MP3 Moving Picture Experts Group Layer 3 Audio

MP4 Moving Picture Experts Group Layer 4

NAS Network Attached Storage
NDA Non-Disclosure Agreement
NFC Near Field Communications
NIC Network Interface Card
NTFS New Technology File System
OEM Original Equipment Manufacturer

OS Operating System

PB Petabyte

PC Personal Computer

PCI Peripheral Component Interconnect

PCIe Peripheral Component Interconnect Express

PII Personally Identifiable Information
PIN Personal Identification Number

POP Post Office Protocol
POP3 Post Office Protocol 3
PSU Power Supply Unit

PXE Preboot Execution Environment

RAID Redundant Array of Independent Disks

RAM Random Access Memory

RF Radio Frequency
RJ Registered Jack

RJ-11 Registered Jack Function 11 RJ-45 Registered Jack Function 45

ROM Read-Only Memory
SaaS Software as a Service

SATA Serial Advanced Technology Attachment

SD Card Secure Digital Card

SFTP Secure File Transfer Protocol

SID System Identifier
SMB Server Message Block

SMTP Simple Mail Transfer Protocol

SNMP Simple Network Management Protocol

SOHO Small Office, Home Office SQL Structured Query Language

SSD Solid State Drive
SSID Service Set Identifier
SSO Secure Sign-On

SSL Secure Sockets Layer

Tb Terabit
TB Terabyte

Tbps Terabits per second

TCP Transmission Control Protocol

TCP/IP Transmission Control Protocol/Internet Protocol

TKIP Temporal Key Integrity Protocol

TLS Thread Local Storage

UPS Uninterruptable Power Supply URL Uniform Resource Locator

USB Universal Serial Bus

VGA Video Graphics Array or Video Graphics Adapter

VoIP Voice over Internet Protocol
VPN Virtual Private Network
WAN Wide Area Network
WAP Wireless Access Point
WEP Wired Equivalency Privacy

WIFI Wireless Fidelity

WLAN Wireless Local Area Network
WPA Wireless Protected Access
WPA2 Wireless Protected Access 2

ACRONYM SPELLED OUT

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BSOD Blue Screen of Death
BYOD Bring Your Own Device
CAD Computer-Aided Design

CAPTCHA Completely Automated Public Turing test to tell Computers and Humans Apart

CD Compact Disc

CD-ROM Compact Disc-Read-Only Memory

CD-RW Compact Disc-Rewritable CDFS Compact Disc File System

CERT Computer Emergency Response Team

CFS Central File System, Common File System, or Command File System

CGA Computer Graphics and Applications
CIDR Classless Inter-Domain Routing
CIFS Common Internet File System

CMOS Complementary Metal-Oxide Semiconductor
CNR Communications and Networking Riser
COMx Communication port (x=port number)

CPU Central Processing Unit
CRT Cathode-Ray Tube
DaaS Data as a Service

DAC Discretionary Access Control

DB-25 Serial Communications D-Shell Connector, 25 pins
DB-9 Serial Communications D-Shell Connector, 9 pins

DBaaS Database as a Service

DC Direct Current

DDoS Distributed Denial of Service

DDR Double Data Rate

DDR RAM Double Data Rate Random Access Memory

DFS Distributed File System

DHCP Dynamic Host Configuration Protocol

DIMM Dual Inline Memory Module
DIN Deutsche Industrie Norm

DLT Digital Linear Tape

DLP Digital Light Processing or Data Loss Prevention

DMA Direct Memory Access
DMZ Demilitarized Zone

DNS Domain Name Service or Domain Name Server

DoS Denial of Service

DRAM Dynamic Random Access Memory

DRM Digital Rights Management
DSL Digital Subscriber Line
DVD Digital Versatile Disc

DVD-RAM Digital Versatile Disc-Random Access Memory

DVD-ROM Digital Versatile Disc-Read Only Memory

DVD-R Digital Versatile Disc-Recordable DVD-RW Digital Versatile Disc-Rewritable

DVI Digital Visual Interface

DVI-D Digital Visual Interface--Digital

ECC Error Correcting Code
ECP Extended Capabilities Port

EEPROM Electrically Erasable Programmable Read-Only Memory

EFS Encrypting File System

EIDE Enhanced Integrated Drive Electronics

EMI Electromagnetic Interference

EMP Electromagnetic Pulse

EPROM Erasable Programmable Read-Only Memory

EPP Enhanced Parallel Port ERD Emergency Repair Disk

eSATA External Serial Advanced Technology Attachment

ESD Electrostatic Discharge

EULA End User License Agreement

EVGA Extended Video Graphics Adapter/Array

Ext2 Second Extended File System exFAT Extended File Allocation Table

FAT File Allocation Table

FAT12 12-bit File Allocation Table
 FAT16 16-bit File Allocation Table
 FAT32 32-bit File Allocation Table

FDD Floppy Disk Drive FPM Fast Page Mode FSB Front-Side Bus

FTP File Transfer Protocol

FQDN Fully Qualified Domain Name **GDDR Graphics Double Data Rate** GDI **Graphics Device Interface** GUI **Graphical User Interface GUID** Globally Unique Identifier **GPS Global Positioning System GPT GUID Partition Table GPU Graphics Processing Unit**

GSM Global System for Mobile Communications

HAL Hardware Abstraction Layer
HAV Hardware Assisted Virtualization
HCL Hardware Compatibility List

HDCP High-Bandwidth Digital Content Protection

HDD Hard Disk Drive

HDMI High Definition Media Interface
 HIPS Host Intrusion Prevention System
 HPFS High Performance File System
 HTML Hypertext Markup Language

HTPC Home Theater PC

HTTP Hypertext Transfer Protocol

HTTPS Hypertext Transfer Protocol Secure

I/O Input/Output

laaS Infrastructure as a Service

ICMP Internet Control Message ProtocolICR Intelligent Character RecognitionIDE Integrated Drive ElectronicsIDS Intrusion Detection System

IEEE Institute of Electrical and Electronics Engineers

IIS Internet Information Services
IMAP Internet Mail Access Protocol

IMEI International Mobile Equipment Identity
IMSI International Mobile Subscriber Identity

IP Internet Protocol

IPConfig Internet Protocol Configuration

IPP Internet Printing ProtocolIPS Intrusion Prevention SystemIPSec Internet Protocol Security

IR Infrared

IrDA Infrared Data Association
IRP Incident Response Plan
IRQ Interrupt Request

ISA Industry Standard Architecture
ISDN Integrated Services Digital Network

ISO International Organization for Standardization

ISP Internet Service Provider

JBOD Just a Bunch of Disks

KB Knowledge Base

KVM Kernel-based Virtual Machine

KVM Keyboard-Video-Mouse
LAN Local Area Network
LBA Logical Block Addressing

LC Lucent Connector
LCD Liquid Crystal Display

LDAP Lightweight Directory Access Protocol

LED Light Emitting Diode

LPD/LPR Line Printer Daemon/Line Printer Remote

LPT Line Printer Terminal
LVD Low Voltage Differential

MAC Media Access Control/Mandatory Access Control

MAN Metropolitan Area Network

MAPI Messaging Application Programming Interface

mATX Micro Advanced Technology Extended

MAU Media Access Unit/Media Attachment Unit

MBR Master Boot Record

MBSA Microsoft Baseline Security Analyzer

MDM Mobile Device Management
MFA Multifactor Authentication
MFD Multifunction Device

MFP Multifunction Product

MicroDIMI Micro Dual Inline Memory Module

MIDI Musical Instrument Digital Interface

MIME Multipurpose Internet Mail Extension

MIMO Multiple Input Multiple Output MMC Microsoft Management Console

MP3 Moving Picture Experts Group Layer 3 Audio

MP4 Moving Picture Experts Group Layer 4

MPEG Moving Picture Experts Group

MSConfig Microsoft Configuration
MSDS Material Safety Data Sheet

MT-RJ Mechanical Transfer Registered Jack

MUI Multilingual User Interface

NaaSNetwork as a ServiceNACNetwork Access ControlNASNetwork-Attached StorageNATNetwork Address Translation

NetBIOS Networked Basic Input/Output System

NetBEUI Networked Basic Input/Output System Extended User Interface

NFC Near Field Communication

NFS Network File System
NIC Network Interface Card

NiCd Nickel Cadmium

NiMH Nickel Metal Hydride

NLX New Low-profile Extended

NNTP Network News Transfer Protocol

NTFS New Technology File System
NTLDR New Technology Loader
NTP Network Time Protocol

NTSC National Transmission Standards Committee

NVMe Non-volatile Memory ExpressOCR Optical Character RecognitionOEM Original Equipment ManufacturerOLED Organic Light Emitting Diode

OS Operating System
PaaS Platform as a Service
PAL Phase Alternating Line
PAN Personal Area Network
PAT Port Address Translation

PCI Peripheral Component Interconnect

Personal Computer

PCI Payment Card Industry

PC

PCIe Peripheral Component Interconnect Express
PCIX Peripheral Component Interconnect Extended

PCL Printer Command Language

PCMCIA Personal Computer Memory Card International Association

PE Preinstallation Environment

PGA Pin Grid Array PGA2 Pin Grid Array 2

PGP Pretty Good Protection

PII Personally Identifiable Information
PIN Personal Identification Number
PHI Personal Health Information
PKI Public Key Infrastructure

PnP Plug and Play

PoE Power over Ethernet POP3 Post Office Protocol 3

PoS Point of Sale

POST Power-On Self-Test

POTS Plain Old Telephone Service

PPM Pages Per Minute
PPP Point-to-Point Protocol

PPTP Point-to-Point Tunneling Protocol

PRI Primary Rate Interface

PROM Programmable Read-Only Memory

PS/2 Personal System/2 connector

PSTN Public Switched Telephone Network

PSU Power Supply Unit

PVA Patterned Vertical Alignment PVC Permanent Virtual Circuit

PXE Preboot Execution Environment

QoS Quality of Service

RADIUS Remote Authentication Dial-In User Server

RAID Redundant Array of Independent (or Inexpensive) Disks

RAM Random Access Memory
RAS Remote Access Service
RDP Remote Desktop Protocol

RF Radio Frequency

RFI Radio Frequency Interference RFID Radio Frequency Identification

RGB Red Green Blue

RIP Routing Information Protocol
RIS Remote Installation Service

RISC Reduced Instruction Set Computer

RJ-11 Registered Jack Function 11 RJ-45 Registered Jack Function 45

RMA Returned Materials Authorization

ROM Read-Only Memory
RPO Recovery Point Objective

RTC Real-Time Clock

RT Recovery Time Objective
Saas Software as a Service
SAN Storage Area Network
SAS Serial Attached SCSI

SATA Serial Advanced Technology Attachment

SC Subscription Channel
SCP Secure Copy Protection

SCSI Small Computer System Interface

SCSI ID Small Computer System Interface Identifier

SD card Secure Digital Card
SEC Single Edge Connector
SFC System File Checker
SFF Small Form Factor

SFTP Secure File Transfer Protocol
SIM Subscriber Identity Module
SIMM Single In-Line Memory Module

SLI Scalable Link Interface or System Level Integration or Scanline Interleave Mode

S.M.A.R.T. Self-Monitoring, Analysis, and Reporting Technology

SMB Server Message Block

SMTP Simple Mail Transfer Protocol

SNMP Simple Network Management Protocol
SoDIMM Small Outline Dual Inline Memory Module

SOHO Small Office/Home Office

SP Service Pack

SPDIF Sony-Philips Digital Interface Format

SPGA Staggered Pin Grid Array

SRAM Static Random Access Memory

SSD Solid State Drive SSH Secure Shell

SSID Service Set Identifier

SSL Secure Sockets Layer

SSO Single Sign-on ST Straight Tip

STP Shielded Twisted Pair

SXGA Super Extended Graphics Array

TACACS Terminal Access Controller Access-Control System

TCP Transmission Control Protocol

TCP/IP Transmission Control Protocol/Internet Protocol

TDR Time Domain Reflectometer
TFTP Trivial File Transfer Protocol
TKIP Temporal Key Integrity Protocol

TLS Transport Layer Security

TN Twisted Nematic

TPM Trusted Platform Module
UAC User Account Control

UDF User Defined Functions or Universal Disk Format or Universal Data Format

UDP User Datagram Protocol

UEFI Unified Extensible Firmware Interface

UNC Universal Naming Convention

UPnP Universal Plug and Play

UPS Uninterruptible Power Supply URL Uniform Resource Locator

USB Universal Serial Bus

USMT User State Migration Tool
UTM Unified Threat Management
UTP Unshielded Twisted Pair

UXGA Ultra Extended Graphics Array

VA Vertical Alignment

VDC Volts DC

VDI Virtual Desktop Infrastructure

VESA Video Electronics Standards Association

VFAT Virtual File Allocation Table
VGA Video Graphics Array

VLAN Virtual LAN

VM Virtual Machine

VNC Virtual Network Computer
VoIP Voice over Internet Protocol
VPN Virtual Private Network

VRAM Video Random Access Memory

WAN Wide Area Network

WAP Wireless Access Protocol/Wireless Access Point

WEP Wired Equivalent Privacy

WIFI Wireless Fidelity

WINS Windows Internet Name Service
WLAN Wireless Local Area Network
WMN Wireless Mesh Network
WPA Wireless Protected Access

WPA2 WiFi Protected Access 2
WPS WiFi Protected Setup

WUXGA Wide Ultra Extended Graphics Array

WWAN Wireless Wide Area NetworkXGA Extended Graphics ArrayZIF Zero-Insertion-ForceZIP Zigzag Inline Package

ACRONYM SPELLED OUT

AAA Authentication Authorization and Accounting

AAAA Authentication, Authorization, Accounting and Auditing

ACL Access Control List

ADSL Asymmetric Digital Subscriber Line
AES Advanced Encryption Standard

AH Authentication Header

AP Access Point

APC Angle Polished Connector

APIPA Automatic Private Internet Protocol Addressing

APT Advanced Persistent Threat

ARIN American Registry for Internet Numbers

ARP Address Resolution Protocol

AS Autonomous System

ASCII American Standard Code for Information Interchange

ASIC Application Specific Integrated Circuit

ASP Application Service Provider
ATM Asynchronous Transfer Mode

AUP Acceptable Use Policy

Auto MDI-: Automatic Medium-Dependent Interface Crossover

BCP Business Continuity Plan

BERT Bit-Error Rate Test

BGP Border Gateway Protocol
BLE Bluetooth Low Energy

BNC British Naval Connector/Bayonet Niell-Concelman

BootP Boot Protocol/Bootstrap Protocol

BPDU Bridge Protocol Data Unit

BRI Basic Rate Interface

BSSID Basic Service Set Identifier
BYOD Bring Your Own Device
CaaS Communication as a Service
CAM Content Addressable Memory

CAN Campus Area Network

CARP Common Address Redundancy Protocol

CASB Cloud Access Security Broker

CAT Category

CCMP Counter-mode Cipher Block Chaining Message Authentication Cc

CCTV Closed Circuit TV

CDMA Code Division Multiple Access

CSMA/CD Carrier Sense Multiple Access/Collision Detection
CHAP Challenge Handshake Authentication Protocol

CIDR Classless Inter-Domain Routing
CIFS Common Internet File System

CNAME Canonical Name
CoS Class of Service

CPU Central Processing Unit

CRAM-MD Challenge-Response Authentication Mechanism-Message Digest

CRC Cyclic Redundancy Checking

CSMA/CA Carrier Sense Multiple Access/Collision Avoidance

CSU Channel Service Unit

CVE Common Vulnerabilities and Exposures

CVW Collaborative Virtual Workspace
CWDM Coarse Wave Division Multiplexing

Daas Desktop as a Service

dB Decibel

DCS Distributed Computer System
DDoS Distributed Denial of Service

DHCP Dynamic Host Configuration Protocol

DLC Data Link Control
DLP Data Loss Prevention
DLR Device Level Ring

DMVPN Dynamic Multipoint Virtual Private Network

DMZ Demilitarized Zone

DNAT Destination Network Address Translation

DNS Domain Name Service/Domain Name Server/Domain Name Syst

DOCSIS Data-Over-Cable Service Interface Specification

DoS Denial of Service

DPI Deep Packet Inspection
DR Designated Router

DSCP Differentiated Services Code Point

DSL Digital Subscriber Line

DSSS Direct Sequence Spread Spectrum

DSU Data Service Unit

DTLS Datagram Transport Layer Security

DWDM Dense Wavelength Division Multiplexing

E1 E-Carrier Level 1

EAP Extensible Authentication Protocol

EBCDIC Extended Binary Coded Decimal Interchange Code

EDNS Extension Mechanisms for DNS EGP Exterior Gateway Protocol EMI Electromagnetic Interference

ESD Electrostatic Discharge

ESP Encapsulated Security Payload ESSID Extended Service Set Identifier EUI Extended Unique Identifier

FC Fibre Channel

FCOE Fibre Channel over Ethernet FCS Frame Check Sequence

FDM Frequency Division Multiplexing
FHSS Frequency Hopping Spread Spectrum

FM Frequency Modulation

FQDN Fully Qualified Domain Name

FTP File Transfer Protocol

FTPS File Transfer Protocol Security

GBIC Gigabit Interface Converter

Gbps Gigabits per second

GLBP Gateway Load Balancing Protocol

GPG GNU Privacy Guard

GRE Generic Routing Encapsulation

GSM Global System for Mobile Communications

HA High Availability

HDLC High-Level Data Link Control

HDMI High-Definition Multimedia Interface
HIDS Host Intrusion Detection System
HIPS Host Intrusion Prevention System

HSPA High-Speed Packet Access
HSRP Hot Standby Router Protocol

HT High Throughput

HTTP Hypertext Transfer Protocol

HTTPS Hypertext Transfer Protocol Secure
HVAC Heating, Ventilation and Air Conditioning

Hz Hertz

laaS Infrastructure as a Service

IANA Internet Assigned Numbers Authority
ICA Independent Computer Architecture

ICANN Internet Corporation for Assigned Names and Numbers

ICMP Internet Control Message Protocol

ICS Internet Connection Sharing/Industrial Control System

IDF Intermediate Distribution Frame IDS Intrusion Detection System

IEEE Institute of Electrical and Electronics Engineers

IGMP Internet Group Message Protocol

IGP Interior Gateway Protocol

IGRP Interior Gateway Routing Protocol

IKE Internet Key Exchange

IMAP4 Internet Message Access Protocol version 4

InterNIC Internet Network Information Center

IOT Internet of Things
IP Internet Protocol

IPAM IP Address Management
IPS Intrusion Prevention System
IPSec Internet Protocol Security
IPv4 Internet Protocol version 4
IPv6 Internet Protocol version 6

ISAKMP Internet Security Association and Key Management Protocol

ISDN Integrated Services Digital Network

IS-IS Intermediate System to Intermediate System

ISP Internet Service Provider IT Information Technology

ITS Intelligent Transportation System

IV Initialization Vector

Kbps Kilobits per second
KVM Keyboard Video Mouse
L2TP Layer 2 Tunneling Protocol

LACP Link Aggregation Control Protocol

LAN Local Area Network
LC Local Connector

LDAP Lightweight Directory Access Protocol

LEC Local Exchange Carrier
LED Light Emitting Diode
LLC Logical Link Control

LLDP Link Layer Discovery Protocol
LSA Link State Advertisements
LTE Long Term Evolution

LWAPP Light Weight Access Point Protocol

MaaS Mobility as a Service

MAC Media Access Control/Medium Access Control

MAN Metropolitan Area Network

Mbps Megabits per secondMBps Megabytes per secondMDF Main Distribution FrameMDI Media Dependent Interface

MDIX Media Dependent Interface Crossover

MFA Multifactor Authentication

MGCP Media Gateway Control Protocol
MIB Management Information Base
MIMO Multiple Input, Multiple Output

MLA Master License Agreement/Multilateral Agreement

MMF Multimode Fiber

MOA Memorandum of Agreement
MOU Memorandum of Understanding
MPLS Multiprotocol Label Switching

MS-CHAP Microsoft Challenge Handshake Authentication Protocol

MSA Master Service Agreement MSDS Material Safety Data Sheet

MT-RJ Mechanical Transfer-Registered Jack

MTU Maximum Transmission Unit
MTTR Mean Time To Recovery
MTBF Mean Time Between Failures

MU-MIMO Multiuser Multiple Input, Multiple Output

MX Mail Exchanger

NAC Network Access Control
NAS Network Attached Storage
NAT Network Address Translation
NCP Network Control Protocol
NDR Non-Delivery Receipt

NetBEUI Network Basic Input/Output Extended User Interface

NetBIOS Network Basic Input/Output System

NFC **Near Field Communication**

NFS **Network File Service NGFW Next-Generation Firewall** NIC **Network Interface Card**

NIDS Network Intrusion Detection System NIPS **Network Intrusion Prevention System**

NIU **Network Interface Unit**

nm Nanometer

NNTP Network News Transport Protocol

NTP **Network Time Protocol**

OCSP Online Certificate Status Protocol

OCx **Optical Carrier** OID **Object Identifier** OOB Out of Band

OS **Operating System**

OSI **Open Systems Interconnect OSPF** Open Shortest Path First

OTDR Optical Time Domain Reflectometer Organizationally Unique Identifier OUI

PaaS Platform as a Service PAN Personal Area Network

PAP **Password Authentication Protocol**

PAT Port Address Translation PC **Personal Computer** PCM **Phase-Change Memory PDoS** Permanent Denial of Service

PDU **Protocol Data Unit PGP Pretty Good Privacy** PKI Public Key Infrastructure Power over Ethernet PoE POP Post Office Protocol

POP3 Post Office Protocol version 3 **POTS** Plain Old Telephone Service

PPP Point-to-Point Protocol

PPPoE Point-to-Point Protocol over Ethernet **PPTP** Point-to-Point Tunneling Protocol

PRI **Primary Rate Interface**

PSK **Pre-Shared Key**

PSTN Public Switched Telephone Network

PTP Point-to-Point

PTR Pointer

PUA Privileged User Agreement **PVC** Permanent Virtual Circuit

QoS Quality of Service

Quad Small Form-Factor Pluggable **QSFP**

RADIUS Remote Authentication Dial-In User Service

Reverse Address Resolution Protocol **RARP**

RAS Remote Access Service RDP Remote Desktop Protocol

RF Radio Frequency

RFI Radio Frequency Interference

RFP Request for Proposal

RG Radio Guide

RIP Routing Internet Protocol

RJ Registered Jack

RPO Recovery Point Objective RSA Rivest, Shamir, Adelman

RSH Remote Shell

RSTP Rapid Spanning Tree Protocol RTO Recovery Time Objective

RTP Real-Time Protocol

RTSP Real-Time Streaming Protocol

RTT Round Trip Time or Real Transfer Time

SA Security Association
SaaS Software as a Service
SAN Storage Area Network

SC Standard Connector/Subscriber Connector SCADA Supervisory Control and Data Acquisition

SCP Secure Copy Protocol

SCSI Small Computer System Interface SDLC Software Development Life Cycle

SDN Software Defined Network
SDP Session Description Protocol

SDSL Symmetrical Digital Subscriber Line

SECaaS Security as a Service

SFP Small Form-factor Pluggable
SFTP Secure File Transfer Protocol
SGCP Simple Gateway Control Protocol

SHA Secure Hash Algorithm

SIEM Security Information and Event Management

SIP Session Initiation Protocol SLA Service Level Agreement

SLAAC Stateless Address Auto Configuration

SLIP Serial Line Internet Protocol

SMB Server Message Block
SMF Single-Mode Fiber
SMS Short Message Service

SMTP Simple Mail Transfer Protocol

SNAT Static Network Address Translation/Source Network Address Tra

SNMP Simple Network Management Protocol

SNR Signal-to-Noise Ratio

SNTP Simple Network Time Protocol

SOA Start of Authority

SOHO Small Office Home Office

SONET Synchronous Optical Network SOP **Standard Operating Procedure**

SOW Statement of Work SPB **Shortest Path Bridging** SPI **Stateful Packet Inspection** SPS **Standby Power Supply**

SSH Secure Shell

SSID Service Set Identifier SSL Secure Sockets Layer

SSO Single Sign-on

ST Straight Tip or Snap Twist

STP Spanning Tree Protocol/Shielded Twisted Pair

SVC Switched Virtual Circuit

SYSLOG System Log

Terrestrial Carrier Level 1 T1

TA **Terminal Adaptor**

TACACS Terminal Access Control Access Control System TACACS+ Terminal Access Control Access Control System+

TCP Transmission Control Protocol

TCP/IP Transmission Control Protocol/Internet Protocol

TDM Time Division Multiplexing TDR Time Domain Reflectometer Telco **Telecommunications Company TFTP** Trivial File Transfer Protocol

Telecommunication Industries Association/Electronic Industries TIA/EIA

TKIP Temporal Key Integrity Protocol

TLS **Transport Layer Security**

TMS Transportation Management System

TOS Type of Service

TPM Trusted Platform Module

TTL Time to Live

TTLS Tunneled Transport Layer Security

UC **Unified Communications** UDP **User Datagram Protocol** UNC **Universal Naming Convention UPC Ultra Polished Connector UPS** Uninterruptible Power Supply URL **Uniform Resource Locator** USB **Universal Serial Bus**

UTM Unified Threat Management UTP **Unshielded Twisted Pair VDSL** Variable Digital Subscriber Line **VLAN** Virtual Local Area Network **VLSM** Variable Length Subnet Mask VNC **Virtual Network Connection**

Voice over IP VoIP

VPN Virtual Private Network VRF Virtual Routing Forwarding

VRRP Virtual Router Redundancy Protocol

VTC Video Teleconference
VTP VLAN Trunk Protocol
WAF Web Application Firewall
WAN Wide Area Network

WAP Wireless Application Protocol/Wireless Access Point

WEP Wired Equivalent Privacy
WLAN Wireless Local Area Network
WMS Warehouse Management System

WPA WiFi Protected Access
WPS WiFi Protected Setup
WWN World Wide Name

XDSL Extended Digital Subscriber Line
XML eXtensible Markup Language

Zeroconf Zero Configuration

ACRONYM DEFINITION

ACRONYM DEFINITION

3DES Triple Digital Encryption Algorithm

AAA Authentication, Authorization, and Accounting

ABAC Attribute-based Access Control

ACL Access Control List
AD Active Directory

AES Advanced Encryption Standard

AES256 Advanced Encryption Standards 256bit

AH Authentication Header
Al Artificial Intelligence

AIS Automated Indicator Sharing
ALE Annualized Loss Expectancy

AP Access Point

API Application Programming Interface

APT Advanced Persistent Threat
ARO Annualized Rate of Occurrence
ARP Address Resolution Protocol

ASLR Address Space Layout Randomization

ASP Active Server Pages

ATT&CK Adversarial Tactics, Techniques, and Common Knowledge

AUP Acceptable Use Policy

AV Antivirus

BASH Bourne Again Shell

BCP Business Continuity Planning
BGP Border Gateway Protocol
BIA Business Impact Analysis
BIOS Basic Input/Output System

BPA Business Partnership Agreement

BPDU Bridge Protocol Data Unit
BSSID Basic Service Set Identifier
BYOD Bring Your Own Device
CA Certificate Authority
CAC Common Access Card

CAPTCHA Completely Automated Public Turing Test to Tell Computers and Humans Apart

CAR Corrective Action Report
CASB Cloud Access Security Broker

CBC Cipher Block Chaining
CBT Computer-based Training

CCMP Counter-Mode/CBC-MAC Protocol

CCTV Closed-Circuit Television

CERT Computer Emergency Response Team

CFB Cipher Feedback

CHAP Challenge-Handshake Authentication Protocol

CIO Chief Information Officer

CIRT Computer Incident Response Team

CIS Center for Internet Security
CMS Content Management System

CN Common Name

COOP Continuity of Operations Planning
COPE Corporate-owned Personally Enabled

CP Contingency Planning
CRC Cyclic Redundancy Check
CRL Certificate Revocation List
CSA Cloud Security Alliance

CSIRT Computer Security Incident Response Team

CSO Chief Security Officer
CSP Cloud Service Provider
CSR Certificate Signing Request
CSRF Cross-Site Request Forgery

CSU Channel Service Unit

CTM Counter-Mode

CTO Chief Technology Officer

CVE Common Vulnerabilities and Exposures
CVSS Common Vulnerability Scoring System

CYOD Choose Your Own Device

DAC Discretionary Access Control

DBA Database Administrator

DDOS Distributed Denial-of-Service

DEP Data Execution Prevention

DER Distinguished Encoding Rules

DES Data Encryption Standard

DHCP Dynamic Host Configuration Protocol

DHE Diffie-Hellman Ephemeral
DKIM Domain Keys Identified Mail

DLL Dynamic Link Library
DLP Data Loss Prevention

DMARC Domain Message Authentication Reporting and Conformance

DMZ Demilitarized Zone

DNAT Destination Network Address Transaction

DNS Domain Name System

DNSSEC Domain Name System Security Extensions

DoS Denial-of-Service
DPO Data Protection Officer
DRP Disaster Recovery Plan
DSA Digital Signature Algorithm
DSL Digital Subscriber Line

EAP Extensible Authentication Protocol

ECB Electronic Code Book
ECC Elliptic-curve Cryptography

ECDHE Elliptic-curve Diffie-Hellman Ephemeral ECDSA Elliptic-curve Digital Signature Algorithm

EDR Endpoint Detection and Response

EFS Encrypted File System

EIP Extended Instruction Pointer

EOL End of Life
EOS End of Service

ERP Enterprise Resource Planning
ESN Electronic Serial Number

ESP Encapsulating Security Payload ESSID Extended Service Set Identifier FACL File System Access Control List

FDE Full Disk Encryption
FIM File Integrity Monitoring

FPGA Field Programmable Gate Array

FRR False Rejection Rate
FTP File Transfer Protocol

FTPS Secured File Transfer Protocol

GCM Galois/Counter Mode

GDPR General Data Protection Regulation

GPG
 GNU Privacy Guard
 GPO
 Group Policy Object
 GPS
 Global Positioning System
 GPU
 Graphics Processing Unit
 GRE
 Generic Routing Encapsulation

HA High Availability
HDD Hard Disk Drive

HIDS Host-based Intrusion Detection System
HIPS Host-based Intrusion Prevention System
HMAC Hash-based Message Authentication Code

HOTP HMAC-based One-time Password

HSM Hardware Security Module

HSMaaS Hardware Security Module as a Service

HTML Hypertext Markup Language
HTTP Hypertext Transfer Protocol

HTTPS Hypertext Transfer Protocol Secure
HVAC Heating, Ventilation, Air Conditioning

laaS Infrastructure as a Service

IAM Identity and Access Management ICMP Internet Control Message Protocol

ICS Industrial Control Systems

IDEA International Data Encryption Algorithm

IDF Intermediate Distribution Frame

IdP Identity Provider

IDS Intrusion Detection System

IEEE Institute of Electrical and Electronics Engineers

IKE Internet Key Exchange
IM Instant Messaging

IMAP4 Internet Message Access Protocol v4

IoC Indicators of Compromise

IoT Internet of Things
IP Internet Protocol

IPS Intrusion Prevention System IPSec Internet Protocol Security

IR Incident ResponseIRC Internet Relay ChatIRP Incident Response Plan

ISA Interconnection Security Agreement

ISFW Internal Segmentation Firewall

ISO International Organization for Standardization

ISP Internet Service Provider

ISSO Information Systems Security Officer

ITCP IT Contingency Plan
IV Initialization Vector
KDC Key Distribution Center
KEK Key Encryption Key

L2TP Layer 2 Tunneling Protocol

LAN Local Area Network

LDAP Lightweight Directory Access Protocol

LEAP Lightweight Extensible Authentication Protocol

MaaS Monitoring as a Service
MAC Media Access Control

MAM Mobile Application Management

MAN Metropolitan Area Network

MBR Master Boot Record MD5 Message Digest 5

MDF Main Distribution Frame
MDM Mobile Device Management
MFA Multifactor Authentication

MFD Multifunction Device
MFP Multifunction Printer
MITM Man-in-the-Middle
ML Machine Learning

MMS Multimedia Message Service
 MOA Memorandum of Agreement
 MOU Memorandum of Understanding
 MPLS Multiprotocol Label Switching
 MSA Measurement Systems Analysis

MSCHAP Microsoft Challenge Handshake Authentication Protocol

MSP Managed Service Provider

MSSP Managed Security Service Provider

MTBF Mean Time Between Failures

MTTF Mean Time to Failure
MTTR Mean Time to Repair

MTU Maximum Transmission Unit
NAC Network Access Control
NAS Network-attached Storage
NAT Network Address Translation
NDA Non-disclosure Agreement

NFC Near-field Communication
NFV Network Function Virtualization

NGFW Next-generation Firewall

NG-SWG Next-generation Secure Web Gateway

NIC Network Interface Card

NIDS Network-based Intrusion Detection SystemNIPS Network-based Intrusion Prevention SystemNIST National Institute of Standards & Technology

NOC Network Operations Center

NTFS New Technology File System

NTLM New Technology LAN Manager

NTP Network Time Protocol OAUTH Open Authentication

OCSP Online Certificate Status Protocol

OID Object Identifier
OS Operating System

OSI Open Systems Interconnection
OSINT Open-source Intelligence
OSPF Open Shortest Path First

OT Operational Technology

OTA Over-The-Air
OTG On-The-Go

OVAL Open Vulnerability and Assessment Language

OWASP Open Web Application Security Project

P12 PKCS #12 P2P Peer-to-Peer

PaaS Platform as a Service
PAC Proxy Auto Configuration

PAM Privileged Access Management
PAM Pluggable Authentication Modules
PAP Password Authentication Protocol

PAT Port Address Translation

PBKDF2 Password-based Key Derivation Function 2

PBX Private Branch Exchange

PCAP Packet Capture

PCI DSS Payment Card Industry Data Security Standard

PDU Power Distribution Unit
PE Portable Executable

PEAP Protected Extensible Authentication Protocol

PED Portable Electronic Device
PEM Privacy Enhanced Mail
PFS Perfect Forward Secrecy
PGP Pretty Good Privacy

PHI Personal Health Information

PII Personally Identifiable Information
PIN Personal Identification Number
PIV Personal Identity Verification

PKCS Public Key Cryptography Standards

PKI Public Key Infrastructure

POC Proof of Concept
POP Post Office Protocol

POTS Plain Old Telephone Service
PPP Point-to-Point Protocol

PPTP Point-to-Point Tunneling Protocol

PSK Pre-shared Key
PTZ Pan-Tilt-Zoom

PUP Potentially Unwanted Program

QA Quality Assurance QoS Quality of Service

PUP Potentially Unwanted Program

RA Registration Authority

RAD Rapid Application Development

RADIUS Remote Authentication Dial-in User Service
RAID Redundant Array of Inexpensive Disks

RAM Random Access Memory
RAS Remote Access Server
RAT Remote Access Trojan
RC4 Rivest Cipher version 4

RCS Rich Communication Services

RFC Request for Comments
RFID Radio Frequency Identifier

RIPEMD RACE Integrity Primitives Evaluation Message Digest

ROI Return on Investment
RPO Recovery Point Objective
RSA Rivest, Shamir, & Adleman
RTBH Remotely Triggered Black Hole
RTO Recovery Time Objective
RTOS Real-time Operating System

RTP Real-time Transport Protocol

S/MIME Secure/Multipurpose Internet Mail Extensions

SaaS Software as a Service

SAE Simultaneous Authentication of Equals
SAML Security Assertions Markup Language
SCADA Supervisory Control and Data Acquisition
SCAP Security Content Automation Protocol
SCEP Simple Certificate Enrollment Protocol

SDK Software Development Kit

SDLC Software Development Life Cycle

SDLM Software Development Life-cycle Methodology

SDN Software-defined Networking SDP Service Delivery Platform SDV Software-defined Visibility SED Self-Encrypting Drives

SEH Structured Exception Handling

SFTP SSH File Transfer Protocol
SHA Secure Hashing Algorithm

S-HTTP Secure Hypertext Transfer Protocol

SIEM Security Information and Event Management

SIM Subscriber Identity Module
SIP Session Initiation Protocol
SLA Service-level Agreement
SLE Single Loss Expectancy
SMB Server Message Block

S/MIME Secure/Multipurpose Internet Mail Extensions

SMS Short Message Service

SMTP Simple Mail Transfer Protocol

SMTPS Simple Mail Transfer Protocol Secure SNMP Simple Network Management Protocol

SOAP Simple Object Access Protocol

SOAR Security Orchestration, Automation, Response

SoC System on Chip

SOC Security Operations Center
SPF Sender Policy Framework
SPIM Spam over Internet Messaging
SQL Structured Query Language

SQLi SQL Injection

SRTP Secure Real-time Transport Protocol

SSD Solid State Drive SSH Secure Shell

SSID Service Set Identifier SSL Secure Sockets Layer

SSO Single Sign-on

STIX Structured Threat Information eXpression

STP Shielded Twisted Pair SWG Secure Web Gateway

TACACS+ Terminal Access Controller Access Control System

TAXII Trusted Automated eXchange of Indicator Information

TCP/IP Transmission Control Protocol/Internet Protocol

TGT Ticket Granting Ticket

TKIP Temporal Key Integrity Protocol

TLS Transport Layer Security

TOTP Time-based One Time Password

TPM Trusted Platform Module
TSIG Transaction Signature

TTP Tactics, Techniques, and Procedures

UAT User Acceptance Testing
UAV Unmanned Aerial Vehicle
UDP User Datagram Protocol

UEBA User and Entity Behavior Analytics
UEFI Unified Extensible Firmware Interface

UEM Unified Endpoint Management

UPS Uninterruptable Power Supply
URI Uniform Resource Identifier
URL Universal Resource Locator

USB Universal Serial Bus
USB OTG USB On-The-Go

UTM Unified Threat Management UTP Unshielded Twisted Pair

VBA Visual Basic

VDE Virtual Desktop Environment
VDI Virtual Desktop Infrastructure
VLAN Virtual Local Area Network
VLSM Variable length Subnet Maskin

VLSM Variable-length Subnet Masking

VM Virtual Machine VoIP Voice over IP

VPC Virtual Private Cloud
VPN Virtual Private Network
VTC Video Teleconferencing
WAF Web Application Firewall
WAP Wireless Access Point
WEP Wired Equivalent Privacy

WIDS Wireless Intrusion Detection System
WIPS Wireless Intrusion Prevention System

WORM Write Once Read Many WPA WiFi Protected Access WPS WiFi Protected Setup

WTLS Wireless TLS

XaaS Anything as a Service

XML Extensible Markup Language

XOR Exclusive Or

XSRF Cross-site Request Forgery

XSS Cross-site Scripting