

# Appendix A - Glossary

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- [After Action Review \(AAR\)](#)
- [Aggregation Layer](#)
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- [American National Standards Institute \(ANSI\)](#)
- [American Standard for Information Interchange \(ASCII\)](#)
- [Analysability](#)
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- [Big-Endian](#)
- [Bill of Lading \(BL or BoL\)](#)
- [Biometrics](#)

- [Bitcoin Wallet](#)
- [Bit Error](#)
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- [Bluetooth](#)
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- [Brownfield](#)
- [Bylaws](#)
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- [Byzantine Generals Problem](#)
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- [Cable Subscriber Protection](#)
- [California Consumer Privacy Act \(CCPA\)](#)
- [Capability Maturity Model Integration \(CMMI\)](#)
- [Category 5 \(Cat-5\)](#)
- [Category 6 \(Cat-6\)](#)
- [Category 7 \(Cat-7\)](#)
- [Category 8 \(Cat-8\)](#)
- [Central Processing Unit \(CPU\)](#)
- [Charter](#)
- [Children's Online Privacy Protection Act \(COPPA\)](#)
- [Claim](#)
- [Class](#)
- [Client](#)
- [Client-Server](#)
- [Cloud Elasticity](#)
- [Coins](#)
- [Comma Separated Values \(CSV\)](#)
- [Command Line Interface \(CLI\)](#)
- [Command Shell](#)
- [Commercial Off-The-Shelf \(COTS\)](#)
- [Common Intermediate Language \(CIL\)](#)
- [Common Language Runtime \(CLR\)](#)
- [Common Object Request Broker Architecture \(CORBA\)](#)
- [Communication Protocol](#)
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- [Community of Interest \(CoI\)](#)
- [Compiler](#)
- [Complex Instruction Set Computer \(CISC\)](#)
- [Computer Architecture](#)
- [Computing Platform](#)
- [Conceptual Schema](#)
- [Condition](#)
- [Confidentiality](#)

- Confidentiality Agreement
- Configuration Management (CM)
- Conformance Specification
- Consensus Algorithm
- Container
- Container Engine
- Container Host
- Container OS
- Control Level
- Copyleft
- Copyright
- Cryptocurrency
- CyberSecurity Culture (CSC)
- Glossary D Terms
- Daemon
- Data-Centric
- Data-Centric Publish-Subscribe (DCPS)
- Data as a Service (DaaS)
- Data-at-Rest
- Database Driver
- DataBase Management System (DBMS)
- Data Definition Language (DDL)
- Data Distribution Service (DDS)
- Data-in-Motion
- Data Integrity
- Data-in-Use
- Data Link Layer (DLL)
- Data Logging
- Data Manipulation Language (DML)
- Data Model (DM)
- Data Object (DO)
- Data Protection
- Data Protection Act 2018
- Data Quality
- Data Reader
- Data Security
- Datastore
- Data Structure
- Data Writer
- DDS Domain
- Decentralized Finance (DeFi)
- de facto Standard
- Delegated Byzantine Fault Tolerant (dBFT)
- Delegated Proof of Stake (DPoS)
- Department of Defense (DoD)
- Dependent Event
- DevOps
- DIDO Domain Community

- [DIDO Ecosphere Community](#)
- [DIDO Ecosystem Community](#)
- [DIDO Platform](#)
- [Digital Rights](#)
- [Digital Rights Management \(DRM\)](#)
- [Directed Acyclic Graph \(DAG\)](#)
- [Disconnected, Intermittent and Limited \(DIL\)](#)
- [Discovery](#)
- [Disk Image](#)
- [Distributed Application \(DApp or DApp\)](#)
- [Distributed Denial-of-Service \(DDoS\)](#)
- [Distributed Immutable Data Objects \(DIDO\)](#)
- [Distributed Ledger Technology \(DLT\)](#)
- [Distributed System](#)
- [Docker](#)
- [Domain Integrity](#)
- [Domain Knowledge](#)
- [Domain Name System \(DNS\)](#)
- [Domain Participant](#)
- [Download Speed](#)
- [Downtime](#)
- [Driver's Privacy Protection Act of 1994 \(DPPA\)](#)
- [Duck Typing](#)
- [Durability](#)
- [Dynamic Host Configuration Protocol \(DHCP\)](#)
- [Dynamic Link Library \(.dll\)](#)
- [Glossary E Terms](#)
- [Economies of Scale](#)
- [Elastic Compute Cloud \(EC2\)](#)
- [Encryption](#)
- [End-of-life \(EoL\)](#)
- [End-to-End Solution \(E2ES\)](#)
- [End-to-End Testing \(E2E Testing\)](#)
- [Endianness](#)
- [Endpoint](#)
- [Enterprise Resource Planning \(ERP\)](#)
- [Entity](#)
- [Entity Integrity](#)
- [Environment Variables](#)
- [Ethereum Improvement Proposal \(EIP\)](#)
- [Ethereum Request for Comment \(ERC\)](#)
- [Ethernet](#)
- [Evidence](#)
- [Executable File](#)
- [Glossary F Terms](#)
- [Failover](#)
- [Fault Tolerance](#)
- [Federal Deposit Insurance Corporation \(FDIC\)](#)

- Field Level
- Fifty-One Percent (51% Attack)
- FIGI Symbology
- Figure of Merit (FoM)
- File Transfer Protocol (FTP)
- Financial Instrument Global Identifier (FIGI)
- Firewall
- Five Nines
- Flowchart
- Full-Disk Encryption (FDE)
- Full Node
- Functional Language
- Functional Programming
- Functional Requirements
- Fungible
- Glossary G Terms
- Gateway
- General-Purpose Graphics Processing Unit (GPGPU)
- General Data Protection Regulation (GDPR)
- Goal
- Google Mobile Services (GMS)
- Government Off-The-Shelf (GOTS)
- Graphical User Interface (GUI)
- Graphics Processing Unit (GPU)
- Greenfield
- Glossary H Terms
- Hard Fork
- Hardware Firewall
- Health Insurance Portability and Accountability Act (HIPAA)
- History QoS
- Horizontal Scaling
- Hub
- Human-machine interface (HMI)
- Hybrid Network
- Hype-Cycle
- Hypertext Transfer Protocol (HTTP)
- Hypertext transfer protocol (HTTP) Request
- Hypertext transfer protocol (HTTP) Response
- Hypertext Transport Protocol Secure (HTTPS)
- Hypervisor
- Glossary I Terms
- Identification
- Identifier (ID)
- Immutable
- Independent Event
- Industrial Internet of Things (IIoT)
- Information Assurance (IA)
- Information Security (IS/InfoSec)

- [Information Technology \(IT\)](#)
- [Infrared Wireless Networking](#)
- [Infrastructure-as-a-Service \(IaaS\)](#)
- [Initial Coin Offering \(ICO\)](#)
- [Installability](#)
- [Instance](#)
- [Institute of Electrical and Electronics Engineers \(IEEE\)](#)
- [Integration Testing](#)
- [Intellectual Property \(IP\)](#)
- [Interface](#)
- [Interface Testing](#)
- [International Organization for Standardization \(ISO\)](#)
- [Internet](#)
- [Internet of Things \(IOT\)](#)
- [Internet Protocol \(IP\)](#)
- [Internet Protocol Address \(IP Address\)](#)
- [Internet Service Provider \(ISP\)](#)
- [Interoperability](#)
- [Interoperability Testing](#)
- [ISO 9001](#)
- [ISO 15288](#)
- [ISO 90003-2018](#)
- [Glossary J Terms](#)
- [Java Database Connectivity\(JDBC\)](#)
- [JavaScript](#)
- [JavaScript Object Notation \(JSON\)](#)
- [Jitter](#)
- [Just-In-Time \(JIT\)](#)
- [Glossary K Terms](#)
- [Key](#)
- [Know Your Customer \(KYC\)](#)
- [Glossary L Terms](#)
- [Latency](#)
- [Learnability](#)
- [Ledger](#)
- [License Distribution](#)
- [License Linking](#)
- [License Modification](#)
- [License Patent Grant](#)
- [License Private Use](#)
- [Licensing Sublicensing](#)
- [Licensing Trademark Grant](#)
- [Lightning Network](#)
- [Light Node](#)
- [Listener](#)
- [Little-Endian](#)
- [Liveliness QoS](#)
- [Local Area Network \(LAN\)](#)

- Logical Integrity
- Glossary M Terms
- Maintainability
- Maintainability Measure
- Manageability
- Management Level
- Manufacturing Execution System (MES)
- Massively Parallel Processing (MPP)
- Mean Active Maintenance Down Time (MAMDT)
- Mean Logistics Delay Time (MLDT)
- Mean Time Between Failure (MTBF)
- Mean Time To Failure (MTTF)
- Mean Time To Repair (MTTR)
- Media Access Control (MAC)
- Message-Oriented Middleware (MOM)
- Message Queue(MQ)
- Metadata
- Microcontroller
- Micropayment Channel
- Middleware
- Miner Node
- Mission Assurance (MA)
- Mission Critical System
- Modem
- Modifiability
- Modified Off-The-Shelf (MOTS)
- Modularity
- Module
- Monitoring Software
- Motherboard
- Multi-core Processor
- Multi-Signature (multisig)
- Must (Requirement)
- Glossary N Terms
- N-Tier Architecture
- NATO Off-The-Shelf (NOTS)
- Near-Field-Communication (NFC)
- Network Appliance
- Network Attached Storage (NAS)
- Network Cabling
- Network Device
- Network Interface Card (NIC)
- Network Layer
- Network Node
- Network Performance
- Network Security
- Network Topology
- Network Traffic Analyzer

- [Node](#)
- [Node Network](#)
- [Non-Disclosure Agreement \(NDA\)](#)
- [Non-Functional Requirements](#)
- [Non-Repudiation](#)
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- [Object](#)
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- [Object Management Group® \(OMG®\)](#)
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- [Operational transformation \(OT\)](#)
- [Operator](#)
- [Oracle](#)
- [Owner](#)
- [Ownership QoS](#)
- [Glossary P Terms](#)
- [Package Manager](#)
- [Packet Loss](#)
- [Packet Switched Network \(PSN\)](#)
- [Parallel Processing](#)
- [Parliamentary Authority](#)
- [Partition](#)
- [Payment Channel](#)
- [Pedigree](#)
- [Peer-to-Peer \(P2P\)](#)
- [Performance](#)
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- [Physical Integrity](#)
- [Physical Layer](#)
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- [Planning Level](#)
- [Platform](#)
- [Platform-as-a-Service \(PaaS\)](#)
- [Platform Independent Model \(PIM\)](#)

- Platform Security
- Platform Specific Model (PSM)
- Plug In
- Point-to-Point
- Policies and Procedures (P&P)
- Policy
- Portability
- Portable Operating System Interface (POSIX)
- Port Number
- Presentation Layer
- Principle
- principles
- Private Network
- Privileges
- Procedural Language
- Procedure
- Processor
- Programming Language
- Project Management Software
- Proof of Authority (PoA)
- Proof of Stake (PoS)
- Proof of Work (PoW)
- Protocol
- Protocol Layer
- Provenance
- Public Key Infrastructure (PKI)
- Public Network
- Publish-Subscribe
- Publisher
- Glossary Q Terms
- Quality of Service (QoS) Policies
- Glossary R Terms
- Radio Frequency Identification (RFID)
- Read-Only Memory (ROM)
- Reboot the World Problem
- reCAPTCHA
- Recoverability
- Reduced Instruction Set Computer (RISC)
- Reference Architecture (RA)
- Referential Integrity
- Registered Agent
- Regression Testing
- Relational DataBase Management System (RDBMS)
- Reliability, Maintainability, and Availability (RAM)
- Reliability Measure
- Relocatable Object
- Repairability
- Repeater

- [Replaceability](#)
- [Representational State Transfer \(REST\)](#)
- [Request For Comment \(RFC\)](#)
- [Request For Information \(RFI\)](#)
- [Request For Proposal \(RFP\)](#)
- [Requirement](#)
- [RESTful API](#)
- [Reusability](#)
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- [Risk](#)
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- [Router](#)
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- [Safety-Critical System \(SCS\)](#)
- [Safety Assurance \(SfA\)](#)
- [Salami Slicing](#)
- [Sample](#)
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- [Should \(Requirement\)](#)
- [Sidechain](#)
- [Simple Payment Verification \(SPV\)](#)
- [Single-Factor Authentication \(SFA\)](#)
- [Six Sigma \(6Sigma\)](#)
- [Smart Card](#)
- [Smart Contract](#)
- [Smoke Testing](#)
- [Snapshot](#)
- [Soft Fork](#)

- Software Adaptability
- Software as a Service (SaaS)
- Software Assurance (SwA)
- Software Firewall
- Software Library
- Software Stack
- Source Code
- Special Interest Group (SIG)
- Special Rules
- Sprint
- Stakeholder
- Standards Developing Organization (SDO)
- Standards Organization
- standards\_organization
- Standing Rules
- Static Library
- Statute
- Storage Device
- Straight-through Processing (StP)
- Structured Query Language (SQL)
- Sub-Claim
- Subject Matter Expert (SME)
- Subscriber
- Subscriber Identity Module (SIM)
- Supervisory Control and Data Acquisition (SCADA)
- Supervisory Level
- Supply Chain
- Switch
- Symmetric Multiprocessing (SMP)
- Syntax
- System Assurance (SysA)
- System Lifecycle
- Systems and software Quality Requirements and Evaluation (SQuaRE)
- Glossary T Terms
- Tangle
- Taxonomy
- Technical Standard
- Testability
- Throughput
- Tokens
- Topic
- Total Cost of Ownership (TCO)
- Transmission Control Protocol (TCP)
- Transport Layer
- Transport layer security (TLS)
- Two-Factor Authentication (2FA)
- Glossary U Terms
- Unicode Transformation Format (UTF)

- [Unified Modeling Language \(UML\)](#)
- [Uninterruptible Power Supply \(UPS\)](#)
- [Unique Identifier \(UID\)](#)
- [Unit Testing](#)
- [Universally Unique Identifier \(UUID\)](#)
- [Universal Serial Bus \(USB\)](#)
- [UNIX](#)
- [Upload Speed](#)
- [Usability](#)
- [Use-Case](#)
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