

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 \(ASCII\)](#)
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- [Big-Endian](#)
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- [Biometrics](#)

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- [Bluetooth](#)
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- [Bridge](#)
- [Brownfield](#)
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- [California Consumer Privacy Act \(CCPA\)](#)
- [Capability Maturity Model Integration \(CMMI\)](#)
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- [Category 7 \(Cat-7\)](#)
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- [Charter](#)
- [Children's Online Privacy Protection Act \(COPPA\)](#)
- [Claim](#)
- [Class](#)
- [Client](#)
- [Client-Server](#)
- [Cloud Elasticity](#)
- [Coins](#)
- [Comma Separated Values \(CSV\)](#)
- [Command Line Interface \(CLI\)](#)
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- [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 \(Col\)](#)
- [Compiler](#)
- [Complex Instruction Set Computer \(CISC\)](#)
- [Computer Architecture](#)
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- [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](#)
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- [End-to-End Solution \(E2ES\)](#)
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- [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](#)
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- [Network Topology](#)
- [Network Traffic Analyzer](#)
- [Node](#)
- [Node Network](#)
- [Non-Disclosure Agreement \(NDA\)](#)
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- [Operational transformation \(OT\)](#)
- [Operator](#)
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- [Owner](#)
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- [Package Manager](#)
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- [Parallel Processing](#)
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- [Partition](#)
- [Payment Channel](#)
- [Pedigree](#)
- [Peer-to-Peer \(P2P\)](#)
- [Performance](#)
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- [Permissioned Networks](#)
- [Permissionless Networks](#)
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- Personal Identifiable Information (PII)
- Physical Integrity
- Physical Layer
- Physical Security
- 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](#)
- [Rich Site Summary \(RSS\)](#)
- [Risk](#)
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- [Router](#)
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- [Safety-Critical System \(SCS\)](#)
- [Safety Assurance \(SfA\)](#)
- [Salami Slicing](#)
- [Sample](#)
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- [Scalability](#)
- [Scaling Out](#)
- [Scaling Up](#)
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- [Secure Sockets Layer \(SSL\)](#)
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- [Semantic Web](#)
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- [Shared Object \(.so\)](#)
- [Shielding](#)

- Should (Requirement)
- Sidechain
- Simple Payment Verification (SPV)
- Single-Factor Authentication (SFA)
- Six Sigma (6Sigma)
- Smart Card
- smart_contracts
- 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)
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- Tangle
- Taxonomy
- Technical Standard
- Testability

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- [Tokens](#)
- [Topic](#)
- [Total Cost of Ownership \(TCO\)](#)
- [Transmission Control Protocol \(TCP\)](#)
- [Transport Layer](#)
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- [Unified Modeling Language \(UML\)](#)
- [Uninterruptible Power Supply \(UPS\)](#)
- [Unique Identifier \(UID\)](#)
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- [Universally Unique Identifier \(UUID\)](#)
- [Universal Serial Bus \(USB\)](#)
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- [Usability](#)
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- [Wireless Network](#)

- [Wire Protocol](#)
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