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return to Reference Architecture (RA)

All my content as a tree!

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      - Altcoin
      - Amazon Web Services (AWS)
      - American National Standards Institute (ANSI)
      - American Standard for Information Interchange (ASCII)
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      - Anti Money Laundering (AML)
      - Apache ActiveMQ
      - Application
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- Glossary A Terms

▪ Glossary B Terms

- Backus–Naur Form (BNF)
- Bandwidth
- Bank for International Settlements (BIS)
- Bank of England (BoE)
- Bank Secrecy Act of 1970 (BSA)
- Bar Code (Barcode)
- Basic Input/Output System (BIOS)
- Big-Endian
- BigQuery
- Bill of Lading (BL or BoL)
- Binary Instrumentation
- Biometric Authentication
- Biometrics
- Bit Error
- Bitcoin
- Bitcoin Wallet
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- Black Box Testing
- Blind Assignment for Blockchain Extension (BABE)
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- Bug
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- Bytecode
- Byzantine Fault
- Byzantine Fault Tolerance (BFT)
- Byzantine Generals Problem
- Federal Financial Services Authority (BaFin)
- Glossary B Terms

▪ Glossary C Terms
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- California Consumer Credit Reporting Agencies Act (CCCRA)
- California Consumer Privacy Act (CCPA)
- California Privacy Act
- California Right to Financial Privacy Act
- California Song-Beverly Credit Card Act
- Capability Maturity Model Integration (CMMI)
- Cardano
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- Category 6 (Cat-6)
- Category 7 (Cat-7)
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- Central Ledger
- Central Processing Unit (CPU)
- Certificate Authority (CA)
- Chain Linking
- Charge Card
- Charter
- Checksum
- Children's Online Privacy Protection Act (COPPA)
- China Banking Regulatory Commission (CBRC)
- China Insurance Regulatory Commission (CIRC)
- China Securities Regulatory Commission (CSRC)
- Cipher
- Ciphertext

- Claim
- Class
- Clearinghouse
- Cleartext
- Client
- Client-Server
- Cloud Elasticity
- Cloud Service
- Cloud Storage
- Coins
- Cold Boot Attack
- Comma Separated Values (CSV)
- Command Line Interface (CLI)
- Command Shell
- Commercial Off-The-Shelf (COTS)
- Commodity Futures Trading Commission (CFTC)
- Common Intermediate Language (CIL)
- Common Language Runtime (CLR)
- Common Object Request Broker Architecture (CORBA)
- Common Warehouse Metamodel (CWM)
- Common Weakness Enumeration (CWE)
- Communication Protocol
- Communications Model
- Community of Interest (CoI)
- Competition In Contracting Act (CICA)
- Compiler
- Complex Instruction Set Computer (CISC)
- Component
- Computer Architecture
- Computer System
- Computing Platform
- Conceptual Schema
- Condition
- Confidential Information Protection and Statistical Efficiency Act (CIPSEA)
- Confidentiality
- Confidentiality Agreement
- Confidentiality, Integrity and Availability (CIA Triad)
- Configuration Management (CM)
- Confirmation
- Conformance Specification
- Consensus Algorithm
- Consensus Process
- Console
- Consortium Blockchain
- Constrained Application Protocol (CoAP)
- Consumer Financial Protection Bureau (CFPB)
- Container
- Container Engine

        - Container Host
        - Container OS
        - Control Flow
        - Control Level
        - Copyleft
        - Copyright
        - Core Dump
        - Corruption
        - Cost Accounting Standards (CAS)
        - Crash
        - Credit and Debit Card Receipt Clarification Act
        - Credit Card
        - Crowdfunding
        - Cryptoanalysis
        - Cryptocurrency
        - Cryptocurrency Addresses
        - Cryptographic Algorithm
        - Cryptographic Checksum
        - Cryptographic Key
        - Cryptography
        - Customer Due Diligence
        - Cyber Resiliency
        - Cybersecurity
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        - Data Definition Language (DDL)
        - Data Distribution Service (DDS)
        - Data Governance (DG)
        - Data Integrity
        - Data Link Layer (DLL)
        - Data Localization
        - Data Logging
        - Data Loss Prevention (DLP)
        - Data Management (DM)
        - Data Management Platform (DMP)
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        - Data Model (DM)
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        - Data Protection Act 2018

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- Data Reader
- Data Remanence
- Data Residency
- Data Retention Policy
- Data Security
- Data Sovereignty
- Data Strategy
- Data Structure
- Data Type
- Data Writer
- Data-at-Rest
- Data-Centric
- Data-Centric Publish-Subscribe (DCPS)
- Data-in-Motion
- Data-in-Use
- Database
- Database Driver
- DataBase Management System (DBMS)
- Datastore
- DDS Domain
- DDS Sample
- de facto Standard
- Deadline QoS
- Debit Card
- Debugger
- Decentralized Application
- Decentralized Autonomous Organization
- Decentralized Autonomous Organization (DAO)
- Decentralized Finance (DeFi)
- Decentralized IDentifier (DID)
- Decision Point
- Declarative Programming
- Decryption
- Deep Copy
- Defense Federal Acquisition Regulation Supplement (DFARS)
- Delegated Byzantine Fault Tolerant (dBFT)
- Delegated Proof of Stake (DPoS)
- Denial-of-Service (DoS)
- Department of Defense (DoD)
- Department of Justice (DOJ)
- Dependent Event
- Deposit Insurance
- Desirement
- Desktop
- Deterministic Algorithm
- DevOps
- devp2p

- DIDO Domain Community
- DIDO Ecosphere Community
- DIDO Ecosystem Community
- DIDO Platform
- Difficulty
- Digital Asset
- Digital Attack Surface Area
- Digital Certificate
- Digital Identity
- Digital Rights
- Digital Rights Management (DRM)
- Digital Signature
- Digital Transaction
- Digital Twin
- Directed Acyclic Graph (DAG)
- Disaster Recovery Plan (DRP)
- Disconnected, Intermittent and Limited (DIL)
- Discovery
- Disk Image
- Distributed Application (ĐApp or DApp)
- Distributed Database
- Distributed Denial-of-Service (DDoS)
- Distributed Hash Table (DHT)
- Distributed Immutable Data Objects (DIDO)
- Distributed Ledger
- Distributed Ledger Technology (DLT)
- Distributed System
- Division by Zero (DIV/0)
- Docker
- Document Object Model (DOM)
- Dodd-Frank Act
- Domain Integrity
- Domain Knowledge
- Domain Name System (DNS)
- Domain Participant
- Domestic Money Laundering
- Double Spend
- Download Speed
- Downtime
- Driver's Privacy Protection Act of 1994 (DPPA)
- Drug Enforcement Administration (DEA)
- Drug Trafficking
- Dual In-line Memory Module (DIMM)
- Duck Typing
- Durability
- Dynamic Host Configuration Protocol (DHCP)
- Dynamic Link Library (.dll)
- Dynamic Random Access Memory (DRAM)

        - Glossary D Terms
    - Glossary E Terms
        - E-Government Act
        - Economies of Scale
        - Elastic Compute Cloud (EC2)
        - Electronic Benefit Transfer (EBT)
        - Electronic Commerce (e-Commerce)
        - Electronic Funds Transfer Act
        - Electrotechnology
        - Encryption
        - Encryption Algorithm
        - End-of-life (EoL)
        - End-to-End Solution (E2ES)
        - End-to-End Testing (E2E Testing)
        - Endianness
        - Endpoint
        - Enterprise Resource Planning (ERP)
        - Entity
        - Entity Integrity
        - Entity Relationship Diagram (ERD)
        - Environment Variables
        - Ether
        - Ethereum
        - Ethereum Classic
        - Ethereum Improvement Proposal (EIP)
        - Ethereum Memory
        - Ethereum Node
        - Ethereum Request for Comment (ERC)
        - Ethereum Storage
        - Ethereum Virtual Machine (EVM)
        - Ethereum Virtual Machine (EVM) Bytecode
        - Ethereum Wire Protocol (ETH)
        - Ethernet
        - Europay, MasterCard® and Visa (EMV)
        - Evidence
        - EVM Code
        - Exception
        - Exception Handler
        - Executable File
        - Exploit
        - Exploitable
        - Glossary E Terms
    - Glossary F Terms
        - Failover
        - Fair and Accurate Credit Transactions Act (FACTA)
        - Fair Credit Reporting Act (FCRA)
        - Fair Debt Collection Practices Act (FDCPA)
        - Fault Tolerance

        - Federal Acquisition Regulation (FAR)
        - Federal Bureau of Investigation (FBI)
        - Federal Deposit Insurance Corporation (FDIC)
        - Federal Emergency Management Agency (FEMA)
        - Federal Information Security Management Act (FISMA)
        - Federal Reserve (Fed)
        - Federal Reserve Note
        - Fiat Currency
        - Field Level
        - Fifty-One Percent (51% Attack)
        - FIGI Symbology
        - Figure of Merit (FoM)
        - File
        - File Transfer Protocol (FTP)
        - Financial Accounting Standards Board (FASB)
        - Financial Action Task Force (FATF)
        - Financial Conduct Authority (FCA)
        - Financial Industry Regulatory Authority (FINRA)
        - Financial Instrument
        - Financial Instrument Global Identifier (FIGI)
        - Financial Market
        - Financial Market Supervisory Authority (FINMA)
        - Financial Sector
        - Financial Services Agency (FSA)
        - Financial Technology (Fintech)
        - Firewall
        - Firmware
        - Five Nines
        - Flowchart
        - Fork
        - Full Memory Encryption (FME)
        - Full Node
        - Full-Disk Encryption (FDE)
        - Functional Language
        - Functional Programming
        - Functional Requirements
        - Fungibility
        - Fungible
        - Glossary F Terms
    - Glossary G Terms
        - Ganache
        - Gas
        - Gateway
        - General Data Protection Regulation (GDPR)
        - General-Purpose Graphics Processing Unit (GPGPU)
        - Generally Accepted Accounting Principles (GAAP)
        - Geolocation
        - Gift Card

- Global StableCoin (GSC)
- Glossary G Terms
- Goal
- Google Mobile Services (GMS)
- Gossip Protocol
- Governance
- Governing Body
- Government Accountability Office (GAO)
- Government Off-The-Shelf (GOTS)
- Gramm-Leach-Bliley Act (GLBA)
- Graph DataBase (GDB)
- Graphical User Interface (GUI)
- Graphics Processing Unit (GPU)
- Greenfield

▪ Glossary H Terms
- Glossary H Terms
- Hacker
- Halving
- Hard Disk Drive (HDD)
- Hard Fork
- Hard Real-Time System
- Hardware (H/W)
- Hardware Firewall
- Hash Function
- Hash Key
- Hashcash
- Hashgraph
- Hashgraph Consensus Algorithm
- Hashing
- Hashrate
- Health Insurance Portability and Accountability Act (HIPAA)
- Heap Error
- Heap Memory
- Hedera
- History QoS
- Homomorphic Encryption (HE)
- Horizontal Scaling
- Howey Test
- HTTP Sniffer
- Hub
- Human Trafficking
- Human-machine interface (HMI)
- Hybrid Network
- Hype-Cycle
- Hyperledger
- Hypertext markup language (HTML)
- Hypertext Transfer Protocol (HTTP)
- Hypertext transfer protocol (HTTP) Response

- Hypertext transfer protocol (HTTP) Request
- Hypertext Transport Protocol Secure (HTTPS)
- Hypervisor

- Glossary I Terms
  - Glossary I Terms
  - Idempotence
  - Identification
  - Identifier (ID)
  - Identity Theft
  - IEEE 802.1 Working Group
  - Immutable
  - Impacted Component
  - Imperative Programming
  - Incremental Model
  - Independent Event
  - Industrial Application
  - Industrial Internet of Things (IIoT)
  - Information Assurance (IA)
  - Information Security (IS/InfoSec)
  - Information Technology (IT)
  - Information Technology (IT) Risk Management
  - Infrared Wireless Networking
  - Infrastructure-as-a-Service (IaaS)
  - Inherence Factor
  - Inheritance
  - Initial Coin Offering (ICO)
  - Insolvency and Bankruptcy Board of India (IBBI)
  - Installability
  - Instance
  - Institute of Electrical and Electronics Engineers (IEEE)
  - Instruction Set
  - Instrumentation
  - Insurance Regulatory and Development Authority of India (IRDAI)
  - Integrated Development Environment (IDE)
  - Integration Testing
  - Integrity
  - Intellectual Property (IP)
  - Inter-Process Communication (IPC)
  - Interactive Model
  - Interface
  - Interface Testing
  - International Money Laundering
  - International Organization for Standardization (ISO)
  - Internet
  - Internet Assigned Number Authority (IANA)
  - Internet Inter-ORB Protocol (IIOP)
  - Internet of Things (IOT)
  - Internet Protocol (IP)

- Internet Protocol Address (IP Address)
- Internet Protocol Security (IPsec)
- Internet Service Provider (ISP)
- Internet Small Computer System Interface (iSCSI)
- Interoperability
- Interoperability Testing
- InterPlanetary File System (IPFS)
- Intranet
- Iota
- ISO 15288
- ISO 90003-2018
- ISO 9001

- Glossary J Terms
  - Glossary J Terms
  - Java
  - Java Database Connectivity(JDBC)
  - Java Message Service (JMS)
  - Java Virtual Machine (JVM)
  - JavaScript
  - JavaScript Object Notation (JSON)
  - Jitter
  - Just-In-Time (JIT)
- Glossary K Terms
  - Glossary K Terms
  - Kademlia
  - Key
  - Key Management
  - Know Your Customer (KYC)
  - Knowledge Factor
- Glossary L Terms
  - Glossary L Terms
  - Laptop
  - Latency
  - Latency Budget QoS
  - Learnability
  - Ledger
  - License
  - License Distribution
  - License Linking
  - License Modification
  - License Patent Grant
  - License Private Use
  - Licensing Sublicensing
  - Licensing Trademark Grant
  - Light Ethereum Subprotocol (LES)
  - Light Node
  - Lightning Network
  - Lightweight Directory Access Protocol (LDAP)

- Lint
- Liquidity
- Liquidity Risk
- Lisp
- Listener
- Litecoin
- Little-Endian
- Liveliness QoS
- Local Area Network (LAN)
- Location Factor
- Logic Error
- Logical Integrity
- Long-Term Evolution (LTE)

- Glossary M Terms
  - Glossary M Terms
  - Machine Authentication
  - Machine Learning (ML)
  - Machine to Machine (M2M)
  - Main Memory Encryption (MME)
  - Maintainability
  - Maintainability Measure
  - Malicious Software (Malware)
  - Man-in-the-Middle (MiTM) Attack
  - Manageability
  - Management Level
  - Manufacturing Execution System (MES)
  - Markets in Financial Instruments Directive (MiFID)
  - Markets in Financial Instruments Directive II (MiFID II)
  - 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)
  - Measures of Effectiveness (MoE)
  - Media Access Control (MAC)
  - Meet-in-the-Middle Attack
  - Meme Coin
  - Memorandum Of Agreement (MOA)
  - Memorandum Of Understanding (MOU)
  - Memory Leak
  - Message Broker
  - Message Queue(MQ)
  - Message Queuing Telemetry Transport (MQTT)
  - Message-Oriented Middleware (MOM)
  - Metadata
  - MetaObject Facility Specification (MOF)
  - Method Overloading

- Metropolitan Area Network (MAN)
- Microcontroller
- Micropayment Channel
- Middleware
- Miner Node
- Mining
- Mission Assurance (MA)
- Mission Critical System
- Mobile Device
- Mobile Payment
- Model Driven Architecture (MDA)
- Model-Based Systems Engineering (MBSE)
- Modem
- Modifiability
- Modified Off-The-Shelf (MOTS)
- Modularity
- Module
- Monetary Authority of Singapore (MAS)
- Money Laundering
- Money Laundering Control Act of 1986 (MCLA)
- Monitoring Software
- Motherboard
- Multi-core Processor
- Multi-Party Computation (MPC)
- Multi-Signature (multisig)
- Multifactor Authentication (MFA)
- Musical Instrument Digital Interface (MIDI)
- Must (Requirement)
- MUTual EXclusion (mutex)

▪ Glossary N Terms
- Glossary N Terms
- N-Tier Architecture
- Namespace
- National Association of Insurance Commissioners (NAIC)
- National Credit Union Administration (NCUA)
- 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 Management System (NMS)
- Network Node
- Network Object
- Network Performance
- Network Security

- Network Topology
- Network Traffic Analyzer
- Node
- Node Network
- Node Package Management (NPM)
- Node.js
- Non-Disclosure Agreement (NDA)
- Non-Functional Requirements
- Non-Fungible Token (NFT)
- Non-Profit Organization (NPO)
- Non-Repudiation
- Non-Volatile Storage (NVS)
- Normalization
- NoSQL
- Notebook Computer

- Glossary O Terms
  - Glossary O Terms
  - Object
  - Object Management Group® (OMG®)
  - Object-Oriented (OO)
  - Object-Oriented Database (OOD)
  - Object-Oriented Programming (OOP)
  - Object-Relational Database (ORD)
  - Objective
  - One-Time PIN (OTP)
  - OneM2M
  - Ontology
  - Open Database Connectivity (ODBC)
  - Open Platform Communication
  - Open Platform Communication Unified Architecture (OPC-UA)
  - Open Source Software (OSS)
  - Open Standard Authorization (OAuth)
  - Open Systems Interconnection (OSI) Model
  - Open Telecom Platform (OTP)
  - Operability
  - Operating System (OS)
  - Operational Code (OPCODE)
  - Operational Resilience
  - Operational transformation (OT)
  - Operator
  - Options Clearing Corporation (OCC)
  - Oracle
  - Other Transactions (OT)
  - Overflow
  - Owner
  - Ownership QoS
  - Ownership Strength
- Glossary P Terms

- Glossary P Terms
- Package
- Package Manager
- Packet Loss
- Packet Switched Network (PSN)
- Parallel Processing
- Parliamentary Authority
- Partition
- Password
- Patch
- Payment Card
- Payment Card Industry Data Security Standard (PCI DSS)
- Payment Channel
- Pedigree
- Peer
- Peer Review
- Peer-to-Peer (P2P)
- Peer-to-Peer Lending (P2P Lending)
- Pension Fund Regulatory and Development Authority (PFRDA)
- Performance
- Performance Efficiency Measure
- Performance or Functional Specifications
- Peripheral Device
- Permissioned Blockchains
- Permissioned Ledger
- Permissioned Networks
- Permissionless Networks
- Permissive Open Source Software
- Personal Identifiable Information (PII)
- Personal Identification Number (PIN)
- Phishing
- Physical Attack Surface Area
- Physical Integrity
- Physical Layer
- Physical Security
- Plaintext
- Planning Level
- Platform
- Platform Independent Model (PIM)
- Platform Security
- Platform Specific Model (PSM)
- Platform-as-a-Service (PaaS)
- Plug In
- Point-to-Point
- Policies and Procedures (P&P)
- Policy
- Policy Administration Point (PAP)
- Policy Based Management System (PBMS)

- Policy Decision Point (PDP)
- Policy Enforcement Point (PEP)
- Policy Information Block (PIB)
- Policy Information Point (PIP)
- Policy Retrieval Point (PRP)
- Polkadot
- Port Number
- Portability
- Portable Network Graphics (PNG)
- Portable Operating System Interface (POSIX)
- Possession Factor
- Precision Time Protocol (PTP)
- Prepaid Card
- Presentation Layer
- Principle
- Private Key
- Private Network
- Privileges
- Procedural Language
- Procedure
- Processor
- Procurement Integrity Act (PIA)
- Programming Language
- Programming Style Guide
- Project Management Software
- Proof of Authority (PoA)
- Proof of Concept Software
- Proof of Stake (PoS)
- Proof of Work (PoW)
- Protection Rings
- Protocol
- Protocol Buffer (Protobuf)
- Protocol Layer
- Prototype
- Prototype Model
- Provenance
- Prudential Regulation Authority (PRA)
- Public Domain
- Public Key
- Public Key Infrastructure (PKI)
- Public Network
- Publish-Subscribe
- Publisher
- Pulse-Amplitude Modulation (PAM)
- Pure Function
- Python

▪ Glossary Q Terms
- Glossary Q Terms

- Quality of Service (QoS) Policies
- Quantum Computing
- Quick Response Code (QR Code)

- Glossary R Terms
  - Glossary R Terms
  - RabbitMQ
  - Radio Frequency Identification (RFID)
  - Random Access Memory (RAM)
  - Range Error
  - Rapid Application Development (RAD) Model
  - Read-Only Memory (ROM)
  - Real-Time Application (RTA)
  - Real-Time Payments (RTP)
  - Real-time Publish-Subscribe (RTPS)
  - Reboot the World Problem
  - reCAPTCHA
  - Recoverability
  - Recursion
  - Reduced Instruction Set Computer (RISC)
  - Reentrancy Attack
  - Reference Architecture (RA)
  - Reference Implementation (RI)
  - Referential Integrity
  - Register
  - Registered Agent
  - Registered Jack-45 (RJ45) Connectors
  - Regression Testing
  - Regulatory Compliance
  - Relational DataBase Management System (RDBMS)
  - Relational Model (RM)
  - Reliability Measure
  - Reliability, Maintainability, and Availability (RAM)
  - Relocatable Object
  - Remote Procedure Call (RPC)
  - Repairability
  - Repeater
  - Replaceability
  - Representational State Transfer (REST)
  - Request For Comment (RFC)
  - Request For Information (RFI)
  - Request For Proposal (RFP)
  - Requirement
  - Requirement Traceability
  - Research Development Test & Evaluation (RDT&E) Funding
  - Reserve Bank of India (RBI)
  - Reserve Currency
  - Resource Lock
  - Resources

- RESTful API
- Reusability
- Rich Site Summary (RSS)
- Right to Financial Privacy Act of 1978 (RFPA)
- Right to Privacy
- Ripple
- Risk
- RLPx
- Robo-Advisor
- Roundoff Error
- Router
- RSA SecureID
- Run Time
- Runtime Error

- Glossary S Terms
  - Glossary S Terms
  - Safety Assurance (SfA)
  - Safety-Critical System (SCS)
  - Salami Slicing
  - Sample
  - Sandbox
  - Sandboxing
  - Sanity Testing
  - Sarbanes-Oxley Act (SOX)
  - Scalability
  - Scaling Out
  - Scaling Up
  - Scope Creep
  - Script
  - Scrypt
  - Secure Encrypted Virtualization (SEV)
  - Secure Memory Encryption (SME)
  - Secure Shell (SSH)
  - Secure Sockets Layer (SSL)
  - Securities and Exchange Board of India (SEBI)
  - Securities and Exchange Commission (SEC)
  - Security (finance)
  - Security Breach
  - Security Measure
  - Segmentation Fault (SEGFAULT)
  - Self-sovereign Identity (SSI)
  - Semantic Web
  - Semantics
  - Sensor
  - Sequence
  - Sequenced Packet Exchange (SPX)
  - Server
  - Servicability

- Service Mesh
- Session Layer
- Settlement Layer
- SHA 256
- Shall (Requirement)
- Shallow Copy
- Shard
- Sharding
- Shared Library
- Shared Object (.so)
- Shared Resources
- Shielding
- Short Message Service (SMS)
- Should (Requirement)
- Side Effect
- Side-Channel Attack
- Sidechain
- Silo
- Simple (or Streaming) Text Oriented Message Protocol (STOMP)
- Simple Network Management Protocol (SNMP)
- Simple Object Access Protocol (SOAP)
- Simple Payment Verification (SPV)
- Single In-line Memory Module(SIMM)
- Single Point of Failure (SPoF)
- Single Sign-On (SSO)
- Single-Factor Authentication (SFA)
- Singleton
- Six Sigma (6Sigma)
- Small Business Innovation Research (SBIR)
- Small Business Technology Transfer (STTR)
- Smart Card
- Smart Contract
- Smoke Testing
- Snapshot
- Soft Fork
- Software (SW)
- Software Adaptability
- Software as a Service (SaaS)
- Software Assurance (SwA)
- Software Crisis
- Software Development Model
- Software Engineering (SE)
- Software Firewall
- Software Guard Extensions (SGX)
- Software Library
- Software Quality Assurance (SQA)
- Software Stack
- Software Stack

- Software Subsystem
- Solana
- Solid-State Drive (SSD)
- Solidity
- Solidity Events
- Solution Stack
- Source Code
- Source Instrumentation
- Special Interest Group (SIG)
- Special Rules
- Specification
- Specified Unlawful Activities (SUA)
- Spiral Model
- Sprint
- Stablecoin
- Stack Memory
- Stack Trace
- Stakeholder
- Standard
- Standards Developing Organization (SDO)
- Standards Organization
- Standing Rules
- Static Code Analysis
- Static Library
- Static Random Access Memory (SRAM)
- Statute
- Storage Area Network (SAN)
- Storage Device
- Straight-through Processing (StP)
- Stream Ciphers
- Stream Control Transmission Protocol (SCTP)
- Strongly Typed Language
- Structured Query Language (SQL)
- Sub-Claim
- Subject Matter Expert (SME)
- Subscriber
- Subscriber Identity Module (SIM)
- Successful Attack
- Supervisory Control and Data Acquisition (SCADA)
- Supervisory Level
- Supply Chain
- Switch
- Symmetric Multiprocessing (SMP)
- Syntax
- Syntax Error
- Syntax Highlighting
- System Assurance (SysA)
- System Lifecycle

        - System of Systems (SoS)
        - System-on-a-Chip (SoC)
        - Systems and software Quality Requirements and Evaluation (SQuaRE)
        - Systems Engineering (SE)
        - Systems Modeling Language (SysML)
    - Glossary T Terms
        - Glossary T Terms
        - Tangle
        - Taxonomy
        - TCP/IP Conceptual Model
        - Technical Standard
        - Testability
        - The DAO Project
        - The Onion Router (Tor)
        - Threat
        - Throughput
        - Time Factor
        - Time Sensitive Network (TSN)
        - Tokenless Ledger
        - Tokens
        - Topic
        - Total Cost of Ownership (TCO)
        - Total Memory Encryption (TME)
        - Trademark
        - Transaction
        - Transaction Block
        - Transaction Fees
        - Transmission Control Protocol (TCP)
        - Transport Layer
        - Transport layer security (TLS)
        - Transport Priority
        - TRESOR
        - Trusted Execution Environment (TEE)
        - Two-Factor Authentication (2FA)
        - Type Safety
    - Glossary U Terms
        - Glossary U Terms
        - U.S. Treasury
        - Underflow
        - Unicode Transformation Format (UTF)
        - Unified Modeling Language (UML)
        - Uniform Resource Identifier (URI)
        - Uniform Resource Locator (URL)
        - Uninterruptible Power Supply (UPS)
        - Unique Identifier (UID)
        - Unit Testing
        - Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism (USA PATRIOT) Act of 2001

- Universal Description Discovery and Integration (UDDI)
- Universal Serial Bus (USB)
- Universally Unique IDentifier (UUID)
- UNIX
- UNIX Domain Socket (Socket)
- Unpermissioned Ledgers
- Upload Speed
- US Patriot Act, Title III: Anti-money-laundering to prevent terrorism
- Usability
- Use-Case
- User Authentication
- User Datagram Protocol (UDP)
- User Defined Exception
- User Defined Integrity
- User Error Protection
- User Interface Aesthetics
- User Scenario
- User Story

▪ Glossary V Terms
- Glossary V Terms
- V-Model
- Validation
- Value Chain
- Variable
- Vendor Lock-In
- Vermont Privacy of Consumer Financial and Health Information
- Version Control
- Vertical Scaling
- Video Privacy Protection Act (VPPA)
- Virtual Disk Image (VDI)
- Virtual LAN (VLAN)
- Virtual Machine (VM)
- Virtual Machine Images
- Virtual Private Network (VPN)
- Visual Programming Language (VPL)
- Volatile Storage (VS)
- Volcker Rule
- Voluntary Consensus-based Standards Body (VCSB)
- Vulnerability
- Vulnerable

▪ Glossary W Terms
- Glossary W Terms
- WaitSet
- Wallet
- Waterfall Model
- Wayback Machine
- Weakly Typed Language
- Weakness

- Web Application (Web App)
- Web Service
- Web Services Description Language (WSDL)
- web3.js
- Weight of Network
- Whisper
- White Box Testing
- Wide Area Network (WAN)
- Wifi Frequencies
- Will (Requirement)
- Windows Registry
- Wire Protocol
- Wired Network
- Wireless Fidelity (Wi-Fi)
- Wireless Network
- Wizard
- World Wide Web (WWW)
- Worst-Case Execution Time (WCET)
- Wrap Around

▪ Glossary X Terms
- eXtensible Markup Language (XML)
- eXtensible Messaging and Presence Protocol (XMPP)
- Glossary X Terms
- XML Information Set (XML Infoset)
- XML Query Language (XQuery)
- XML Schema Definition (XSD)

▪ Glossary Y Terms
- Glossary Y Terms

▪ Glossary Z Terms
- Glossary Z Terms
- Zero Trust (ZT)
- Zero Trust Architecture (ZTA)
- Zero Trust Security Model
- Zero-Day
- ZigBee

▪ Appendix A: Glossary of Terms Related to DIDO

◦ Appendix D: Operating Systems

▪ Android
- Android

▪ Apstra
- Apstra

▪ Azure Real Time Operating System (or Azure RTOS)
- Azure Real Time Operating System (or Azure RTOS)

▪ Azure Sphere OS
- Azure Sphere OS

▪ balenaOS
- balenaOS

▪ Blackberry QNX

        - Blackberry QNX
    - CentOS
        - CentOS
    - Chromium OS
        - Chromium OS
    - Cisco Digital Network Architecture (Cisco DNA)
        - Cisco Digital Network Architecture (Cisco DNA)
    - Cisco Internetwork Operating System (IOS)
        - Cisco Internetwork Operating System (IOS)
    - Cisco IOS XR
        - Cisco IOS XR
    - Cisco NX-OS
        - Cisco NX-OS
    - ClearOS
        - ClearOS
    - CloudReady
        - CloudReady
    - ExtremeXOS
        - ExtremeXOS
    - FreeBSD
        - FreeBSD
    - FreeRTOS
        - FreeRTOS
    - IBM i
        - IBM i
    - iOS
        - iOS
    - Junos operating system (Junos OS)
        - Junos operating system (Junos OS)
    - LynxOS RTOS
        - LynxOS RTOS
    - MacOS
        - MacOS
    - Nokia X Software Platform
        - Nokia X Software Platform
    - Open Network Linux
        - Open Network Linux
    - OpenServer
        - OpenServer
    - Oracle Linux (OL)
        - Oracle Linux (OL)
    - Oracle Solaris
        - Oracle Solaris
    - Red Hat Enterprise Linux (RHEL)
        - Red Hat Enterprise Linux (RHEL)
    - SANtricity Software Operating System (OS)
        - SANtricity Software Operating System (OS)
    - SCO UnixWare

        - SCO UnixWare
    - SUSE Linux Enterprise Server (SLES)
        - SUSE Linux Enterprise Server (SLES)
    - TrueNAS
        - TrueNAS
    - Ubuntu Linux
        - Ubuntu Linux
    - Windows
        - Windows
    - Windows IoT
        - Windows IoT
    - Windows NT
        - Windows NT
    - Windows Server
        - Windows Server
    - Windows XP
        - Windows XP
    - Appendix D: Operating Systems
- Appendix E: Tools
    - Appendix E: Tools
    - Tools: Archiving and Release Management
    - Tools: Bug and Issue Tracking
    - Tools: Code Reviews
    - Tools: Contributor License Agreements (CLA)
    - Tools: GitHub Management at Corporate Scale
    - Tools: Logging Tools
    - Tools: Network Traffic Analysis
    - Tools: Open Source Paradigm
    - Tools: Project Quality
    - Tools: Source Code Scanning and License Compliance
    - Tools: Tracking Project Health
- Appendix F: DDS Quality Of Service
    - Appendix F: DDS Quality Of Service
    - F.1 User Data
    - F.10 Ownership Strength
    - F.11 Liveliness
    - F.12 Time Based Filter
    - F.13 Partition
    - F.14 Reliability
    - F.15 Transport Priority
    - F.16 Lifespan
    - F.17 Destination Order
    - F.18 History
    - F.19 Resource Limits
    - F.2 Topic Data
    - F.20 Entity Factory
    - F.21 Writer Data Lifecycle
    - F.22 Reader Data Lifecycle

        - F.3 Group Data
        - F.4 Durability
        - F.5 Durability Service
        - F.6 Presentation
        - F.7 Deadline
        - F.8 Latency Budget
        - F.9 Ownership
    - Appendix G: Tests
        - Appendix G: Tests
    - Appendix H: Acronyms
        - Appendix H: Acronyms
    - Appendix I: Cognitive Model
        - Appendix I: Cognitive Model
    - Appendix J: Governance Model
        - Appendix J: Governance Model
    - Appendix K: DIDO Consensus Algorithms
        - K.1 Definition of Terms
            - K.1 Definition of Terms
        - K.2 Consensus Objectives
            - K.2 Consensus Objectives
        - K.3 Consensus Mechanisms
            - Cellular Automaton Consensus
            - Delegated Byzantine Fault Tolerance (dBFT)
            - Delegated Proof of Stake (DPoS)
            - Directed Acyclical Graphs (DAGs)
            - Fast Probabilistic Consensus (FPC)
            - K.3 Consensus Mechanisms
            - Leased Proof of Stake (LPoS)
            - Other Consensus Methodologies
            - Practical Byzantine Fault Tolerance (pBFT)
            - Proof of Activity (PoA)
            - Proof of Authority (PoAuth)
            - Proof of Burn (PoB)
            - Proof of Capacity (PoC)
            - Proof of Elapsed Time (PoET)
            - Proof of Importance (PoI)
            - Proof of Stake (PoS)
            - Proof of Weight (PoW)
            - Proof of Work (PoW)
        - K.4 Consensus Platforms
            - K.4 Consensus Platforms
        - K.5 Consensus Algorithm References
            - K.5 Consensus Algorithm References
            - Video: SCOTT
            - Webpage: ANWAR
            - Webpage: BHARDWAJ
            - Webpage: HRYIUK
            - Webpage: SAINI

            - Webpage: SHAH
        - Appendix K: DIDO Consensus Algorithms
    - Appendix L: Governance, Regulation and Compliance
        - Appendix L: Governance, Regulation and Compliance
        - Data Governance
        - Health Insurance Portability and Accountability Act (HIPAA) Compliance
        - U.S. Federal Data Strategy
    - C.2 Servers
        - dido:public:ra:xapend:xapend.c_hwarch:1_embedded:
            - C.1.1 Embedded Subsystem
            - C.1.2 Standalone Embedded Systems
            - C.1.3 Networked Embedded Systems
        - dido:public:ra:xapend:xapend.c_hwarch:server:
            - C.2.1 Software Servers
            - C.2.2 Hardware Servers
        - Appendix C: Hardware Architectures
        - C.1 Embedded Systems
        - C.2 Servers
        - C.3 Desktops
        - C.4 Handheld Computers
        - C.5 Supercomputers
        - C.6 Network Devices
    - Technical Standards Bodies
        - dido:public:ra:xapend:xapend.b_stds:defact:
            - Amazon
                - Amazon
            - Apache Software Foundation (ASF)
                - Apache Software Foundation (ASF)
                - Apache: Log4cxx
                - Apache: Log4j
                - Apache: log4jscala
                - Apache: log4net
                - Apache: log4php
            - Apple
                - Apple
                - Apple: Darwin
                - Apple: iOS
                - Apple: MacOS
            - Bitcoin: Developer's Guidance
                - dido:public:ra:xapend:xapend.b_stds:defact:bitcoin:bips:
                    - BIP 0011 - M-of-N Standard Transactions
                    - BIP 0013 - Address Format for pay-to-script-hash
                    - BIP 0014 - Protocol Version and User Agent
                    - BIP 0016 - Pay to Script Hash (soft fork)
                    - BIP 0021 - URI Scheme
                    - BIP 0022 - getblocktemplate - Fundamentals
                    - BIP 0023 - getblocktemplate - Pooled Mining
                    - BIP 0030 - Duplicate transactions (soft fork)

            - BIP 0031 - Pong message
            - BIP 0034 - Block v2, Height in Coinbase (soft fork)
            - BIP 0035 - mempool message
            - BIP 0037 - Connection Bloom filtering
            - BIP 0042 - A finite monetary supply for Bitcoin (soft fork)
            - BIP 0061 - Reject P2P message
            - BIP 0065 - OP_CHECKLOCKTIMEVERIFY (soft fork)
            - BIP 0068 - Relative lock-time using consensus-enforced sequence numbers (soft fork)
            - BIP 0070 - Payment Protocol
            - BIP 0071 - Payment Protocol MIME types
            - BIP 0072 - bitcoin: uri extensions for Payment Protocol
            - BIP 0073 - Use "Accept" header for response type negotiation with Payment Request URLs
            - BIP 0091 - Reduced threshold Segwit MASF (soft fork)
            - BIP 0112 - CHECKSEQUENCEVERIFY (soft fork)
            - BIP 0113 - Median time-past as endpoint for lock-time calculations (soft fork)
            - BIP 0137 - Signatures of Messages using Private Keys
            - BIP 0141 - Segregated Witness (Consensus layer) (soft fork)
            - BIP 0143 - Transaction Signature Verification for Version 0 Witness Program (soft fork)
            - BIP 0144 - Segregated Witness (Peer Services)
            - BIP 0145 - getblocktemplate Updates for Segregated Witness
            - BIP 0147 - Dealing with dummy stack element malleability (soft fork)
            - BIP 0148 - Mandatory activation of segwit deployment (soft fork)
        - dido:public:ra:xapend:xapend.b_stds:defact:bitcoin:guides:
            - Bitcoin: Guide 1 Blockchain
            - Bitcoin: Guide 2 Transactions
            - Bitcoin: Guide 3 Contracts
            - Bitcoin: Guide 4 Wallets
            - Bitcoin: Guide 5 Payment Processing Guide
            - Bitcoin: Guide 6 Operating Modes
            - Bitcoin: Guide 7 Peer-to-Peer Networks
            - Bitcoin: Guide 8 Mining
        - Bitcoin
        - Bitcoin: Bitcoin Improvement Proposals (BIPs)
        - Bitcoin: Bitcoinj Developer's Documentation
        - Bitcoin: Developer's Guidance
    - Consortium for Information & Software Quality (CISQ)
        - Consortium for Information & Software Quality (CISQ)
    - Ethereum: Ethereum Improvement Proposals (EIPs)
        - dido:public:ra:xapend:xapend.b_stds:defact:ethereum:eip:
            - EIP 1052: EXTCODEHASH opcode
            - EIP 107: safe "eth_sendTransaction" authorization via html popup (DRAFT)
            - EIP 1102: Opt-in account exposure (DRAFT)
            - EIP 1167: Minimal Proxy Contract

        - EIP 1186: RPC-Method to get Merkle Proofs - eth_getProof (DRAFT)
        - EIP 1193: Ethereum Provider JavaScript API (DRAFT)
        - EIP 137: Ethereum Domain Name Service - Specification
        - EIP 141: Designated invalid EVM instruction
        - EIP 1474: Remote Procedure Call (RPC) specification (DRAFT)
        - EIP 150: Gas cost changes for IO-heavy operations
        - EIP 1559: Fee market change for ETH 1.0 chain
        - EIP 155: Simple replay attack protection
        - EIP 162: Initial ENS Hash Registrar
        - EIP 165: ERC-165 Standard Interface Detection
        - EIP 1767: GraphQL interface to Ethereum node data (DRAFT)
        - EIP 1803: ERC-NN Rename opcodes for clarity (DRAFT)
        - EIP 181: ENS support for reverse resolution of Ethereum addresses
        - EIP 1820: Pseudo-introspection Registry Contract
        - EIP 1884: Repricing for trie-size-dependent opcodes
        - EIP 1898: ERC-NN Add `blockHash` to JSON-RPC methods which accept a default block parameter (DRAFT)
        - EIP 190: Ethereum Smart Contract Packaging Standard
        - EIP 191: Signed Data Standard (DRAFT)
        - EIP 20: ERC-20 Token Standard
        - EIP 211: New opcodes: RETURNDATASIZE and RETURNDATACOPY
        - EIP 214: New opcode STATICCALL
        - EIP 234: `blockHash` to JSON-RPC filter options (DRAFT)
        - EIP 2718: Typed Transaction Envelope
        - EIP 2929: Gas cost increases for state access opcodes
        - EIP 2930: Optional access lists
        - EIP 55: Mixed-case checksum address encoding
        - EIP 695: Create `eth_chainId` method for JSON-RPC (DRAFT)
        - EIP 712: Ethereum typed structured data hashing and signing (DRAFT)
        - EIP 721: ERC-721 Non-Fungible Token Standard
        - EIP 758: ERC-NN Subscriptions and filters for completed transactions (DRAFT)
        - EIP 777: ERC-777 Token Standard
    - dido:public:ra:xapend:xapend.b_stds:defact:ethereum:client:
        - Ethereum: cpp Project
        - Ethereum: Ethereum_j Project
        - Ethereum: Ethereumh Project
        - Ethereum: Ethereumjs-lib Project
        - Ethereum: Go-ethereum Project
        - Ethereum: Parity Project
        - Ethereum: Pyethapp Project
        - Ethereum: Ruby-ethereum Project
    - Ethereum: Ethereum Virtual Machine (EVM)
        - Ethereum: Ethereum Virtual Machine (EVM)
    - Ethereum: Remix Project
        - Ethereum: Remix Project
    - Ethereum: Solidity Language Specification

        - Ethereum: Solidity Language Specification
    - Ethereum: Truffle Suite
        - Ethereum: Truffle Suite
        - Tool: Drizzle
        - Tool: Genache
        - Tool: Truffle
    - Ethereum
    - Ethereum: Clients
    - Ethereum: Ethereum Improvement Proposals (EIPs)
- GIT (Revision Control)
    - GIT (Revision Control)
- Google
    - Google
    - Google: Android
    - Google: Go (software language)
    - Google: gRPC
    - Google: Protocol Buffers
- InterPlanetary File System (IPFS)
    - InterPlanetary File System (IPFS)
- IOTA
    - IOTA
- Jenkins (Continuous Delivery)
    - Jenkins (Continuous Delivery)
- Jira (Bug tracking system)
    - Jira (Bug tracking system)
- Linux Foundation
    - ISO/IEC The Linux Standard Base 5 Specification Series (LSB 5)
    - Kubernetes
    - Linux Foundation
    - Linux Foundation: Hyperledger
    - Linux Foundation: Open Messaging
    - Linux Foundation: Open Middleware Agnostic Messaging API (OpenMAMA)
    - Linux Foundation: OpenJS Foundation
    - Node.js
- Microsoft
    - Microsoft
    - Microsoft: Visual Studio Code (VS Code)
    - Microsoft: Windows API
    - Open Database Connectivity (ODBC)
- Open Data Commons
    - Open Data Common Licenses
        - Open Data Common Licenses
        - Open Data Commons Attribution License (ODC-By) v1.0
        - Open Data Commons Open Database License (ODbL)
        - Open Data Commons Public Domain Dedication and License (PDDL)
    - Open Data Common Resources and Tools
        - Frequently Asked Questions (FAQ)
        - Licenses API

            - Licenses Frequently Asked Questions (FAQ)
            - Open Data Common Resources and Tools
            - Open Data Handbook
            - Open Definition v2.1
        - Open Data Commons
    - Open Government Data (The Book)
        - Open Government Data (The Book)
        - Open Government Definition
        - Open Knowledge Definition
    - Oracle
        - Oracle
        - Oracle: Java logger API
        - Oracle: The Java® Language Specification SE 8 Edition
        - Oracle: The Java® Virtual Machine Specification JVM
    - Participating in Open Source Communities
        - Participating in Open Source Communities
    - Talk Openly Develop Openly (TODO)
        - Talk Openly Develop Openly (TODO)
        - TODO: Building leadership in an open source community
        - TODO: How to create an open source program
        - TODO: Improve your open source development impact
        - TODO: Measuring your open source program's success
        - TODO: Participating in open source communities
        - TODO: Recruiting open source developers
        - TODO: Setting an Open Source Strategy
        - TODO: Shutting down an open source project
        - TODO: Starting an open source project
        - TODO: Tools for managing open source programs
        - TODO: Using open source code
    - ZeroMQ Distributed Messaging
        - ZeroMQ Distributed Messaging
    - ZeroMQ Message Transport Protocol (ZMTP)
        - ZeroMQ Message Transport Protocol (ZMTP)
- dido:public:ra:xapend:xapend.b_stds:tech:
    - Apache Software Foundation (ASF)
        - Apache License, Version 2.0 (Apache-2.0)
        - Apache Software Foundation (ASF)
    - ECMA International
        - ECMA International
        - ECMA: Standard ECMA-262 - ECMAScript® 2018 Language Specification (Javascript)
        - ECMA: Standard ECMA-334 - C# Language Specification
        - ECMA: Standard ECMA-335 - Common Language Infrastructure (CLI)
        - ECMA: Technical Report TR/84 - Common Language Infrastructure (CLI) - Information Derived from Partition IV XML File
        - ECMA: Technical Report TR/89 - Common Language Infrastructure (CLI) - Common Generics
    - Institute of Electrical and Electronics Engineers (IEEE)

    - IEEE 1003.1-2017 - IEEE Standard for Information Technology--Portable Operating System Interface (POSIX(R)) Base Specifications
    - IEEE 1588-2019 - Standard for a Precision Clock Synchronization Protocol for Networked Measurement and Control Systems
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    - IEEE 802.1Q-2018 - Local and Metropolitan Area Networks—Bridges and Bridged Networks
    - Institute of Electrical and Electronics Engineers (IEEE)
- International Electrotechnical Commission (IEC)
    - IEC 62541-001 OPC Unified Architecture - Part 1: Overview and concepts
    - IEC 62541-002 OPC Unified Architecture - Part 2: Security Model
    - IEC 62541-003 OPC Unified Architecture - Part 3: Address Space Model
    - IEC 62541-004 OPC Unified Architecture - Part 4: Services
    - IEC 62541-005 OPC Unified Architecture - Part 5: Information Model
    - IEC 62541-006 OPC Unified Architecture - Part 6: Mappings
    - IEC 62541-007 OPC Unified Architecture - Part 7: Profiles
    - IEC 62541-008 OPC Unified Architecture - Part 8: Data Access
    - IEC 62541-009 OPC Unified Architecture - Part 9: Alarms and Conditions
    - IEC 62541-010 OPC Unified Architecture - Part 10: Programs
    - IEC 62541-011 OPC Unified Architecture - Part 11: Historical Access
    - IEC 62541-012 OPC Unified Architecture - Part 12: Discovery and global
    - IEC 62541-013 OPC Unified Architecture - Part 13: Aggregates
    - IEC 62541-014 OPC Unified Architecture - Part 14: PubSub
    - IEC 62541-100 OPC Unified Architecture - Part 100: Device Interface
    - International Electrotechnical Commission (IEC)
- International Organization for Standardization (ISO)
    - International Organization for Standardization (ISO)
    - ISO 10001:2018 Quality management — Customer satisfaction — Guidelines for codes of conduct for organizations
    - ISO 10002:2018 Quality management — Customer satisfaction — Guidelines for complaints handling in organizations
    - ISO 10003:2018 Quality management — Customer satisfaction — Guidelines for dispute resolution external to organizations
    - ISO 10004:2018 Quality management — Customer satisfaction — Guidelines for monitoring and measuring
    - ISO 8601-1:2019 Date and time -- Representations for information interchange -- Part 1: Basic rules
    - ISO 8601-2:2019 Date and time -- Representations for information interchange -- Part 2: Extensions: Basic rules
    - ISO 9001:2015 Quality management
    - ISO/IEC 14882:2017 Programming languages -- C++
    - ISO/IEC 19506:2012 Architecture-Driven Modernization (ADM) -- Knowledge Discovery Meta-Model (KDM)
    - ISO/IEC 22275:2018 Programming Languages - ECMAScript Specification Suite
    - ISO/IEC 23360-1:2006 Linux Standard Base (LSB) core specification 3.1 -- Part 1: Generic specification

- ISO/IEC 24723:2010 Information technology — Automatic identification and data capture techniques — GS1 Composite bar code symbology specification
- ISO/IEC 24724:2011 Information technology — Automatic identification and data capture techniques — GS1 DataBar bar code symbology specification
- ISO/IEC 25001:2014 SQuaRE -- Planning and Management
- ISO/IEC 25010:2011 SQuaRE -- System and Software Quality Models
- ISO/IEC 25012:2008 SQuaRE -- Data Quality Model
- ISO/IEC 25020:2007 SQuaRE -- Measurement Reference Model and Guide
- ISO/IEC 25021:2012 SQuaRE -- Quality Measure Elements
- ISO/IEC 25022:2016 SQuaRE -- Measurement of Quality in Use
- ISO/IEC 25023:2016 SQuaRE -- Measurement of System and Software Product Quality
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- ISO/IEC 25030:2007 SQuaRE -- Quality Requirements
- ISO/IEC 25040:2011 SQuaRE -- Evaluation Process
- ISO/IEC 25041:2012 SQuaRE -- Evaluation Guide for Developers, Acquirers and Independent Evaluators
- ISO/IEC 25045:2010 SQuaRE -- Evaluation Module for Recoverability
- ISO/IEC 7816 Integrated Circuit Card Family of Specificaions
- ISO/IEC 7816-01 Identification cards — Integrated circuit cards — Part 1: Cards with contacts — Physical characteristics
- ISO/IEC 7816-02 Identification cards — Integrated circuit cards — Part 2: Cards with contacts — Dimensions and location of the contacts
- ISO/IEC 7816-03 Identification cards — Integrated circuit cards — Part 3: Cards with contacts — Electrical interface and transmission protocols
- ISO/IEC 7816-04 Identification cards — Integrated circuit cards — Part 4: Organization, security and commands for interchange
- ISO/IEC 7816-05 Identification cards — Integrated circuit cards — Part 5: Registration of application providers
- ISO/IEC 7816-06 Identification cards — Integrated circuit cards — Part 6: Interindustry data elements for interchange
- ISO/IEC 7816-07 Identification cards — Integrated circuit(s) cards with contacts — Part 7: Interindustry commands for Structured Card Query Language (SCQL)
- ISO/IEC 7816-08 Identification cards — Integrated circuit cards — Part 8: Commands and mechanisms for security operations
- ISO/IEC 7816-09 Identification cards — Integrated circuit cards — Part 9: Commands for card management
- ISO/IEC 7816-10 Identification cards — Integrated circuit(s) cards with contacts — Part 10: Electronic signals and answer to reset for synchronous cards
- ISO/IEC 7816-11 Identification cards — Integrated circuit cards — Part 11: Personal verification through biometric methods
- ISO/IEC 7816-12 Identification cards - Integrated circuit cards — Part 12: Cards with contacts — USB electrical interface and operating procedures
- ISO/IEC 7816-13 Identification cards — Integrated circuit cards — Part 13: Commands for application management in a multi-application environment

    - ISO/IEC 7816-15 Identification cards — Integrated circuit cards — Part 15: Cryptographic information application
    - ISO/IEC 9075-01:2016 Database languages — SQL — Part 1: Framework (SQL/Framework)
    - ISO/IEC 9075-02:2016 Database languages — SQL — Part 2: Foundation (SQL/Foundation)
    - ISO/IEC 9075-03:2016 Database languages — SQL — Part 3: Call-Level Interface (SQL/CLI)
    - ISO/IEC 9075-04:2016 Database languages — SQL — Part 4: Persistent stored modules (SQL/PSM)
    - ISO/IEC 9075-09:2016 Database languages — SQL — Part 9: Management of External Data (SQL/MED)
    - ISO/IEC 9075-10:2016 Database languages — SQL — Part 10: Object language bindings (SQL/OLB)
    - ISO/IEC 9075-11:2016 Database languages — SQL — Part 11: Information and definition schemas (SQL/Schemata)
    - ISO/IEC 9075-13:2016 Database languages — SQL — Part 13: SQL Routines and types using the Java TM programming language (SQL/JRT)
    - ISO/IEC 9075-14:2016 Database languages — SQL — Part 14: XML-Related Specifications (SQL/XML)
    - ISO/IEC 9241-210:2019 Ergonomics of human-system interaction
    - ISO/IEC 9834-8:2014 Information technology -- Procedures for the operation of object identifier registration authorities -- Part 8: Generation of universally unique identifiers (UUIDs) and their use in object identifiers
    - ISO/IEC 9899:2018 Programming languages -- C
    - ISO/IEC Information technology — Message Queuing Telemetry Transport (MQTT)
    - ISO/IEC/IEEE 15288:2015 Systems and software engineering -- System life cycle processes
    - ISO/IEC/IEEE 25000:2014 SQuaRE -- Guide to SQuaRE
    - ISO/IEC/IEEE 90003:2018 Software engineering – Guidelines for the application of ISO 9001:2015 to computer software
- International Telecommunications Union (ITU)
    - International Telecommunications Union (ITU)
    - ITU-T Y.2060 - Overview of the Internet of things
- Internet Engineering Task Force (IETF)
    - Internet Engineering Task Force (IETF)
    - RFC0147 - The Definition of a Socket
    - RFC0768 - User Datagram Protocol (UDP)
    - RFC0791 - Internet Protocol (IPv4)
    - RFC0793 - Transmission Control Protocol
    - RFC1034 - Domain Names - Concepts and Facilities
    - RFC1035 - Domain Names - Implementation and Specification
    - RFC1112 - Host Extensions for IP Multicasting
    - RFC1777 - Lightweight Directory Access Protocol (LDAP)
    - RFC1831 - Remote Procedure Call Protocol Specification Version 2 (RPC)
    - RFC2026 - The Internet Standards Process
    - RFC2104 - Keyed-Hashing for Message Authentication (HMAC)

    - RFC2119 - Key words for use in RFCs to Indicate Requirement Levels
    - RFC2246 - The TLS Protocol
    - RFC2315 - Cryptographic Message Syntax
    - RFC2426 - vCard MIME Directory Profile
    - RFC2460 - Internet Protocol, Version 6 (IPv6) Specification
    - RFC2818 - HTTP Over TLS (HTTPS)
    - RFC2904 - AAA Authorization Framework
    - RFC3339 - Date and Time on the Internet: Timestamps
    - RFC3447 - PKCS #1: RSA Cryptography Specifications
    - RFC3596 - DNS Extension to support IP Version 6
    - RFC4122 - A Universally Unique IDentifier (UUID) URN Namespace
    - RFC4960 - Stream Control Transmission Protocol
    - RFC5011 - Automated Updates of DNS Security (DNSSEC) Trust Anchors
    - RFC5234 - Augmented BNF for Syntax Specifications: ABNF
    - RFC5424 - The Syslog Protocol (SYSLOG)
    - RFC6101 - The Secure Sockets Layer (SSL) Protocol Version 3.0
    - RFC6376 - DomainKeys Identified Mail (DKIM) Signatures
    - RFC6455 - The WebSocket Protocol
    - RFC6749 - The OAuth 2.0 Authorization Framework
    - RFC6750 - The OAuth 2.0 Authorization Framework: Bearer Token Usage
    - RFC6891 - Extension Mechanisms for DNS (EDNS(0))
    - RFC6979 - Deterministic Usage of the Digital Signature Algorithm (DSA) and Elliptic Curve Digital Signature Algorithm (ECDSA)
    - RFC7011 - IP Protocol Specification (IPFIX)
    - RFC7061 - eXtensible Access Control Markup Language (XACML) XML Media Type
    - RFC7235 - Hypertext Transfer Protocol (HTTP/1.1): Authentication
    - RFC7252 - The Constrained Application Protocol (CoAP)
    - RFC7405 - Case-Sensitive String Support in ABNF
    - RFC7595 - Guidelines and Registration Procedures for URI Schemes
    - RFC8089 - The "file" URI Scheme
    - RFC8174 - Ambiguity of Uppercase vs Lowercase in RFC 2119 Key Words
    - RFC8259 - The JavaScript Object Notation (JSON) Data Interchange Format
- National Institute of Standards and Technology (NIST)
    - National Institute of Standards and Technology (NIST)
    - NIST: FIPS PUB 186-4: Digital Signature Standard (DSS)
    - NIST: SP 800-126: The Technical Specification for the Security Content Automation Protocol (SCAP)
    - NIST: SP 800-207: Zero Trust Architecture (ZTA)
    - NIST: SP 800-34E Recommendation for Block Cipher Modes of Operation: the XTS-AES Mode for Confidentiality on Storage Devices
    - NIST: SP 800-89: Recommendation for Obtaining Assurances for Digital Signature Applications
- Object Management Group (OMG)
    - Object Management Group (OMG)
    - OMG: Automated Source Code CISQ Maintainability Measure (ASCMM)
    - OMG: Automated Source Code CISQ Measures (ASCQM)
    - OMG: Automated Source Code CISQ Performance Efficiency Measure

(ASCPEM)
    - OMG: Automated Source Code CISQ Reliability Measure (ASCRM)
    - OMG: Automated Source Code CISQ Security Measure (ASCSM)
    - OMG: Business Motivation Model (BMM)
    - OMG: Business Process Model And Notation (BPMN)
    - OMG: Case Management Model and Notation (CMMN)
    - OMG: CISQ Automated Enhancement Points (AEP)
    - OMG: CISQ Automated Function Points (AFP)
    - OMG: CISQ Automated Technical Debt Measure (ATDM)
    - OMG: Common Warehouse Metamodel (CWM)
    - OMG: Data Distribution Service (DDS)
    - OMG: DDS Consolidated XML Syntax (DDS-XML)
    - OMG: DDS For Extremely Resource Constrained Environments (DDS-XRCE)
    - OMG: DDS Interoperability Wire Protocol (DDSI-RTPS)
    - OMG: DDS Security (DDS-SECURITY)
    - OMG: Distributed Ontology, Model, and Specification Language (DOL)
    - OMG: Extensible and Dynamic Topic Types for DDS (DDS-XTypes)
    - OMG: Financial Industry Business Ontology (FIBO)
    - OMG: Financial Instrument Global Identifier (FIGI)
    - OMG: Information Exchange Framework (IEF)
    - OMG: Interface Definition Language (IDL)
    - OMG: ISO/IEC C++ 2003 Language DDS PSM (DDS-PSM-Cxx)
    - OMG: Java 5 Language PSM for DDS (DDS-Java)
    - OMG: Meta Object Facility (MOF)
    - OMG: Ontology Definition Metamodel (ODM)
    - OMG: OPC-UA/DDS Gateway (DDS-OPCUA)
    - OMG: RPC Over DDS (DDS-RPC)
    - OMG: Semantics Of Business Vocabulary and Rules (SBVR)
    - OMG: Structured Assurance Case Metamodel (SACM)
    - OMG: Structured Metrics Metamodel (SMM)
    - OMG: Systems Modeling Language (SysML)
    - OMG: Test Information Interchange Format (TestIF)
    - OMG: Unified Architecture Framework (UAF)
    - OMG: Unified Modeling LanguageTitle (UML)
    - OMG: Web-Enabled DDS (DDS-WEB)
    - OMG: XML Metadata Interchange (XMI)
- Open Source Initiative (OSI)
    - Open Source Initiative (OSI)
    - OSI: Common Public License, Version 1.0 (CPL-1.0)
    - OSI: Eclipse Public License Version 2.0 (EPL-2.0)
    - OSI: GNU General Public License version 3 (GPL-3.0)
    - OSI: GNU Lesser General Public License version 2.1 (LGPL-2.1)
    - OSI: GNU Library General Public License version 2 (LGPL-2.0)
    - OSI: Mozilla Public License (MPL-2.0)
    - OSI: The 2-Clause BSD License (BSD-2-Clause)
    - OSI: The 3-Clause BSD License (BSD-3-Clause)
    - OSI: The MIT License (MIT)
- Organization for the Advancement of Structured Information Standards (OASIS)

        - OASIS: Assertions and Protocols for the OASIS Security Assertion Markup Language (SAML)
        - OASIS: eXtensible Access Control Markup Language (XACML)
        - OASIS: Message Queuing Telemetry Transport (MQTT)
        - Organization for the Advancement of Structured Information Standards (OASIS)
    - World Wide Web Consortium (W3C)
        - W3C: Cascading Style Sheets Level 2 Revision 2 (CSS 2.2) Specification
        - W3C: Decentralized Identifiers (DIDs) 1.0
        - W3C: Document Object Model (DOM) Level 3 Core Specification
        - W3C: Extensible Markup Language (XML) 1.0 (Fifth Edition)
        - W3C: HTML5 (HTML5)
        - W3C: OWL 2 Web Ontology Language - Structural Specification and Functional-Style Syntax (second Edition)
        - W3C: RDF 1.1 Concepts and Abstract Syntax (RDF)
        - W3C: RDF 1.1 Terse RDF Triple Language (Turtle)
        - W3C: SPARQL 1.1 Overview (SPARQL)
        - W3C: XML Path Language (XPath) 3.1
        - W3C: XML Schema Definition Language (XSD) 1.1 Part 1: Structures
        - W3C: XML Schema Definition Language (XSD) 1.1 Part 2: Datatypes
        - W3C: XSL Transformations (XSLT) Version 3.0
        - World Wide Web Consortium (W3C)
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* ☐ **[char]Add new requirements section and subsections, as well as, appendices to TOC**

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