



(ISC)<sup>2</sup> Ethics: **PAPA** = Protect, Act, Provide, Advance.

**CIA**: Confidentiality, Integrity, Availability (opposite of **DAD**).

**Due Diligence**: Do Detect | **Due Care**: Do correct.

**Security Labels**: “*U Should Count Six Tauntauns*” = **Unclassified**, Sensitive But Unclassified, Classified, Secret, Top Secret.

**Defense in Depth**: Layering, or Onion defense.

**Security through obscurity**: Data Hiding.

**Quantitative Risk Analysis**:

**ALE = SLE x ARO**: *ArROw SLEd* = ALE is beer, so “A Drunk guy shooting arrows on a sled”.

**SLE = AV x EF**: (Mario saying): “I’ve got something up my **sleav-ef**”.

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**Asymmetric**: **DEREK-Q** = Diffie, El Gamal, RSA, ECC, Knapsack, Quantum.

**Symmetric**: **23BRAIDS** = 2fish, 3DES, Blowfish, RC5, AES, IDEA, DES, Skipjack.



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**Ciphers**: Stream = RC4 / Block - Everything else.

**Fire Extinguisher Classes**: **A** (Ash) Combustible, **B** (Boil) Liquid, **C** (Current) Electrical, **D** (Dent) Metal, **K** (Kitchen) Oil/Fat.

**CPU Pipelining order**: **FDEW** = Fetch, Decode, Execute, Write.

**Multi-Factor Authentication**:

Something you **know**, something you **have**, something you **are**.



**Digital forensics model**: **I Prefer Coffee Everytime Anyone Provides Donuts** =

Identification, Preservation, Collection, Examination, Analysis, Presentation, Decision.

**Change Management Steps**: **RRA/RTID** Request, Review, Approve or Reject, Test, Implement, Document.

**The 7 steps of a cyber-attack**: **RSA ESA O** = Reconnaissance, Scanning, Access and Escalation, Exfiltration, Sustainment, Assault, Obfuscation.

**BCP Steps**: BCP policy → BIA → Identify preventive controls → Develop recovery strategies → Develop DRP → DRP training/testing → BCP/DRP maintenance

**OSI Model**:

Physical, Datalink, Network, Transport, Session, Presentation, Application.

**Layer 1-7**: Please **Do Not Throw Sausage Pizza Away**.

**Layer 7-1**: **All People Seem To Need Data Processing**.

**TCP/IP Model**:

**NITA** - Network access, Internet, Transport, Application.

