

Attributes to Protect and/or to Attack

secrecy

authenticity

integrity

timeliness

relevancy

consistency

completeness

reliability

continuity

non-repudiation

accuracy

availability

objectivity

precision

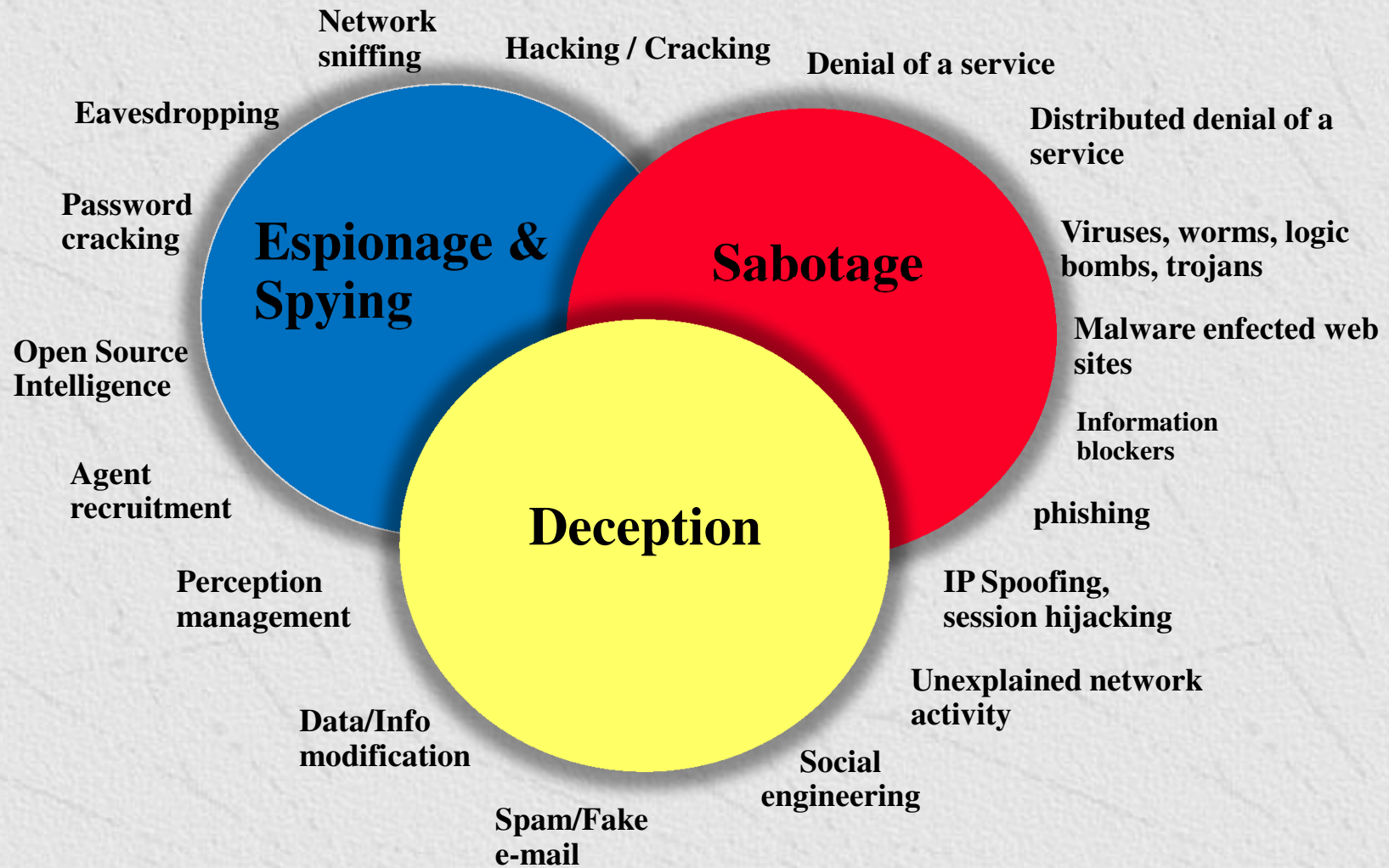
redundancy

readability

accessibility

measurable

Attacking tools



Attack Classification

- ✦ Attacks to Data/Information Security:
Cryptanalysis
- ✦ Attacks to OS – Inject backdoors thru infiltration and/or virus carrying worms
- ✦ Attacks to Network services: DOS-DDOS & many others

Attack Classification

- ✦ Attacks to Databases: SQL injections
- ✦ Attacks to Application Software: Viruses & Worms and their combination in any form thereof
- ✦ Coding Security: Backdoors, trap doors
- ✦ Attacks to users: Social Engineering