

CONFIDENTIALITY

- The goal of *confidentiality* is to keep the **contents** of a transient communication or data on temporary or persistent storage **secret**.

MESSAGE/DATA INTEGRITY

- When Alice and Bob exchange messages, they **do not want a third party** such as to be able to **modify** the **contents** of their messages.

ACCOUNTABILITY

- The goal of **accountability** is to ensure that you are able to determine **who** the attacker or principal is in the case that something goes wrong or an erroneous transaction is identified.

AVAILABILITY

- An *available* system is one that can respond to its users' requests in a reasonable timeframe

Non-Repudiation

- The goal of *non-repudiation* is to ensure **Undeniability** of a transaction by any of the parties involved.