

DAD Triad● (Attacker's Goal)

Disclosure

- Unauthorized access or exposure of sensitive information.
- Violates Confidentiality.
- A hacker leaks customer credit card details from an e-commerce database.

Alteration

- Unauthorized modification, manipulation, or corruption of data.
- Violates Integrity.
- An attacker changes a patient's medical prescription in a hospital system.

Denial

- Disrupting or preventing legitimate access to systems, applications, or data.
- Violates Availability.
- A DDoS (Distributed Denial of Service) attack makes an online banking service unavailable.

CIA vs DAD

- CIA Triad = Defender's Goal (protect Confidentiality, Integrity, Availability)
- DAD Triad = Attacker's Goal (cause Disclosure, Alteration, Denial)