Introduction to Information Security

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Security Threats

Physical access

Social Engineering

Crackers

Eavesdroppers and man-in-the-middle attacks

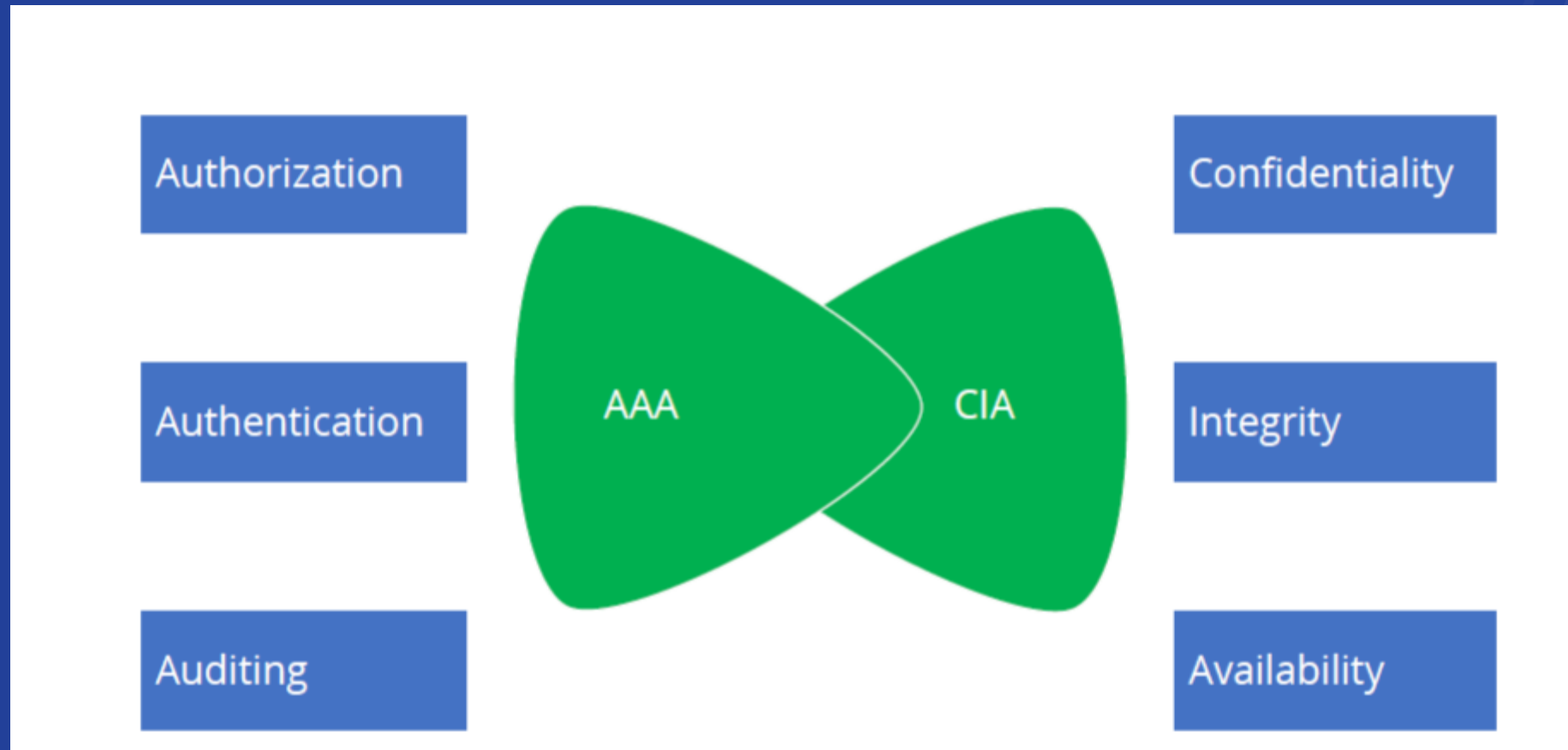Viruses and Trojan horses

Buffer overflow attacks

Denial of service attacks

Human error

Configuration errors

Malicious employees

3 A's and CIA

Security Principles

- Defence in depth
- Minimize attack surfaces
- Fail secure
- Least privilege
- Security through obscurity
- Segregation of duties
- Token authentication

Thank You