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Show Name: CompTIA IT Fundamentals (Exam FC0-U61)

Topic Name: Security

Episode Name: Basic Security Principles

Show Description:

## Basic Security Principles

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- Explain the value of data and information
  - Data and information as assets
  - Importance of investing in security
  - Relationship of data to creating information
  - Intellectual property
    - Trademarks
    - Copyright
    - Patents
  - Digital products
- Summarize confidentiality, integrity and availability concerns
  - Confidentiality concerns
    - Snooping
    - Eavesdropping
    - Wiretapping
    - Social engineering
    - Dumpster diving
  - Integrity concerns
    - Man-in-the-middle
    - Replay attack
    - Impersonation
    - Unauthorized information alteration
  - Availability concerns
    - Denial of service
    - Power outage
    - Hardware failure
    - Destruction
    - Service outage