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ShowName: Cisco CCNA (200-301)

Topic: 5.0 Security Fundamentals

EpisodeName: Key Security Concepts

Description: In this episode, Aubri and Ronnie discuss the basic key security concepts. They define the concepts that we must understand if we are to protect our networks.

#### ####Key Security Concepts

- 5.1 Define key security concepts
  - Asset (a located item that is assessed as valuable to an entity )
  - Threats (Potential danger or weakness to assets)
    - Attackers
    - Unrealized Exploit
    - Default settings (unhardened system)
  - Vulnerabilities (True danger or weakness to assets)
  - Exploits (attack against a weakness)
    - taking advantage of existing weakness in software coding or firmware
  - Mitigation Techniques (countermeasures)
    - Administrative (Policy)
    - Technical (Implementation)
    - Physical (Control)