Filename: cisco-ccna200301-5-0-0-security_fundamentals
ShowName: Cisco CCNA (200-301)
Topic: 5.0 Security Fundamentals
EpisodeName: N/A
Description: In this overview, you will learn about the security fundamentals domain objectives

- **5.0 Security Fundamentals**

  Security Concepts

    - 5.1 Define key security concepts (threats, vulnerabilities, exploits, and mitigation techniques)

  Security Programs

    - 5.2 Describe security program elements (user awareness, training, and physical access control)
    - 5.4 Describe security password policies elements, such as management, complexity, and password alternatives (multifactor authentication, certificates, and biometrics)
    - 5.8 Differentiate authentication, authorization, and accounting concepts
    - 5.9 Describe wireless security protocols (WPA, WPA2, and WPA3)

  Configure security controls

    - 5.3 Configure device access control using local passwords
    - 5.5 Describe remote access and site-to-site VPNs
    - 5.6 Configure and verify access control lists
    - 5.7 Configure Layer 2 security features (DHCP snooping, dynamic ARP inspection, and port security)
    - 5.10 Configure WLAN using WPA2 PSK using the GUI